



InControl Technologies

Environmental Consulting and Engineering

Municipal Setting Designation Application

**Former Wilson Stationary and Printing
1701 Commerce Street, Houston, Texas 77002
VCP No. 3063**

Prepared For:

**Mr. Wally Hultin
DH Commerce, LLC
3863 S. Newport Way, Denver, Colorado 80237**

March 19, 2021

CITY OF HOUSTON



HOUSTON PUBLIC WORKS
HOUSTON WATER DIVISION

Application for Approval of Municipal Setting Designation

APPLICANT INFORMATION

Applicant's Name: DH Commerce, LLC
 Individual Private Entity Public Entity Non-Profit Entity Other _____
Address: 3863 S. Newport Way, Denver, Colorado 80237
(Street) (City) (State) (Zip)
Phone No.: 303-668-1612 Fax No.: _____
Email: whultin@aol.com

Contact Information

Name of Contact: Walter Hultin
Title: Manager
Address: 3863 S. Newport Way, Denver, Colorado 80237
(Street) (City) (State) (Zip)
Phone No.: 303-668-1612 Fax No.: _____
Email: whultin@aol.com

Application Preparation

Application Prepared by: Michael F. Marcon, P.G.
Company: InControl Technologies
Address: 14731 Pebble Bend Drive Houston TX 77068
(Street) (City) (State) (Zip)
Phone No.: 281-580-8892 Fax No.: _____
Email: mmarcon@incontroltech.com

SITE INFORMATION

Site HCAD No(s): 001-113-000-0006

Site Name: Former Wilson Stationery & Printing

Site Size: 0.2746-acres

Site Address: 1701 Commerce St Houston TX 77002
(Street) (City) (State) (Zip)

(List all owners – additional sheet is attached, if needed)

Owner: Walter Hultin

Owner Address: 3863 S. Newport Way Denver, Colorado 80237
(Street) (City) (State) (Zip)

Name of Contact: Walter Hultin

Title: DH Commerce LLC

Organization: _____

Phone No.: 303-668-1612 Fax No.: _____

Email: whultin@aol.com

Owner: _____

Owner Address: _____
(Street) (City) (State) (Zip)

Name of Contact: _____

Title: _____

Organization: _____

Phone No.: _____ Fax No.: _____

Email: _____

Owner: _____

Owner Address: _____
(Street) (City) (State) (Zip)

Name of Contact: _____

Title: _____

Organization: _____

Phone No.: _____ Fax No.: _____

Email: _____

ITEM	COH Use Only
<p>**Executive Summary</p>	
<p>1. Provide a legal description of the boundaries of the designated property, including metes and bounds, and a copy of the deed for the property. <u>A professional surveyor currently registered with the Texas Board of Professional Surveying must certify that all property descriptions with metes and bounds are accurate.</u></p> <p style="text-align: center;"><u>Label "Appendix A"</u></p>	
<p>2. A description of the current use, and, to the extent known, the anticipated use(s), of the designated property and properties within 500 feet of the boundary of the designated property.</p> <p style="text-align: center;"><u>Label "Appendix B"</u></p>	
<p>3. A site map showing:</p> <ul style="list-style-type: none"> a. The location of the designated property. b. The topography of the designated property as indicated on publicly available sources, which must note the watershed <u>including the nearest surface water body</u> and whether the designated property is located in a floodplain or floodway, as those terms are defined in Chapter 19 of the Code of Ordinances. c. The detected area of groundwater contamination. d. The location of all soil sampling locations and all groundwater monitoring wells. e. Groundwater gradients, to the extent known, and direction of groundwater flow. f. The ingestion protective concentration level exceedance zone for each contaminant of concern, to the extent known. g. Depth to groundwater for each affected zone. <p style="text-align: center;"><u>Label "Appendix C"</u></p>	
<p>4. Provide for each contaminant of concern within the designated groundwater:</p> <ul style="list-style-type: none"> a. A description of the ingestion protective concentration level exceedance zone and the non-ingestion protective concentration level exceedance zone, including a specification of the horizontal area and the minimum and maximum depth below ground surface. b. The level of contamination, the ingestion protective concentration level, and the non-ingestion protective concentration level, all expressed as mg/L units. c. Its basic geochemical properties (e.g. whether the contaminant of concern migrates with groundwater, floats, or is soluble in water). <p style="text-align: center;"><u>Label "Appendix D"</u></p>	
<p>5. A table displaying the following information for each contaminant of concern, to the extent known:</p> <ul style="list-style-type: none"> a. The maximum concentration level for soil and groundwater, the ingestion protective concentration level, and the non-ingestion protective concentration level, all expressed as mg/L units. b. The critical protective concentration level without the municipal setting designation, highlighting any exceedances. <p style="text-align: center;"><u>Label "Appendix E"</u></p>	

ITEM	COH Use Only
<p>6. If the plume extends beyond the limits of property owners listed in this application, list the owners of the additional property beneath which the plume(s) extend(s), and a summary of interactions with those property owners about the plume(s) and this MSD application. Please Note: You are not required under this item to notify affected property owners, only to provide a summary or who affected property owners are, and if there have been any communications. "No contact" can be an acceptable answer.</p> <p style="text-align: center;"><u>Label "Appendix F"</u></p>	
<p>7. A statement as to whether the source of the plume has been removed, the plume of contamination is stable (i.e. no change) or contracting, and the plume is delineated, <u>with the basis for that statement.</u> Please include historical sampling data.</p> <p style="text-align: center;"><u>Label "Appendix G"</u></p>	
<p>8. A statement as to whether contamination on and off the designated property <u>without</u> a Municipal Setting Designation <u>will exceed</u> a residential assessment level as defined in the Texas Risk Reduction Program or analogous residential level set by EPA, if known, and the basis for that statement.</p> <p style="text-align: center;"><u>Label "Appendix H"</u></p>	
<p>9. A statement as to whether contamination on and off the designated property <u>with</u> a Municipal Setting Designation <u>will exceed</u> a residential assessment level as defined in the Texas Risk Reduction Program or analogous residential level set by EPA, if known, and the basis for that statement.</p> <p style="text-align: center;"><u>Label "Appendix I"</u></p>	
<p>10. Identification of the points of origin of the contamination, to the extent known: a. Please list the Potentially Responsible Party (PRP), if unknown, state unknown. (applications without the RPR listed will be deemed incomplete)</p> <p style="text-align: center;"><u>Label "Appendix J"</u></p>	
<p>11. Environmental regulatory actions, litigation, and plume identification.</p> <ul style="list-style-type: none"> a. A description of any environmental regulatory actions that have been taken within the past five years in connection with the designated property, to the extent known. b. A description of any litigation that has taken place within the past five years in connection with the designated property, to the extent known. c. A statement as to whether there are any other remediation activities by the applicant, or any other party or agency, which are not listed in the application. d. A statement as to which contamination plume and groundwater zone the applicant is including in the MSD. <p style="text-align: center;"><u>Label "Appendix K"</u></p>	
<p>12. A listing of all existing state or EPA registrations, permits, and identification numbers that applies to the designated property.</p> <p style="text-align: center;"><u>Label "Appendix L"</u></p>	

ITEM	COH Use Only
<p>13. Provide evidence that the designated property is currently or has previously been under the oversight of the TCEQ or the United States Environmental Protection Agency, as required by the Texas Health and Safety Code §361.8065(c)(2)(A), and a description of the status of the designated property in the program (the program application number is sufficient evidence). Also include the state or federal cleanup project manager's name.</p> <p style="text-align: center;"><u>Label "Appendix M"</u></p>	
<p>14. A summary of any environmental site assessment reports filed with the TCEQ regarding any site investigations or response actions that are planned, ongoing or completed related to the designated property.</p> <p style="text-align: center;"><u>Label "Appendix N"</u></p>	
<p>15. A statement as to whether any public drinking water supply system exists that satisfies the requirements of Chapter 341 of the Texas Health and Safety Code and that supplies or is capable of supplying drinking water to the designated property and property within one-half mile of the designated property and the identity of each supply system.</p> <p style="text-align: center;"><u>Label "Appendix O"</u></p>	
<p>16. The name and address of each owner or operator of a water well registered or permitted by the state or the Houston-Galveston Subsidence District that is located within five miles of the boundary of the designated property, along with a map showing the location of each well and, to the extent known, a notation of whether each well is used for potable water. Well logs <u>must</u> be included in the electronic copy of the application but should not be included in the hard copies. (An accompanying electronic excel file with mailing information should be included with your application.)</p> <p style="text-align: center;"><u>Label "Appendix P"</u></p>	
<p>17. The name and address of each retail public utility, as defined in section 13.002 of the Texas Water Code that owns or operates a groundwater supply well within five miles of the boundary of the designated property.</p> <p style="text-align: center;"><u>Label "Appendix Q"</u></p>	
<p>18. A listing of each municipality, other than the City of Houston, with a corporate limit within one-half mile of the boundary of the designated property.</p> <p style="text-align: center;"><u>Label "Appendix R"</u></p>	
<p>19. A listing of each municipality, other than the City of Houston, that owns or operates a groundwater supply well within five miles of the boundary of the designated property.</p> <p style="text-align: center;"><u>Label "Appendix S"</u></p>	
<p>20. A listing of owners of real property within 2,500 ft. of the boundary of the designated property as indicated by the most recent appraisal district records. Please Note: Depending on the location of your site, this requirement may include real property outside the City of Houston. Be sure to include ALL properties in the 2,500 ft. boundary. (An accompanying electronic excel file with mailing information should be included with your application).</p> <p style="text-align: center;"><u>Label "Appendix T"</u></p>	

ITEM	COH Use Only
<p>21. Form U-2012-01 signed and sealed by a licensed professional engineer or licensed professional geoscientist authorized to practice in the State of Texas with expertise in environmental remediation.</p> <p>Signing and sealing Form U-2012-01 certifies:</p> <ul style="list-style-type: none"> a. The contaminants of concern from sources on the designated property or migrating from or through the designated property more likely than no [do exceed] OR [do not exceed] a non-ingestion protective concentration level on property beyond the boundaries of the designated property. (select the appropriate statement) b. All requirements of Section 47-762 of the Houston Code of Ordinances have been met, including demonstration that the groundwater contamination plume has been fully delineated and is stable or contracting in size. <p style="text-align: center;"><u>Label "Appendix U"</u></p>	
<p>22. If the licensed professional engineer or professional geoscientist determines that contaminants of concern from sources on the designated property are migrating from or through the designated property more than likely do not exceed a non-ingestion protective concentration level on property beyond the boundary of the designated property, then the applicant must:</p> <ul style="list-style-type: none"> a. Specify the name and address of the owner of each property. b. Send a copy of the application to the owner of the property with the notice of the public meeting. c. Provide documentation that the designated property has been included in a state or federal program that requires that the entire non-ingestion protective concentration level exceedance zone be addressed to the satisfaction of the agency administering the program, along with documentation of the estimated time period in which it is to be addressed. An example of such a program is the Texas Voluntary Cleanup Program (section 361.501 of the Texas Health and Safety Code, as may be amended from time to time). d. Provide documentation upon completion of the state or federal program showing that the non-ingestion protective concentration level exceedances have been addressed to the satisfaction of the agency administering the program. <p style="text-align: center;"><u>Label "Appendix V"</u></p>	
<p>23. Form W-2012-01 certified/signed by the applicant and any authorized representatives of the applicant(s) listed in the application.</p> <p style="text-align: center;"><u>Label "Appendix W"</u></p>	
<p>24. Form X-2012-01 signed by the property owner or authorized agent (if an authorized agent, you must provide the legal authorization instrument).</p> <p style="text-align: center;"><u>Label "Appendix X"</u></p>	
<p>25. A CD (or other devise) containing the pdf file of the application, Excel spreadsheet of water well owners and property owners for mailing notices.</p> <p style="text-align: center;"><u>Label "Appendix Y"</u></p>	

List of Abbreviations

ACL	Alternative Cleanup Level
bgs	below ground surface
cis-1,2-DCE	cis-1,2-Dichloroethene (or cis-1,2-Dichloroethylene)
CCOC	Conditional Certificate of Completion
COC	Contaminant of Concern
DCE	Dichloroethene (or Dichloroethylene)
DNAPL	Dense Non-Aqueous Phase Liquids
ESA	Environmental Site Assessment
EPA	U.S. Environmental Protection Agency
ft	feet
GW	Groundwater
GWBU	Groundwater bearing unit
HOA	Homeowner's Association
IH	Interstate Highway
LNAPL	Light Non-Aqueous Phase Liquids
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
MSC	Median Specific Concentration
MSD	Municipal Setting Designation
NAPL	Non-aqueous Phase Liquids
PCE	Tetrachloroethene (or Tetrachloroethylene)
PCL	Protective Concentration Level
PCLE	Protective Concentration Level Exceedance
ppm	parts per million
RAWP	Response Action Work Plan
TCE	Trichloroethene (or Trichloroethylene)
trans-1,2-DCE	trans-1,2-Dichloroethene (or trans-1,2-dichloroethylene)
TCEQ	Texas Commission on Environmental Quality
TRRP	Texas Risk Reduction Program
VC	Vinyl Chloride
VCP	Voluntary Cleanup Program
VOC	Volatile Organic Compound

CITY OF HOUSTON



PUBLIC WORKS AND ENGINEERING PLANNING & DEVELOPMENT DIVISION

EXECUTIVE SUMMARY

Project Overview

InControl Technologies was retained by DH Commerce, LLC to provide environmental consulting services at the Former Wilson Stationery and Printing, located at 1701 Commerce Street in Houston, Texas, northeast of downtown Houston (**Figure C1**). The subject property is 0.2746-acres in size and currently developed with a vacant 18,140-square foot warehouse building. The general land use of the surrounding area is a mix of commercial and residential (**Figure B1**).

The subject property is located in the Buffalo Bayou watershed (**Figure C2**) and the property is not located within the 100-year floodplain (**Figure C3**).

Volatile Organic Compounds (VOC) Protective Concentration Level Exceedance (PCLE) zones were identified on a portion of the subject property. The PCLE zone is depicted on **Figure C4**. The groundwater data are summarized in **Tables E4** through **E6**.

Historical Environmental Condition

The subject property is 0.2746-acres in size and currently developed with a vacant 18,140-square foot warehouse building. According to historical documents the subject property was formerly occupied by Wilson Stationery & Printing Company circa 1950 to 1975. Printers commonly used chlorinated solvents to clean their presses and plates between runs to remove the inks used in the printing process. In addition, Wilson Stationery had an incinerator in the parking lot on the east side of the building. The former Houston Gas & Electric Company had a manufactured gas plant on the adjacent properties to the west/northwest. Although this is upgradient of the site, the proximity of this facility was considered a potential REC with low risk.

Four temporary monitoring wells (TMW-1 through TMW-4), six soil borings (HA-1 through HA-6) and nine permanent groundwater monitoring wells (MW-1 through MW-9) were advanced/installed between June 2019 and September 2020. Soil samples were collected and analyzed for Volatile Organic Compounds (VOCs) by EPA Method 8260 (**Table E1**), Total Petroleum Hydrocarbons (TPH) by TX Method 1005 (**Table E2**), and RCRA Metals SW6020/7471 (**Table E3**). Groundwater collected from both temporary and permanent groundwater monitoring wells was analyzed for Volatile Organic Compounds (VOCs) by EPA Method 8260 (**Table E4**), Total Petroleum Hydrocarbons (TPH) by TX Method 1005 (**Table E5**), and/or RCRA Metals SW6020/7470 (**Table E6**).

Quarterly groundwater monitoring began in August 2019. The most recent sampling data shows that the plume is laterally delineated in all directions. The groundwater flowed to the northeast at a gradient of 0.036 ft/ft during the March 2021 sampling event (**Figure C7**). Chlorinated hydrocarbons were present in groundwater at concentrations greater than the applicable Tier 1 ^{GW}GW_{ing} PCLs during the March 2021 sampling event. The PCLE zone is depicted on **Figure C4**.

Monitoring wells RW-1 and RW-2 were not installed by InControl Technologies as part of the plume delineation. It is believed they were installed by the owner of an adjacent property. However, in order to have additional data points, both wells were sampled and incorporated into the monitoring well network for the subject property.

Ten (10) water well records were identified within a ½-mile radius of the proposed Municipal Setting Designation (MSD) boundary. The nearest domestic or public supply well is located approximately 0.436-miles from the subject property in the downgradient direction. Within a 5-mile radius of the proposed MSD boundary, typical completion depths are greater than 300-ft bgs.

Buffalo Bayou is located approximately 560-feet northwest of the proposed MSD boundary. Buffalo Bayou is not threatened by the groundwater plume (**Figure C1**).

Appendix A

Provide a legal description of the boundaries of the designated property, including metes and bounds, and a copy of the deed for the property. A professional surveyor currently registered with the Texas Board of Professional Surveying must certify that all property descriptions with metes and bounds are accurate.

The legal description including a metes and bounds description and a copy of the deed for the designated property is included in this section. The proposed Municipal Setting Designation (MSD) boundary is 0.2746-acres.

Figure A depicts the proposed MSD boundary at the Former Wilson Stationery and Printing property located at 1701 Commerce Street, Houston, Texas.

10. The following matters and all terms of the documents creating or offering evidence of the matters (We must insert matters or delete this exception):
 - a. Rights of Parties in Possession. (OWNER POLICY ONLY)
 - b. Visible and apparent easements on or across property described in Schedule A.
 - c. Rights of tenants, as tenants only, under unrecorded leases or rental agreements, as evidenced by that Subordination, Non-Disturbance and Attornment Agreement recorded 4/2/2014, under County Clerk's File No. 20140133486, Official Public Records of Harris County, Texas. (AFFECTS PROPERTY, NOT PLOTTED)
 - d. All leases, grants, exceptions or reservations of coal, lignite, oil, gas and other minerals, together with all rights, privileges, and immunities relating thereto, appearing in the Public Records whether listed in Schedule B or not. There may be leases, grants, exceptions or reservations of mineral interest that are not listed. (AFFECTS PROPERTY, NOT PLOTTED)
 - e. Any portion of subject property lying within the boundaries of a public or private roadway whether dedicated or not. (SHOWN ON SURVEY)
 - f. Terms, conditions, and stipulations in Memorandum of Lease Agreement: Lessor: Lucy Reed Hibberd, Holton L. Burns and Duke Furrh Lessee: "Mobile West LLC, a Delaware limited liability company Recorded: 4/2/2014 in County Clerk's File No. 20140133044 of the Official Public Records of Harris County, Texas. (AFFECTS PROPERTY, NOT PLOTTED)
 - g. The property covered herein is subject to the terms, conditions, provisions and stipulations of Ordinance #1999-262, of the City of Houston, passed March 24, 1999, and amendments, pertaining to the platting and replatting of real property and the establishment of building set back lines along major thoroughfares within such boundaries. (OWNER POLICY ONLY) (AFFECTS PROPERTY, NOT PLOTTED)
 - h. Ordinance No. 91-1701 by The City of Houston, regarding the planting, preservation and maintenance of trees and decorative landscaping, a certified copy of which is filed under Harris County Clerk's File No. N 556388, Official Public Records, Harris County, Texas. (AFFECTS PROPERTY, NOT PLOTTED)

METES AND BOUNDS DESCRIPTION
 11,960 SQUARE FEET BEING A PORTION OF
 LOT 7 AND 12
 AND ALL OF LOT 6
 BLOCK 113, S.S.B. ADDITION
 HOUSTON, HARRIS COUNTY, TEXAS

All that certain 11,960 square feet of land being a portion of Lot 7 and 12 and all of Lot 6 Block 113, S. S. B. Addition, Houston, Harris County, Texas and being all that certain called Tract 1 and Tract 2 as described in that certain deed dated 01-23-2017 from Duke Furrh to The Estate of Lucy Reed Hibberd filed in the Official Public Records of Real Property of Harris County, Texas in Clerk's File No. 201728672 and being more particularly described by metes and bound as follows:

- Beginning at a found "X" in concrete located in the east right-of-way line of Jackson Street (80' wide) and being the southwest corner of Unrestricted Reserve A Block 1 City view Lofts according to the plat thereof in File Code No. 621290 of the Maps Records of Harris County, Texas;
- THENCE S 59° 43' 13" E - 131.67', with the south line of said Unrestricted Reserve A, to a set 5/8" iron rod with cap for corner;
- THENCE S 33° 10' 47" W - 94.28', with the west line of Unrestricted Reserve C Block 1 City view Lofts according to the plat thereof in File Code No. 621290 of the Maps Records of Harris County, Texas to a set "X" in concrete corner;
- THENCE N 56° 49' 13" W - 131.50', with the north right-of-way of Commerce Avenue (80' wide), to a set "X" in concrete for corner;
- THENCE N 33° 10' 47" E - 87.62', with the east right-of-way line of said Jackson Street to the POINT OF BEGINNING and containing 11,960 square feet (0.2746 acre) of land, more or less.

GENERAL NOTES

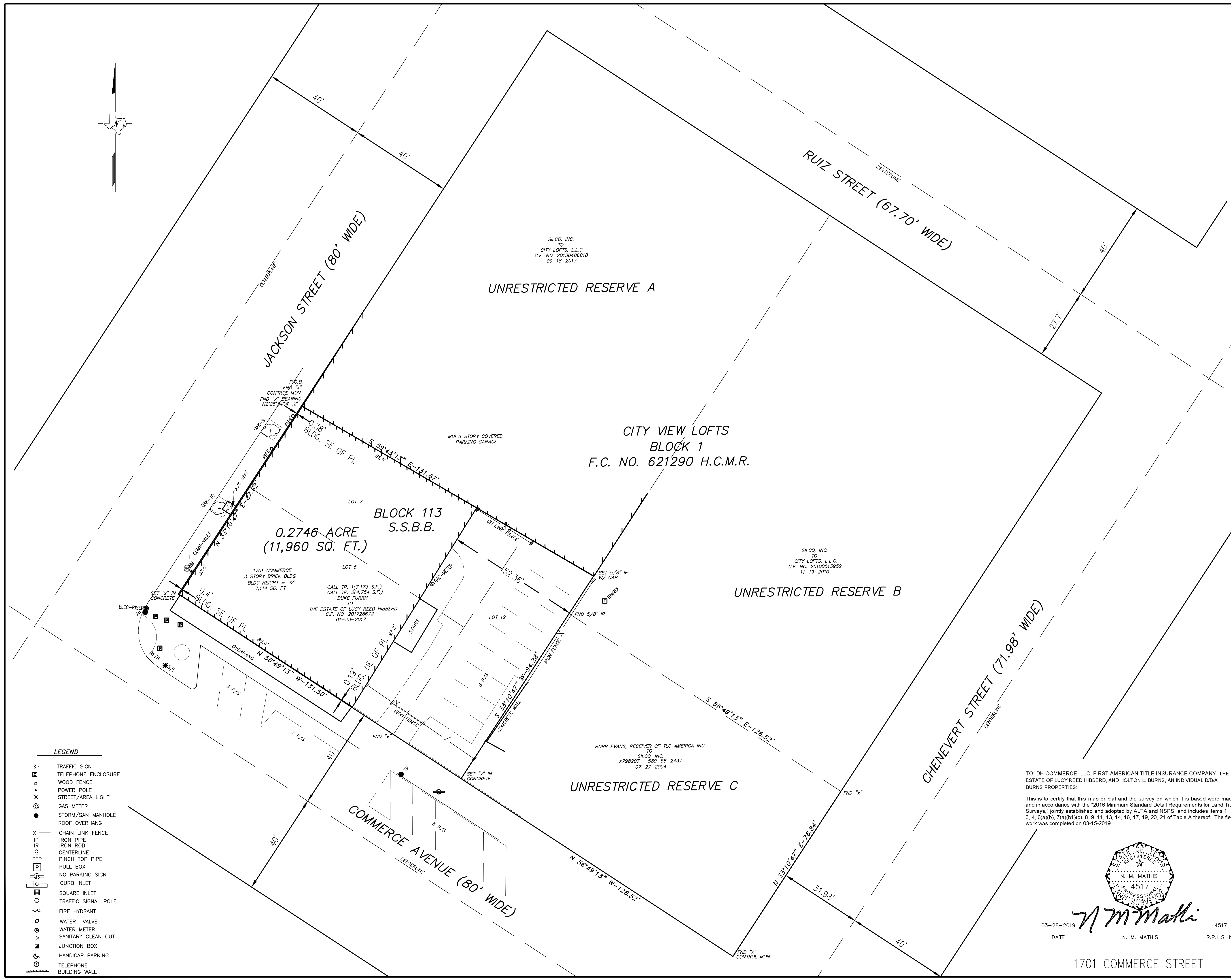
1. ALL BEARINGS SHOWN ARE BASED ON RECORD PLAT.
2. NO PORTION OF THE SUBJECT SITE IS LOCATED WITHIN THE 100 YEAR SPECIAL FLOOD HAZARD AREA ACCORDING TO THE MOST RECENT OFFICIAL INSURANCE RATE MAP, DATED JANUARY 06, 2017, MAP NUMBER 48201C0690, ZONE(S) "X", PROMULGATED BY THE ADMINISTRATOR OF THE DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT OF THE UNITED STATES. ANY REFERENCE TO THE 100 YEAR FLOOD PLAIN OR FLOOD HAZARD ZONES, ARE AN ESTIMATE BASED ON DATA PROVIDED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY'S FLOOD INSURANCE PROGRAM AND SHOULD NOT BE INTERPRETED AS A STUDY OR DETERMINATION OF THE FLOODING PROPENSITIES OF THIS PROPERTY.
3. FUTURE REDEVELOPMENT OF SITE IS SUBJECT TO CITY OF HOUSTON ORDINANCE NO. 85-1878, DATED OCTOBER 23, 1985 BY THE CITY OF HOUSTON, A CERTIFIED COPY OF WHICH WAS FILED AUGUST 1, 1991, UNDER COUNTY CLERK FILE NO. N-253886, (SUPERSEDED BY CITY OF HOUSTON ORDINANCE NO. 1999-262), ADOPTED BY THE CITY OF HOUSTON RELATING TO RULES, AND REGULATIONS, PROCEDURES AND DESIGN STANDARDS FOR DEVELOPING AND PLATTING AND PROVIDING FOR ESTABLISHING BUILDING SETBACK LINES.

04-10-2019 REVISED
 04-04-2019 REVISED
 04-02-2019 REVISED

PREJEAN & COMPANY, INC. 9324 WESTVIEW DRIVE
 surveying / mapping HOUSTON, TX 77055
 713-467-MAPS

ALTA/NSPS
LAND TITLE SURVEY
 11,960 SQUARE FEET BEING
A PORTION OF LOT 7 AND 12
AND ALL OF LOT 6
BLOCK 113
S.S.B. ADDITION
 HOUSTON, HARRIS COUNTY, TEXAS

03-28-2019 1"=20' JOB NO. 41-678
 GF NO. 190258-JK FIRST AMERICAN TITLE INSURANCE COMPANY



- LEGEND**
- TRAFFIC SIGN
 - TELEPHONE ENCLOSURE
 - WOOD FENCE
 - POWER POLE
 - STREET/AREA LIGHT
 - GAS METER
 - STORM/SAN MANHOLE
 - ROOF OVERHANG
 - CHAIN LINK FENCE
 - IRON PIPE
 - IRON ROD
 - CENTERLINE
 - PINCH TOP PIPE
 - PULL BOX
 - NO PARKING SIGN
 - CURB INLET
 - SQUARE INLET
 - TRAFFIC SIGNAL POLE
 - FIRE HYDRANT
 - WATER VALVE
 - WATER METER
 - SANITARY CLEAN OUT
 - JUNCTION BOX
 - HANDICAP PARKING
 - TELEPHONE
 - BUILDING WALL

SILCO, INC.
 TO
 CITY LOFTS, L.L.C.
 C.F. NO. 20130486818
 09-18-2013

UNRESTRICTED RESERVE A

CITY VIEW LOFTS
 BLOCK 1
 F.C. NO. 621290 H.C.M.R.

SILCO, INC.
 TO
 CITY LOFTS, L.L.C.
 C.F. NO. 20100513952
 11-19-2010

UNRESTRICTED RESERVE B

ROBB EVANS, RECEIVER OF TLC AMERICA INC.
 TO
 SILCO, INC.
 X798207 589-38-2437
 07-27-2004

UNRESTRICTED RESERVE C

TO: DH COMMERCE, LLC, FIRST AMERICAN TITLE INSURANCE COMPANY, THE ESTATE OF LUCY REED HIBBERD, AND HOLTON L. BURNS, AN INDIVIDUAL D/B/A BURNS PROPERTIES:
 This is to certify that this map or plat and the survey on which it is based were made and in accordance with the "2016 Minimum Standard Detail Requirements for Land Title Surveys," jointly established and adopted by ALTA and NSPS, and includes items 1, 2, 3, 4, 5(a)(i), 7(a)(i)(1)(c), 8, 9, 11, 13, 14, 16, 17, 19, 20, 21 of Table A thereof. The field work was completed on 03-15-2019.

03-28-2019 DATE
 N. M. MATHIS
 4517 R.P.L.S. NO.

1701 COMMERCE STREET

NOTICE OF CONFIDENTIALITY RIGHTS - IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

SPECIAL WARRANTY DEED

THE STATE OF TEXAS §
 §
COUNTY OF HARRIS §

HOLTON L. BURNS and the ESTATE OF LUCY REED HIBBERD, DECEASED (collectively, "Grantor"), for Ten Dollars (\$10.00) and other good and valuable consideration paid to Grantor by DH COMMERCE LLC, a Colorado limited liability company ("Grantee"), the receipt and sufficiency of which is acknowledged, has GRANTED, SOLD and CONVEYED, and by these presents does GRANT, SELL and CONVEY, unto the Grantee all of the following described property located in Harris County, Texas:

The land (the "Land"), together with all the improvements and fixtures located thereon, described in Exhibit A which is attached to this deed and is incorporated herein by reference (the "Property").

TO HAVE AND TO HOLD the Property and premises, together with all and singular the rights and appurtenances thereto in anywise belonging, unto Grantee, and Grantee's heirs, successors and assigns forever, and Grantor does hereby bind Grantor and Grantor's heirs, successors, and assigns, to WARRANT AND FOREVER DEFEND, all and singular, the Property and premises unto Grantee, and Grantee's heirs, successors, and assigns, against every person whomsoever lawfully claiming, or to claim the same, or any part thereof, by, through or under Grantor, but not otherwise.

In connection with the consideration paid to Grantor for the Property and this conveyance, Grantee has delivered to 1701 Lender LLC ("Lender"), a promissory note dated the same effective date as this deed, in the original principal amount of \$1,500,000.00 (the "Note"), executed by Grantee and made payable to the order of Lender, bearing interest and becoming finally payable as therein provided. The Note is secured by (a) a deed of trust dated the same date as the Note from Grantee to J. Landis Martin, Trustee which is to be filed of record in the Official Public Records of Harris County, Texas; and (b) by a vendor's lien retained in this deed.

RP-2019-213822

This conveyance is made and accepted subject to the encumbrances and other matters described in Exhibit B, which is attached to this deed and incorporated herein by reference, to the extent they are validly existing and affect the Property.

Taxes on the Property for the year 2019 have been prorated between Grantor and Grantee, and taxes for 2019 and subsequent years shall be assumed by Grantee as of the date of the delivery of this deed.

For the same consideration stated above, Grantor does hereby grant and convey to Grantee all rights, privileges, and appurtenances pertaining to the Property, including Grantor's right, title, and interest in any minerals, utilities, adjacent streets, alleys, strips, gores and rights-of-way (the foregoing items hereinafter referred to collectively as the "Additional Interests").

It is expressly agreed that a vendor's lien is created and retained herein in favor of Lender, and Lender will hold superior title in and to the Land and premises (including the improvements and fixtures located thereon and Additional Interests relating thereto, if any) and the title in the Grantee will not become absolute until the Note is paid in full according to the face, effect and reading thereof, when this deed shall become absolute.

EXECUTED on this 21 day of May, 2019.

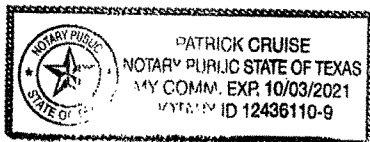
GRANTOR:



HOLTON L. BURNS

STATE OF TEXAS §
 §
COUNTY OF TRAVIS §

This instrument was acknowledged before me on this 21st day of May, 2019, by Holton L. Burns.



Notary Public in and for the State of Texas

RP-2019-213822

EXHIBIT A

Legal Description of the Land

All that certain 11,960 square feet of land being a portion of Lot 7 and 12 and all of Lot 6 Block 113, S. S. B. B. Addition, Houston, Harris County, Texas and being all that certain called Tract 1 and Tract 2 as described in that certain deed dated 01-23-2017 from Duke Furrh to The Estate of Lucy Reed Hibberd filed in the Official Public Records of Real Property of Harris County, Texas in Clerk's File No.201728672 and being more particularly described by metes and bound as follows:

Beginning at a found "X" in concrete located in the east right-of-way line of Jackson Street (80' wide) and being the southwest corner of Unrestricted Reserve A Block 1 City view Lofts according to the plat thereof file in Film Code No. 621290 of the Maps Records of Harris County, Texas;

THENCE S 59° 43' 13" E - 131.67', with the south line of said Unrestricted Reserve A, to a set 5/8" iron rod with cap for corner;

THENCE S 33° 10' 47" W - 94.28', with the west line of Unrestricted Reserve C Block 1 City view Lofts according to the plat thereof file in Film Code No. 621290 of the Maps Records of Harris County, Texas to a set "X" in concrete corner;

THENCE N 56° 49' 13" W - 131.50', with the north right-of-way of Commerce Avenue (80' wide), to a set "X" in concrete for corner;

THENCE N 33° 10' 47" E - 87.62' with the east right-of-way line of said Jackson Street to the POINT OF BEGINNING

and containing 11,960 square feet (0.2746 acre) of land, more or less.

RP-2019-213822

EXHIBIT B

Permitted Exceptions

Rights of Parties in Possession.

Rights of tenants, as tenants only, under unrecorded leases or rental agreements.

All leases, grants, exceptions or reservations of coal, lignite, oil, gas and other minerals, together with all rights, privileges, and immunities relating thereto, appearing in the Public Records whether listed herein or not. There may be leases, grants, exceptions or reservations of mineral interest that are not listed.

Terms, conditions, and stipulations in Memorandum of Lease Agreement:

Lessor: Lucy Reed Hibberd, Holton L. Burns and Duke Furrh

Lessee: T-Mobile West LLC, a Delaware limited liability company

Recorded: 4/2/2014 in County Clerk's File No. 20140133044 of the Official Public Records of Harris County, Texas

The property covered herein is subject to the terms, conditions, provisions and stipulations of Ordinance #85-1878, dated October 23, 1985 by the City of Houston, a certified copy of which was filed August 1, 1991 under County Clerk's File No. N253886 (superseded by City of Houston Ordinance #1999-262, passed March 24, 1999, and amendments), pertaining to the platting and replatting of real property and the establishment of building set back lines along major thoroughfares within such boundaries.

Ordinance No. 91-1701 by The City of Houston, regarding the planting, preservation and maintenance of trees and decorative landscaping, a certified copy of which is filed under Harris County Clerk's File No. N-556388, Official Public Records, Harris County, Texas.

After Recording Return To:
Riverway Title
5 Riverway, Suite 300
Houston, Texas 77056

Riverway Title
GF 190258-3K

RP-2019-213822

RP-2019-213822
Pages 6
05/22/2019 01:46 PM
e-Filed & e-Recorded in the
Official Public Records of
HARRIS COUNTY
DIANE TRAUTMAN
COUNTY CLERK
Fees \$32.00

RECORDERS MEMORANDUM

This instrument was received and recorded electronically and any blackouts, additions or changes were present at the time the instrument was filed and recorded.

Any provision herein which restricts the sale, rental, or use of the described real property because of color or race is invalid and unenforceable under federal law.

THE STATE OF TEXAS
COUNTY OF HARRIS

I hereby certify that this instrument was FILED in File Number Sequence on the date and at the time stamped hereon by me; and was duly RECORDED in the Official Public Records of Real Property of Harris County, Texas.



Diane Trautman

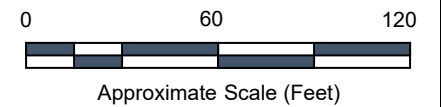
COUNTY CLERK
HARRIS COUNTY, TEXAS

RP-2019-213822



LEGEND

 Property Boundary



InControl Technologies
 14731 Pebble Bend Drive
 Houston, Texas 77068
 (281) 580-8892 FAX (281) 580-8853

Proposed MSD Boundary

SITE: Fmr Wilson Stationery & Printing		PM: LG
LOCATION: 1701 Commerce St Houston, TX 77002		CHECKED:
DETAILED: 3/3/2021	DESIGNED: LMG	PROJECT NO: E19038-101
		FIGURE: A

Appendix B

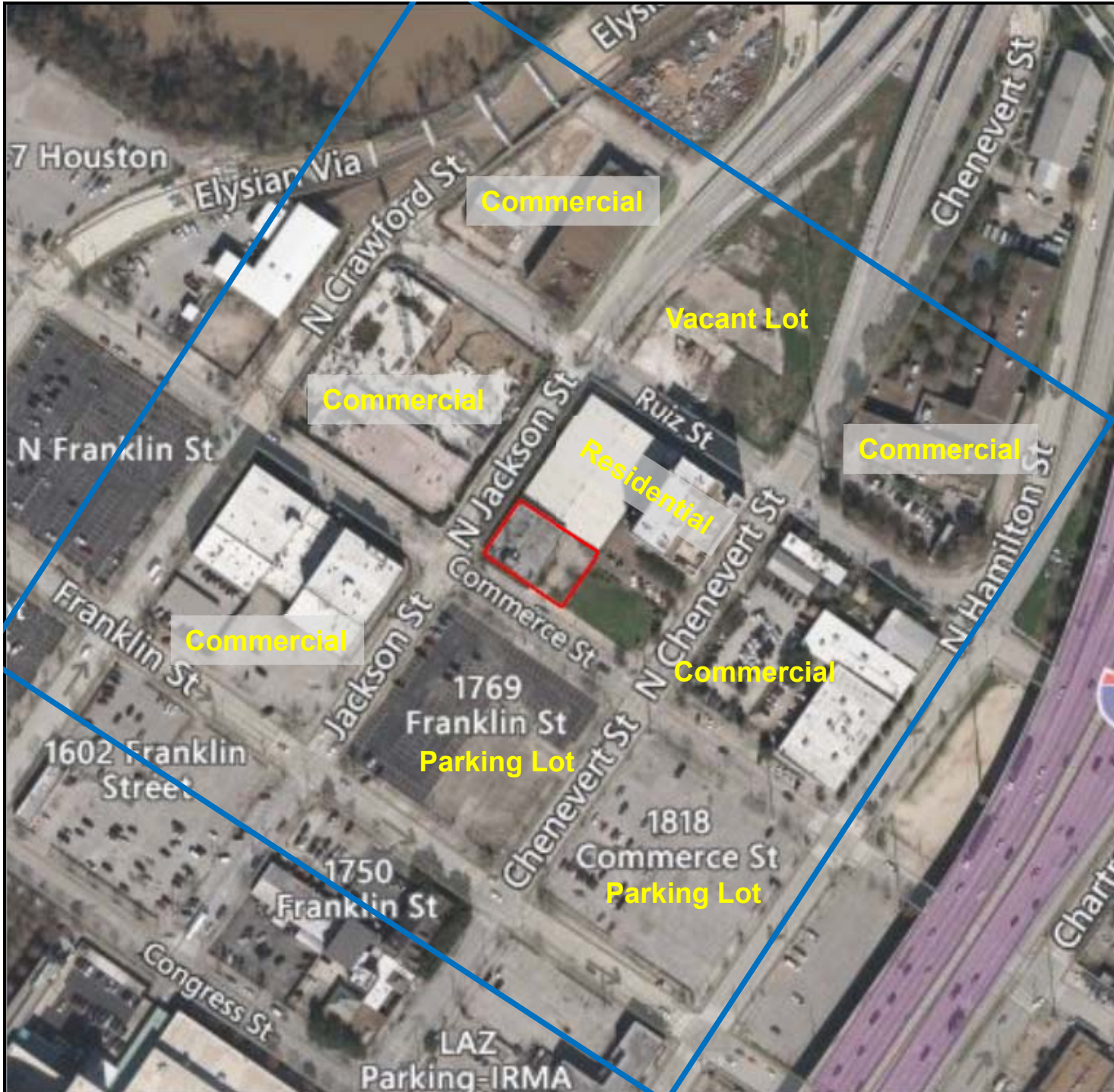
A description of the current use, and, to the extent known, the anticipated use(s), of the designated property and properties within 500 feet of the boundary of the designated property.

The proposed MSD area is 0.2746-acres of land located northeast of downtown Houston, Harris County, Texas. The affected property is in an area that is a mix of commercial and residential. **Figure B** provides a description of the surrounding land use within 500-feet of the site.

The subject property is developed with one vacant multi-story building. The anticipated use of the subject property in the future is likely multi-family development. The existing building will be repurposed and not demolished.

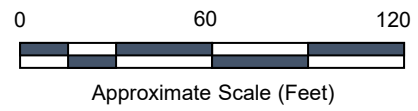
The surrounding land use is described as:

- North – multi-family condo building and parking garage, then vacant land;
- East – commercial businesses and restaurant;
- South – surface parking lots, commercial business;
- West – commercial business.



LEGEND

- Property Boundary
- 500 ft Boundary



InControl Technologies
 14731 Pebble Bend Drive
 Houston, Texas 77068
 (281) 580-8892 FAX (281) 580-8853

Surrounding Property Usage

SITE: Fmr Wilson Stationery & Printing		PM: LG	
LOCATION: 1701 Commerce St Houston, TX 77002		CHECKED:	
DETAILED: 3/3/2021	DESIGNED: LMG	PROJECT NO: E19038-101	FIGURE: B

Appendix C

A site map showing:

- a. The location of the designated property.
- b. The topography of the designated property as indicated on publicly available sources, which must note the watershed including the nearest surface water body and whether the designated property is located in a floodplain or floodway, as those terms are defined in Chapter 19 of the Code of Ordinances.
- c. The detected area of groundwater contamination.
- d. The location of all soil sampling locations and all groundwater monitoring wells.
- e. Groundwater gradients, to the extent known, and direction of groundwater flow.
- f. The ingestion protective concentration level exceedance zone for each contaminant of concern, to the extent known.
- g. Depth to groundwater for each affected zone.

The following is a listing of figures included in **Appendix C**.

Figure C1 – Topographic Map

Figure C2 – Watershed Map

Figure C3 – Flood Plain Map

Figure C4 – TCE Concentrations in Groundwater (March 2021)

Figure C5 – Soil Boring Location Map

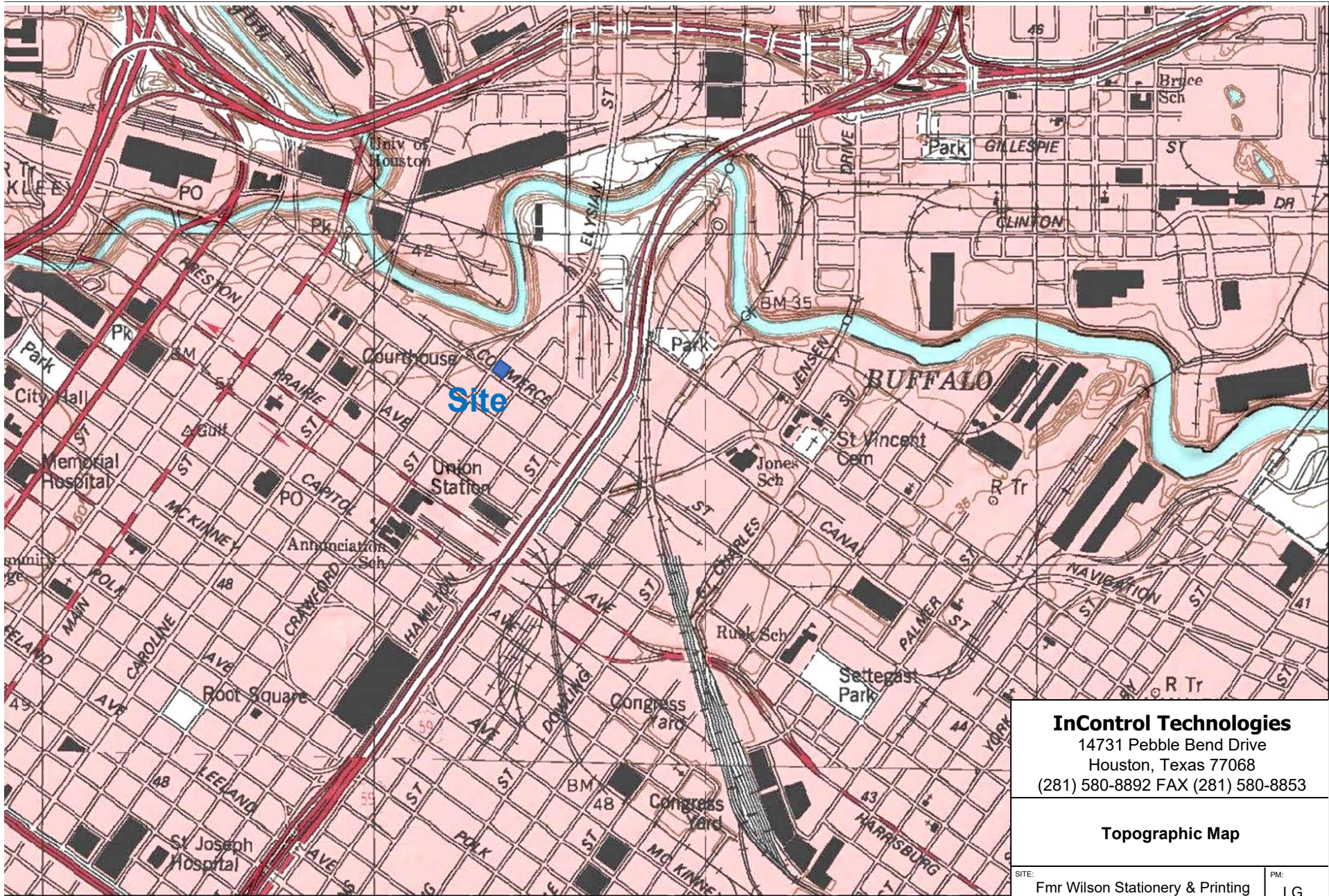
Figure C6 – Groundwater Monitoring Well Location Map

Figure C7 – Groundwater Gradient Map (March 2021)

The subject property is located in the Buffalo Bayou watershed (**Figure C2**) and the property is not located within the 100-year floodplain (**Figure C3**).

Figure C4 depicts the PCL exceedance zone for Trichloroethene associated with the subject property. **Figure C5** depicts the locations of the groundwater samples. The groundwater gradient flows to the northeast at 0.036 feet/foot (**Figure C6**). The primary chemical of concern (COC) is trichloroethene (TCE).

The first groundwater bearing unit is comprised of a clayey sand or sandy clay and is encountered at a depth of approximately 30- to 35-feet below ground surface (ft bgs) during drilling. The base of the first groundwater bearing unit is encountered at a depth of approximately 45-ft bgs and is underlain by a clay. The average static depth to groundwater in the monitoring wells is 17.5-ft bgs.



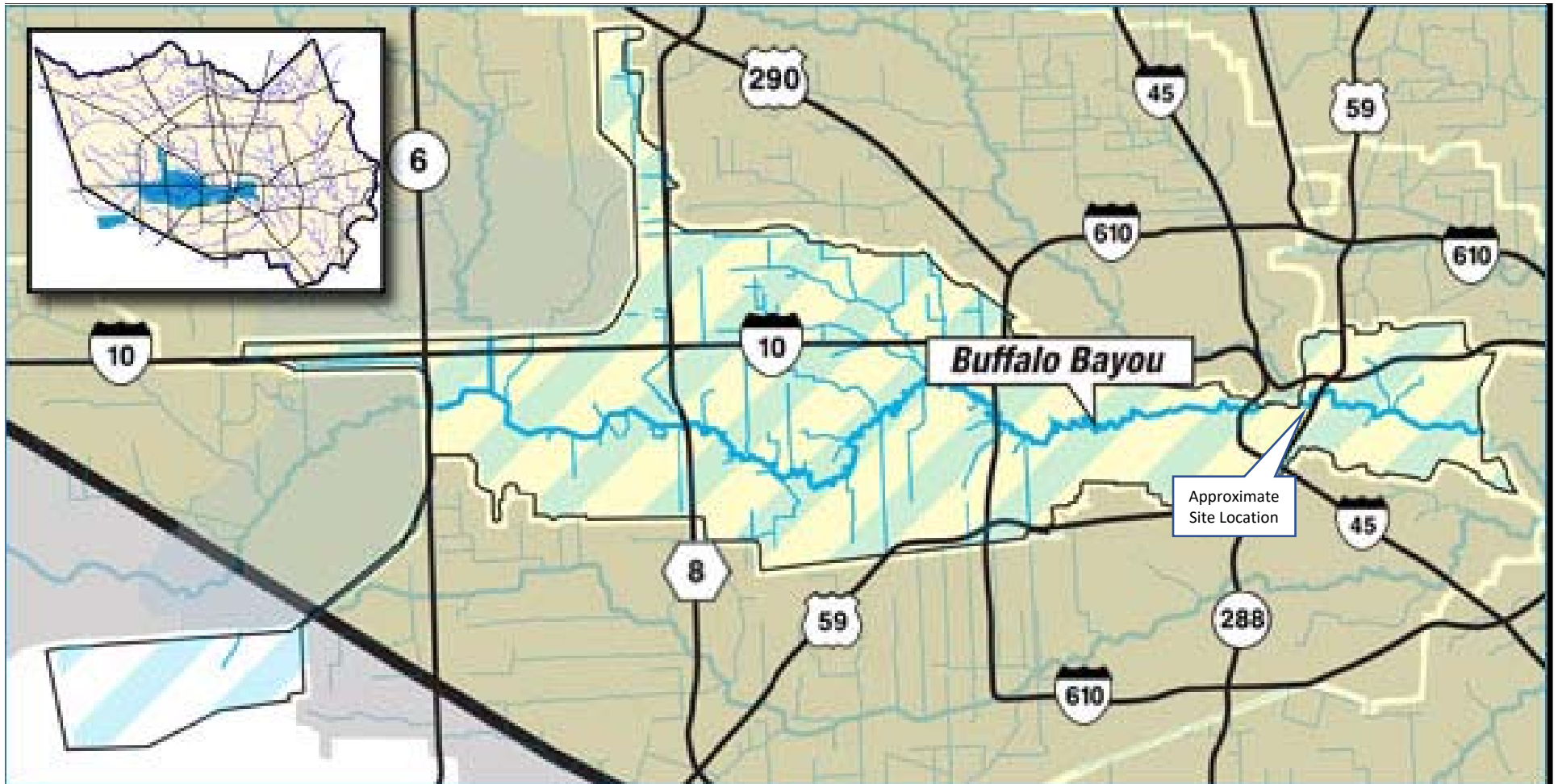
InControl Technologies
 14731 Pebble Bend Drive
 Houston, Texas 77068
 (281) 580-8892 FAX (281) 580-8853

Topographic Map

SITE: Fmr Wilson Stationery & Printing		PM: LG	
LOCATION: 1701 Commerce Street Houston, TX 77002		CHECKED:	
DETAILED: 3/3/2021	DESIGNED: LMG	PROJECT NO: E19038-101	FIGURE: C1



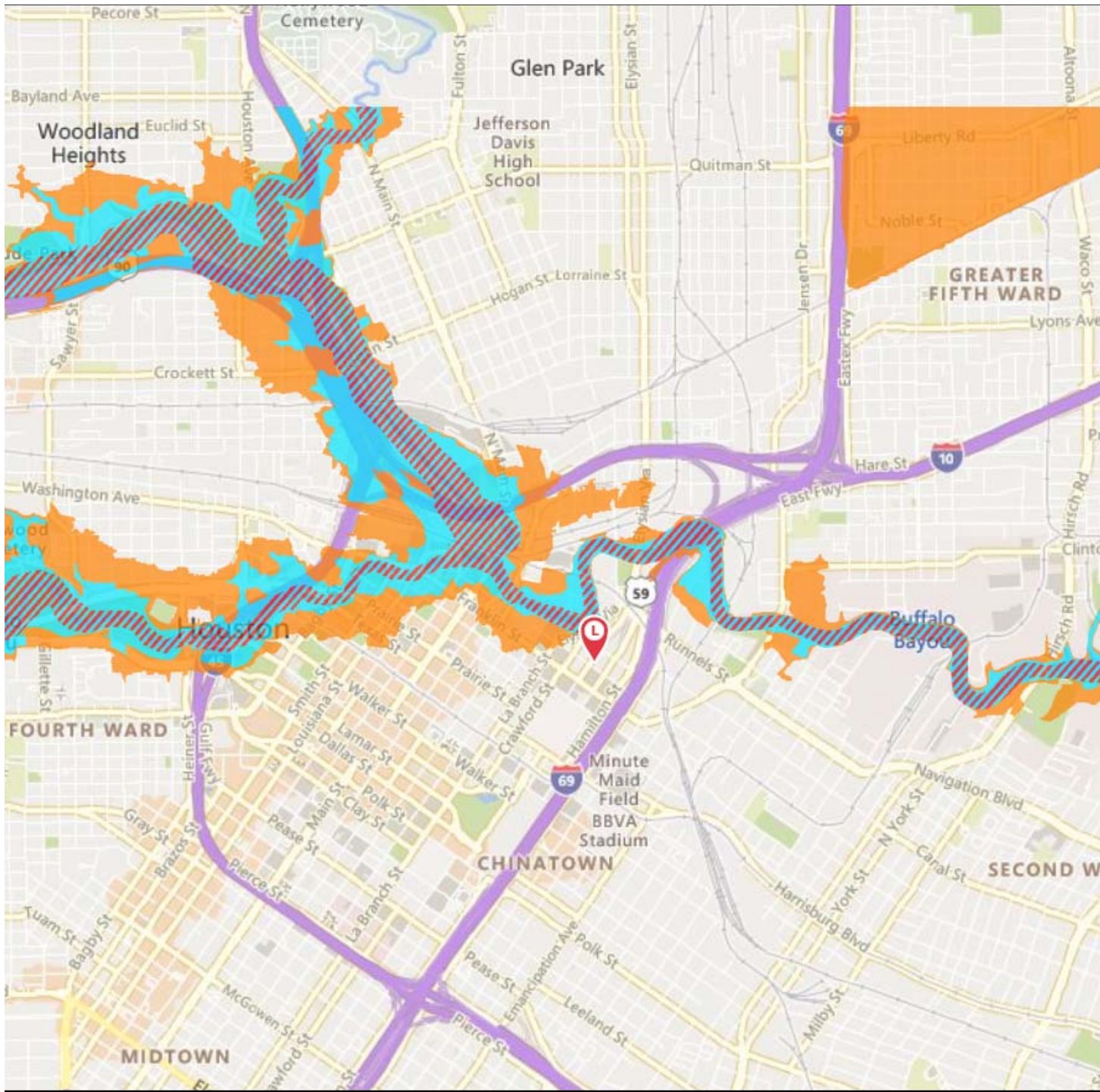
Map provided by MyTopo.com



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Watershed Map

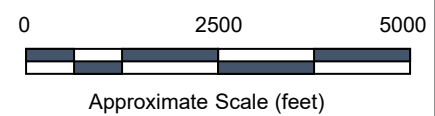
SITE: Fmr Wilson Stationery & Printing		PM: LG	
LOCATION: 1701 Commerce Street Houston, TX 77002		CHECKED:	
DETAILED: 3/3/2021	DESIGNED: LMG	PROJECT NO: E19038-101	FIGURE: C2



LEGEND

- L Site Location**
- Flood Hazard Zones**
 - 1% Annual Chance Flood Hazard
 - Regulatory Floodway
 - Special Floodway
 - Area of Undetermined Flood Hazard
 - 0.2% Annual Chance Flood Hazard
 - Future Conditions 1% Annual Chance Flood Hazard
 - Area with Reduced Risk Due to Levee
- Zone X: Area of Minimal Flood Hazard**

Site is in Zone X



InControl Technologies			
14731 Pebble Bend Drive Houston, Texas 77068 (281) 580-8892 FAX (281) 580-8853			
Flood Plain Map FIRM No. 48201C0690N Eff. 1/6/2017			
SITE:	Fmr Wilson Stationery & Printing	PM:	LG
LOCATION:	1701 Commerce St Houston, TX 77002	CHECKED:	
DETAILED:	DESIGNED:	PROJECT NO:	FIGURE:
33/2021	LMG	E19038-101	C3



LEGEND

- Property Boundary
- Permanent Monitoring Well
- TCE PCLE Zone

Concentrations in orange exceed a PCL



3/17/2022



Approximate Scale (Feet)

InControl Technologies
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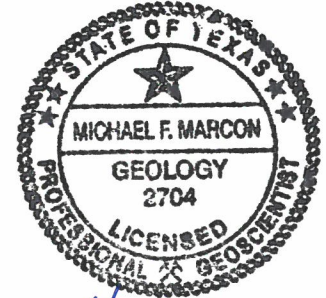
Trichloroethene in Groundwater
 February 2021

SITE: Fmr Wilson Stationery & Printing		PM: LG	
LOCATION: 1701 Commerce St Houston, TX 77002		CHECKED:	
DETAILED: 3/12/2021	DESIGNED: LMG	PROJECT NO: E19038-101	FIGURE: C4

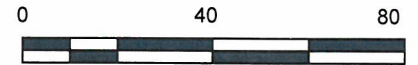


LEGEND

- Property Boundary
- ◆ Temporary Monitoring Well
- ◆ Soil Boring Location



MFM 3/17/2021
N



Approximate Scale (Feet)

InControl Technologies
14731 Pebble Bend Drive
Houston, Texas 77068
(281) 580-8892 FAX (281) 580-8853

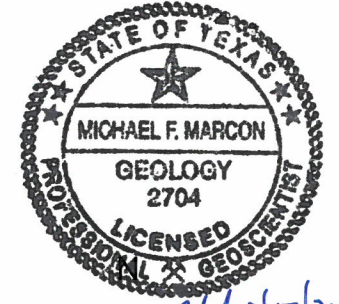
Soil Boring Location Map

SITE: Fmr Wilson Stationery & Printing		PM: LG	
LOCATION: 1701 Commerce St Houston, TX 77002		CHECKED:	
DETAILED: 3/3/2021	DESIGNED: LMG	PROJECT NO: E19038-101	FIGURE: C5

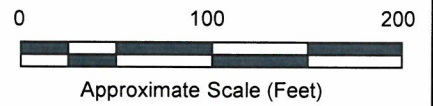


LEGEND

- Property Boundary
- Permanent Monitoring Well
- Communication Lines
- Gas Lines
- Water Lines
- Electrical Lines



MFM 3/17/2021



InControl Technologies
 14731 Pebble Bend Drive
 Houston, Texas 77068
 (281) 580-8892 FAX (281) 580-8853

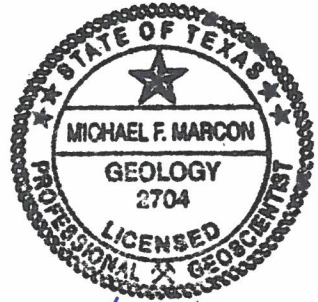
Permanent Groundwater Monitoring Well Location Map

SITE: Fmr Wilson Stationery & Printing		PM: LG
LOCATION: 1701 Commerce St Houston, TX 77002		CHECKED:
DETAILED: 3/3/2021	DESIGNED: LMG	PROJECT NO: E19038-101
		FIGURE: C6



LEGEND

- Property Boundary
- Permanent Monitoring Well
- Gradient Contour



Mf 3/17/2021
N



InControl Technologies
 14731 Pebble Bend Drive
 Houston, Texas 77068
 (281) 580-8892 FAX (281) 580-8853

**Groundwater Gradient
 March 2021**

SITE: Fmr Wilson Stationary & Printing		PM: LG	
LOCATION: 1701 Commerce St Houston, TX 77002		CHECKED:	
DETAILED: 3/12/2021	DESIGNED: ES	PROJECT NO: E19038-101	FIGURE: C7

Appendix D

For each contaminant of concern within the designated groundwater:

- a. A description of the ingestion protective concentration level exceedance zone and the non-ingestion protective concentration level exceedance zone, including a specification of the horizontal area and the minimum and maximum depth below ground surface.
- b. The level of contamination, the ingestion protective concentration level, and the non-ingestion protective concentration level, all expressed as mg/L units.
- c. Its basic geochemical properties (e.g. whether the contaminant of concern migrates with groundwater, floats, or is soluble in water).

Protective Concentration Level Exceedance (PCLE) Zone – A review of recent groundwater sampling data indicates that trichloroethene (TCE) is the only COC that exceeds a Tier 1 $^{GW}GW_{Ing}$ PCL.

None of the soil samples collected from the soil borings reported any volatile organic compounds above a Tier 1 Residential $^{GW}Soil_{Ing}$ PCL. Only one sample (HA-2 (3-4) even reported a concentration above a laboratory detection limit (**Table E1**). The soil sample collected from MW-5 in the 14- to 16-ft interval reported TPH above the Tier 1 Residential $^{GW}Soil_{Ing}$ PCL in the C12 to C28 carbon fraction (**Table E2**). The C6 to C12 and C28 to C35 carbon fractions reported estimated values of TPHs. All other samples were reported below the laboratory detection limit. Several metals analytes were reported above a Tier 1 Residential $^{GW}Soil_{Ing}$ PCL (**Table E3**). Lead was reported above the $^{Tot}Soil_{Comb}$ PCL in two surface soil samples collected under the slab of the building. Given that the building is not going to be removed, it serves as a cap over these lead exceedances and closes the dermal contact pathway.

The groundwater data collected since August 2019 shows very stable trends in the trichloroethene (TCE) concentration in the four monitoring wells that have reported concentrations above the $^{GW}GW_{Ing}$ PCL for several consecutive events. The PCLE zone is depicted on **Figure C4**. None of the other VOC compounds report concentrations above a PCL. The plume is laterally delineated by monitoring wells MW-1 and MW-2 to the west, MW-6 to the south, MW-8 to the east, and MW-7 and MW-9 to the north. Currently only monitoring wells MW-3, MW-4, MW-5, and MW-7 report TCE above a PCL. The current overall PCLE zone is approximately 380-feet long by 160-ft wide. A comparison of the groundwater sampling results with applicable non-ingestion PCLs ($^{Air}GW_{Inh-v}$) indicates that none of the groundwater samples reported a COC concentration above the $^{Air}GW_{Inh-v}$ PCL. Therefore, based on the recent groundwater monitoring results, there is no non-ingestion protective concentration level exceedance zone within the proposed MSD boundary.

Monitoring wells RW-1 and RW-2 were not installed by InControl Technologies as part of the plume delineation. It is believed they were installed by the owner of an adjacent property. However, in order to have additional data points, both wells were sampled and incorporated into the monitoring well network for the subject property.

A comparison of the groundwater sampling results with applicable non-ingestion protective concentration levels ($^{Air}GW_{Inh-v}$) indicates that none of the groundwater samples reported any COC above a $^{Air}GW_{Inh-v}$ PCL. Therefore, based on the recent groundwater monitoring results, besides the $^{GW}GW_{Ing}$ exceedances, there are no other protective concentration level exceedance zones within the proposed MSD boundary.

The first groundwater bearing unit is comprised of a clayey sand or sandy clay and is encountered at a depth of approximately 30- to 35-feet below ground surface (ft bgs) during drilling. The base of the first groundwater bearing unit is encountered at a depth of approximately 45-ft bgs and is underlain by a clay. The average static depth to groundwater in the monitoring wells is 17.5-ft bgs.

COC: Trichloroethene	
Maximum Concentration from analytical data	0.18 mg/L (MW-4; March 2020)
Ingestion-Based PCL (Residential ^{GW} GW _{Ing})	0.005 mg/L
Ingestion-Based PCLE Zone (approximate)	Length: 380 ft Width: 160 ft Vertical Extent: 15ft – 45ft below ground surface (bgs)
Non-Ingestion-Based PCL (^{Air} GW _{Inh-v})	24 mg/L
Non-Ingestion-Based PCLE Zone	NONE
<i>Geochemical/ Physical Properties</i>	
Molecular Weight	131.4 g/mol
Specific Gravity	1.46
Solubility in Water	soluble
Groundwater Migration	along groundwater gradient

COC: Cis-1,2-Dichloroethene	
Maximum Concentration from analytical data	0.06 mg/L (RW-2; March 2021)
Ingestion-Based PCL (Residential ^{GW} GW _{Ing})	0.07 mg/L
Ingestion-Based PCLE Zone (approximate)	Not Applicable
Non-Ingestion-Based PCL (^{Air} GW _{Inh-v})	1200 mg/L
Non-Ingestion-Based PCLE Zone	NONE
<i>Geochemical/ Physical Properties</i>	
Molecular Weight	96.96 g/mol
Specific Gravity	1.2837
Solubility in Water	6.41X10+3 mg/L at 25 °C
Groundwater Migration	along groundwater gradient

COC: Trans-1,2-Dichloroethene	
Maximum Concentration from analytical data	0.0016 J mg/L (RW-2; March 2021)
Ingestion-Based PCL (Residential ^{GW} GW _{Ing})	0.07 mg/L
Ingestion-Based PCLE Zone (approximate)	Not Applicable
Non-Ingestion-Based PCL (^{Air} GW _{Inh-v})	770 mg/L
Non-Ingestion-Based PCLE Zone	NONE
<i>Geochemical/ Physical Properties</i>	
Molecular Weight	96.94 g/mol
Specific Gravity	1.27
Solubility in Water	4.52X10+3 mg/L at 25 °C
Groundwater Migration	along groundwater gradient

COC: Vinyl Chloride	
Maximum Concentration from analytical data	0.0022 mg/L (MW-5; March 2020)
Ingestion-Based PCL (Residential ^{GW} GW _{Ing})	0.002 mg/L
Ingestion-Based PCLE Zone (approximate)	Not Currently Applicable
Non-Ingestion-Based PCL (^{Air} GW _{Inh-V})	3.8 mg/L
Non-Ingestion-Based PCLE Zone	NONE
<i>Geochemical/ Physical Properties</i>	
Molecular Weight	62.5
Specific Gravity	0.9106
Solubility in Water	2763 mg/L @ 25°C
Groundwater Migration	along groundwater gradient

Appendix E

A table displaying the following information for each contaminant of concern, to the extent known:

- a. The maximum concentration level for soil and groundwater, the ingestion protective concentration level, and the non-ingestion protective concentration level, all expressed as mg/L units.
- b. The critical protective concentration level without the municipal setting designation, highlighting any exceedences.

Appendix E contains tables summarizing the concentration levels for the primary chemicals of concern in soil and groundwater. The tables include the concentration level, the ingestion protective concentration limits ($^{GW}Soil_{Ing}$ for soil and $^{GW}GW_{Ing}$ for groundwater), the non-ingestion protective concentration limits for soil ($^{Tot}Soil_{Comb}$ and $^{Air}Soil_{Inh-V}$) and groundwater ($^{Air}GW_{Inh-V}$), the critical protective concentration limits assuming no MSD is in place ($^{GW}Soil_{Ing}$ for soil and $^{GW}GW_{Ing}$ for groundwater), and the critical PCLs assuming that an MSD is in place ($^{Tot}Soil_{Comb}$ for soil and $^{Air}GW_{Inh-V}$ for groundwater). The following is a list of the tables in **Appendix E**.

Table E1	Volatile Organic Compounds (VOCs) in Soil
Table E2	Total Petroleum Hydrocarbons (TPH) in Soil
Table E3	RCRA Metals in Soil
Table E4	Volatile Organic Compounds (VOCs) in Groundwater
Table E5	Total Petroleum Hydrocarbons (TPH) in Soil
Table E6	RCRA Metals in Groundwater

Table E1
Summary of Volatile Organic Compounds in Soil
Former Wilson Stationery Printing
1701 Commerce Street, Houston, TX 77002
VCP No. 3063

Sample ID	Depth	Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethene	Benzene	Toluene	Ethylbenzene	Xylenes, Total	Methyl tert-butyl ether
	(ft)		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Residential	Soil _{Comb} ^{Tot}		710	18	140	590	3.7	2300	120	5900	6400	6000	800
Residential	Soil _{Ing} ^{GW}		0.05	0.034	0.25	0.49	0.022	0.05	0.026	8.2	7.6	120	0.62
TMW-1	10-12	6/21/2019	<0.00062	<0.00054	<0.00071	<0.00045	<0.00071	<0.00045	<0.00045	<0.00054	<0.00062	<0.00089	<0.00045
TMW-2	8-10	6/21/2019	<0.00071	<0.0006	<0.00081	<0.0005	<0.00081	<0.0005	<0.0005	<0.0006	<0.00071	<0.001	<0.0005
TMW-3	10-12	6/21/2019	<0.00066	<0.00057	<0.00076	<0.00047	<0.00076	<0.00047	<0.00047	<0.00057	<0.00066	<0.00095	<0.00047
TMW-4	10-12	6/21/2019	<0.00077	<0.00066	<0.00088	<0.00055	<0.00088	<0.00055	<0.00055	<0.00066	<0.00077	<0.0011	<0.00055
HA-1	3-4	7/17/2019	<0.00069	<0.0006	<0.00079	<0.0005	<0.00079	<0.0005	<0.0005	<0.0006	<0.00069	<0.00099	<0.0005
	7-8	7/17/2019	<0.00067	<0.00058	<0.00077	<0.00048	<0.00077	<0.00048	<0.00048	<0.00058	<0.00067	<0.00096	<0.00048
HA-2	3-4	7/17/2019	<0.00099	<0.00085	<0.0011	<0.00071	<0.0011	<0.00071	<0.00071	0.0016 J	<0.00099	<0.0014	<0.00071
	7-8	7/17/2019	<0.00072	<0.00062	<0.00083	<0.00052	<0.00083	<0.00052	<0.00052	<0.00062	<0.00072	<0.001	<0.00052
HA-3	3-4	7/17/2019	<0.00072	<0.00062	<0.00083	<0.00052	<0.00083	<0.00052	<0.00052	<0.00062	<0.00072	<0.001	<0.00052
	7-8	7/17/2019	<0.0007	<0.0006	<0.0008	<0.0005	<0.0008	<0.0005	<0.0005	<0.0006	<0.0007	<0.001	<0.0005
HA-4	3-4	7/17/2019	<0.00069	<0.00059	<0.00079	<0.00049	<0.00079	<0.00049	<0.00049	<0.00059	<0.00069	<0.00099	<0.00049
	7-8	7/17/2019	<0.00069	<0.00059	<0.00079	<0.00049	<0.00079	<0.00049	<0.00049	<0.00059	<0.00069	<0.00099	<0.00049
HA-5	3-4	7/17/2019	<0.00071	<0.00061	<0.00082	<0.00051	<0.00082	<0.00051	<0.00051	<0.00061	<0.00071	<0.001	<0.00051
	7-8	7/17/2019	<0.00068	<0.00059	<0.00078	<0.00049	<0.00078	<0.00049	<0.00049	<0.00059	<0.00068	<0.00098	<0.00049
HA-6	3-4	7/17/2019	<0.00068	<0.00059	<0.00078	<0.00049	<0.00078	<0.00049	<0.00049	<0.00059	<0.00068	<0.00098	<0.00049
	7-8	7/17/2019	<0.00071	<0.00061	<0.00081	<0.0005	<0.00081	<0.0005	<0.0005	<0.00061	<0.00071	<0.001	<0.0005
MW-5	4-5	10/3/2019	<0.00087	<0.00074	<0.00099	<0.00062	<0.00099	<0.00062	<0.00062	<0.00074	<0.00087	<0.0012	<0.00062
	8-10	10/3/2019	<0.00073	<0.00063	<0.00084	<0.00052	<0.00084	<0.00052	<0.00052	<0.00063	<0.00073	<0.001	<0.00052
	14-16	10/3/2019	<0.00061	<0.00052	<0.0007	<0.00044	<0.0007	<0.00044	<0.00044	<0.00052	<0.00061	<0.00087	<0.00044

Notes: <: Analyte was not detected at or above the reported sample detection limit
J: Analyte was detected at the concentration less than the method detection limit

Table E2
Summary of Total Petroleum Hydrocarbons in Soil
Former Wilson Stationery Printing
1701 Commerce Street, Houston, TX 77002
VCP No. 3063

Sample ID	Depth (ft)	Date	C6 to C12 mg/kg	>C12 to C28 mg/kg	>C28 to C35 mg/kg	C6 to C35 (Total) mg/kg
Residential	^{Tot} Soil _{Comb}		1600	2300	2300	
Residential	^{GW} Soil _{Ing}		65	200	200	
TMW-1	10-12	6/21/2019	<6.7	<8.9	<8.9	<6.7
TMW-2	8-10	6/21/2019	<7.3	<9.6	<9.6	<7.3
TMW-3	10-12	6/21/2019	<7.3	<9.6	<9.6	<7.3
TMW-4	10-12	6/21/2019	<7.4	<9.7	<9.7	<7.4
HA-1	3-4	7/17/2019	<6.5	<8.6	<8.6	<6.5
	7-8	7/17/2019	<6	<8	<8	<6
HA-2	3-4	7/17/2019	<7.2	<9.5	<9.5	<7.2
	7-8	7/17/2019	<5.8	<7.7	<7.7	<5.8
HA-3	3-4	7/17/2019	<5.5	<7.3	<7.3	<5.5
	7-8	7/17/2019	<5.3	<7	<7	<5.3
HA-4	3-4	7/17/2019	<7.4	<9.8	<9.8	<7.4
	7-8	7/17/2019	<7.6	<10	<10	<7.6
HA-5	3-4	7/17/2019	<8.3	<11	<11	<8.3
	7-8	7/17/2019	<7.7	<10	<10	<7.7
HA-6	3-4	7/17/2019	<7.6	<10	<10	<7.6
	7-8	7/17/2019	<8	<11	<11	<8
MW-5	4-5	10/3/2019	<7.4	<9.8	<9.8	<7.4
	8-10	10/3/2019	<8.2	<11	<11	<8.2
	14-16	10/3/2019	42 J	210	20 J	272

Notes: Exceeds ^{GW}Soil_{Ing}

<: Analyte was not detected at or above the reported sample detection limit

J: Analyte was detected at the concentration less than the method detection limit

Table E3
Summary of RCRA Metals in Soil
Former Wilson Stationery Printing
1701 Commerce Street, Houston, TX 77002
VCP No. 3063

Sample ID	Depth	Date	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
	(ft)		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Residential	Tot Soil _{Comb}		24	8100	52	33000	500	3.6	310	97
Residential	GW Soil _{Ing}		5.9	440	1.5	2400	15	0.04	2.3	0.48
Background			5.9	300		30	15	0.04	0.3	
HA-1	0-2	7/17/2019	11.5	202	0.371 J	17.1	173	0.214	1.68	0.195 J
HA-2	0-2	7/17/2019	3.37	182	0.0374 J	19.7	48.8	0.195	1.22	0.0949 J
HA-3	0-2	7/17/2019	3.99	267	0.254 J	19.3	214	0.541	1.37	0.305 J
HA-4	0-2	7/17/2019	3.78	314	0.323 J	17.5	620	0.475	1.68	0.444 J
	3-4	7/17/2019	-	-	-	-	41.5	-	-	-
HA-5	0-2	7/17/2019	3.47	227	0.0319 J	23.5	14	0.0151	1.8	0.0343 J
HA-6	0-2	7/17/2019	5.74	296	0.615	16.8	2380	0.608	1.44	0.557
	3-4	7/17/2019	-	-	-	-	72.9	-	-	-

Notes:

- Exceeds Tot Soil_{Comb}
- Exceeds GW Soil_{Ing}

J: Analyte was detected at the concentration less than the method detection limit

Table E4
Summary of Volatile Organic Compounds in Groundwater
Former Wilson Stationery Printing
1701 Commerce Street, Houston, TX 77002
VCP No. 3063

Sample ID	Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethene	1,2-Dichloroethane	Benzene	Toluene	Ethylbenzene	Xylenes, Total	Methyl tert-butyl ether	Chlorobenzene	tert-Butylbenzene
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Residential	^{GW} GW _{ing}	0.005	0.005	0.07	0.1	0.002	0.007	0.005	0.005	1	0.7	10	0.24	0.1	0.98
MW-1	8/21/2019	<0.0006	0.0046 J	0.0038 J	<0.0004	<0.0004	<0.0005	<0.0005	<0.0006	<0.0005	<0.0005	<0.0005	0.0014 J	<0.0004	<0.0006
	1/16/2020	<0.0006	0.0042 J	0.004 J	<0.0004	<0.0004	<0.0005	<0.0005	<0.0006	<0.0005	<0.0005	<0.0005	0.00096 J	<0.0004	<0.0006
	3/24/2020	<0.0003	0.0064	0.005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0003	<0.0003	<0.0002	<0.0003	<0.0003
	7/2/2020	<0.0003	0.0045	0.0037	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0003	<0.0003	0.00086 J	<0.0003	<0.0003
	10/14/2020	<0.0006	0.0027 J	0.0032 J	<0.0004	<0.0004	<0.0005	-	-	-	-	-	-	-	-
	3/3/2021	<0.0006	0.0049 J	0.0054	<0.0004	0.00053 J	<0.0005	-	-	-	-	-	-	-	-
MW-2	8/21/2019	<0.0006	0.0038 J	0.00081 J	<0.0004	<0.0004	<0.0005	<0.0005	<0.0006	<0.0005	<0.0005	<0.0005	0.0012 J	<0.0004	<0.0006
	1/16/2020	<0.0006	0.0032 J	0.00075 J	<0.0004	<0.0004	<0.0005	<0.0005	<0.0006	<0.0005	<0.0005	<0.0005	0.00088 J	<0.0004	<0.0006
	3/24/2020	<0.0003	0.0034	0.00088 J	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0003	<0.0003	<0.0002	<0.0003	<0.0003
	7/2/2020	<0.0003	0.004	0.00092 J	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0003	<0.0003	0.0008 J	<0.0003	<0.0003
	10/14/2020	<0.0006	0.0034 J	0.0013 J	<0.0004	<0.0004	<0.0005	-	-	-	-	-	-	-	-
	3/3/2021	<0.0006	0.0035 J	0.0017 J	<0.0004	<0.0004	<0.0005	-	-	-	-	-	-	-	-
MW-3	8/21/2019	<0.0006	0.06	0.022	0.00043 J	0.00063 J	<0.0005	<0.0005	<0.0006	<0.0005	<0.0005	<0.0005	0.0027 J	<0.0004	<0.0006
	1/16/2020	<0.0006	0.061	0.02	0.00051 J	0.00054 J	<0.0005	<0.0005	<0.0006	<0.0005	<0.0005	<0.0005	0.0018 J	<0.0004	<0.0006
	3/24/2020	<0.0003	0.075	0.023	0.00073 J	0.00071 J	<0.0002	<0.0002	<0.0002	<0.0002	<0.0003	<0.0003	<0.0002	<0.0003	<0.0003
	7/2/2020	<0.0003	0.068	0.02	0.00048 J	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0003	<0.0003	0.00089 J	<0.0003	<0.0003
	10/14/2020	<0.0006	0.06	0.022	0.00061 J	0.00079 J	<0.0005	-	-	-	-	-	-	-	-
	3/3/2021	<0.0006	0.047	0.024	0.00063 J	0.00091 J	<0.0005	-	-	-	-	-	-	-	-
MW-4	8/21/2019	<0.0006	0.14	0.034	<0.0004	<0.0004	<0.0005	<0.0005	<0.0006	<0.0005	<0.0005	<0.0005	0.0014 J	<0.0004	<0.0006
	9/4/2019	<0.0006	0.17	0.044	0.00054 J	0.00052 J	<0.0005	<0.0005	<0.0006	<0.0005	<0.0005	<0.0005	0.0016 J	0.001 J	<0.0006
	1/16/2020	<0.0006	0.16	0.035	0.00041 J	<0.0004	<0.0005	<0.0005	<0.0006	<0.0005	<0.0005	<0.0005	0.0011 J	<0.0004	<0.0006
	3/24/2020	<0.0003	0.18	0.04	<0.0002	<0.0002	<0.0002	<0.0002	0.00028 J	<0.0002	<0.0003	<0.0003	<0.0002	<0.0003	<0.0003
	7/2/2020	<0.0003	0.17	0.036	0.00068 J	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0003	<0.0003	0.0011	<0.0003	<0.0003
	10/14/2020	<0.0006	0.15	0.042	0.0013 J	<0.0004	<0.0005	-	-	-	-	-	-	-	-
	3/3/2021	<0.0006	0.13	0.047	0.001 J	<0.0004	<0.0005	-	-	-	-	-	-	-	-

Quarterly groundwater monitoring began in August 2019. The most recent sampling data shows that the plume is laterally delineated in all directions. The groundwater flowed to the northeast at a gradient of 0.036 ft/ft during the March 2021 sampling event (**Figure C7**). Chlorinated hydrocarbons were present in groundwater at concentrations greater than the applicable Tier 1 ^{GW}GW_{ing} PCLs during the March 2021 sampling event. The PCLE zone is depicted on **Figure C4**.

Monitoring wells RW-1 and RW-2 were not installed by InControl Technologies as part of the plume delineation. It is believed they were installed by the owner of an adjacent property. However, in order to have additional data points, both wells were sampled and incorporated into the monitoring well network for the subject property.

Ten (10) water well records were identified within a ½-mile radius of the proposed Municipal Setting Designation (MSD) boundary. The nearest domestic or public supply well is located approximately 0.436-miles from the subject property in the downgradient direction. Within a 5-mile radius of the proposed MSD boundary, typical completion depths are greater than 300-ft bgs.

Buffalo Bayou is located approximately 560-feet northwest of the proposed MSD boundary. Buffalo Bayou is not threatened by the groundwater plume (**Figure C1**).

Table E4
Summary of Volatile Organic Compounds in Groundwater
Former Wilson Stationery Printing
1701 Commerce Street, Houston, TX 77002
VCP No. 3063

Sample ID	Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethene	1,2-Dichloroethane	Benzene	Toluene	Ethylbenzene	Xylenes, Total	Methyl tert-butyl ether	Chlorobenzene	tert-Butylbenzene
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Residential	^{GW} GW _{Ing}	0.005	0.005	0.07	0.1	0.002	0.007	0.005	0.005	1	0.7	10	0.24	0.1	0.98
MW-9	10/16/2020	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005	-	-	-	-	-	-	-	-
	3/3/2021	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005	-	-	-	-	-	-	-	-
RW-1	10/14/2020	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005	-	-	-	-	-	-	-	-
	3/3/2021	<0.0006	<0.0005	0.0019 J	<0.0004	<0.0004	<0.0005	-	-	-	-	-	-	-	-
RW-2	3/3/2021	<0.0006	0.072	0.06	0.0016 J	0.0012 J	<0.0005	-	-	-	-	-	-	-	-

Notes:

 Exceeds ^{GW}GW_{Ing}

<: Analyte was not detected at or above the reported sample detection limit

J: Analyte was detected at the concentration less than the method detection limit

Table E5
Summary of Total Petroleum Hydrocarbons in Groundwater
Former Wilson Stationery Printing
1701 Commerce Street, Houston, TX 77002
VCP No. 3063

Sample ID	Date	C6 to C12	>C12 to C28	>C28 to C35	C6 to C35 (Total)
		mg/L	mg/L	mg/L	mg/L
Residential	^{GW} GW _{ing}	0.98	0.98	0.98	
TMW-1	6/21/2019	<0.2	<0.2	<0.2	<0.2
TMW-2	6/21/2019	<0.2	<0.2	<0.2	<0.2
TMW-3	6/21/2019	<0.19	<0.19	<0.19	<0.19
TMW-4	6/21/2019	<0.19	<0.19	<0.19	<0.19

Notes:

<: Analyte was not detected at or above the reported sample detection limit

Table E6
Summary of RCRA Metals in Groundwater Samples
Former Wilson Stationery Printing
1701 Commerce Street, Houston, TX 77002
VCP No. 3063

Sample ID	Date	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Residential	^{GW} GW _{Ing}	0.01	2	0.005	0.1	0.015	0.002	0.05	0.12
MW-1	8/21/2019	0.00172 J	0.0537	<0.0002	0.00114 J	<0.0006	<0.00003	0.00204	<0.0002
MW-2	8/21/2019	0.000957 J	0.0358	<0.0002	<0.0004	<0.0006	<0.00003	<0.0011	<0.0002
MW-3	8/21/2019	0.0011 J	0.0663	<0.0002	<0.0004	<0.0006	0.000081 J	<0.0011	<0.0002
MW-4	8/21/2019	0.000749 J	0.0365	<0.0002	0.00047 J	<0.0006	<0.00003	0.00121 J	<0.0002

Notes: <: Analyte was not detected at or above the reported sample detection limit
J: Analyte was detected at the concentration less than the method detection limit

Appendix F


If the plume extends beyond the limits of property owners listed in this application, list the owners of the additional property beneath which the plume(s) extend(s), and a summary of the interactions with those property owners about the plume(s) and this MSD application. *Please Note: You are not required under this item to notify affected property owners, only to provide a summary of who affected property owners are, and if there have been any communications. "No contact" can be an acceptable answer.*

Shallow groundwater was affected by dissolved phase chemicals including TCE, cis- and trans-1,2-DCE, and VC. The area of affected groundwater is depicted on **Figure C4**. Based on the results of the most recent groundwater monitoring and sampling event conducted in March 2021, the area of affected groundwater does extend off-site. Notice letters were sent to each of these offsite property owners on March 16, 2021 to notify them of the potential impact to their property. The property owners are identified on **Figure F**.

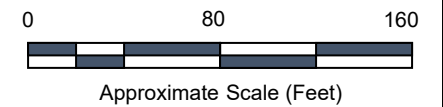
Property ID	HCAD Number	Property owner name	Physical property address, city, zip	Property owner mailing address, city, state, zip
1		City of Houston	Right-of-Way	611 Walker St, Houston, TX 77002
2	1307910010002	City Lofts, LLC	15 Chenevert St, Houston, TX 77002	1215 Gessner Rd, Houston, TX 77055-6013
3	1307910010003	City View II LLC	21 Chenevert St, Houston, TX 77002	1215 Gessner Rd, Houston, TX 77055-6013



LEGEND

 Proposed MSD Boundary

- 1: City of Houston ROW
- 2: City Loft, LLC
- 3: City View II LLC



InControl Technologies			
14731 Pebble Bend Drive Houston, Texas 77068 (281) 580-8892 FAX (281) 580-8853			
Affected Property Owners Map			
SITE: Fmr Wilson Stationery & Printing		PM: LG	
LOCATION: 1701 Commerce St Houston, TX 77002		CHECKED:	
DETAILED: 3/3/2021	DESIGNED: LMG	PROJECT NO: E19038-101	FIGURE: F

Appendix G

A statement as to whether the source of the plume has been removed, the plume of contamination is stable (i.e. no change) or contracting, and the plume is delineated, **with the basis for that statement.** Please include historical sampling data.

The source of the plume is believed to be the former Wilson Stationery & Printing facility that operated on the property between 1950 and 1975. The building has sat vacant for many years.

The current property owner, Byers Street Properties, is taking financial responsibility for the environmental cleanup of this property.

The groundwater data collected since August 2019 shows very stable trends in the trichloroethene (TCE) concentration in the four monitoring wells that have reported concentrations above the ^{GW}GW_{ing} PCL for several consecutive events. None of the other VOC compounds currently report concentrations above a PCL. The plume is laterally delineated by monitoring wells MW-1 and MW-2 to the west, MW-6 to the south, MW-8 to the east, and MW-7 and MW-9 to the north. Currently only monitoring wells MW-3, MW-4, and MW-5 report TCE above a PCL.

Monitoring wells RW-1 and RW-2 were not installed by InControl Technologies as part of the plume delineation. It is believed they were installed by the owner of an adjacent property. However, in order to have additional data points, both wells were sampled and incorporated into the monitoring well network for the subject property.

Appendix H

A statement as to whether contamination on and off the designated property without a Municipal Setting Designation will exceed a residential assessment level as defined in the Texas Risk Reduction Program or analogous residential level set by EPA, if known, and the basis for that statement.

On the Designated Property

As described in **Appendix D**, TCE was reported at concentrations that exceeded the TRRP residential assessment level without a municipal setting designation (^{GW}GW_{Ing}) (**Figure C4, Table E4**). A review of the most recent groundwater sampling data within the proposed MSD boundary confirms these findings.

Off the Designated Property

The area of impacted groundwater is delineated to the residential assessment level on the subject property for all VOCs except TCE. Trichloroethene was delineated to the residential assessment level within the City of Houston right-of-way to the south and on the City Lofts property to the north/northeast (**Figure C4**).

Appendix I

A statement as to whether contamination on and off the designated property with a Municipal Setting Designation will exceed a residential assessment level as defined in the Texas Risk Reduction Program or analogous residential level set by EPA, if known, and the basis for that statement.

Recent groundwater monitoring data from March 2021 indicate that the area of groundwater impact is delineated in all directions. Groundwater samples collected from all groundwater monitoring wells reported COC concentrations less than the Texas Risk Reduction Program (TRRP) residential ingestion exceedance level with a municipal setting designation ($^{Air}GW_{Inh-V}$). Therefore, there is no future contamination exceedance anticipated with the municipal designation for the subject property.

Appendix J

Identification of the points of origin of the contamination, to the extent known.

- a. **Please list the Potentially Responsible Party (PRP), if unknown, state unknown.
(applications without the PRP listed will be deemed incomplete)**
-

The source of the plume is believed to be the former Wilson Stationery & Printing facility that operated on the property between 1950 and 1975. The building has since been vacant for many years.

The current property owner, Byers Street Properties, is taking financial responsibility for the environmental cleanup of this property.

The current TCE plume is delineated in all directions.

Appendix K

Environmental regulatory actions, litigation, and plume identification.

- a. A description of any environmental regulatory actions that have been taken within the past five years in connection with the designated property, to the extent known.
 - b. A description of any litigation that has taken place within the past five years in connection with the designated property, to the extent known.
 - c. A statement as to whether there are any other remediation activities by the applicant, or any other party or agency, which are not listed in the application.
 - d. A statement as to which contamination plume and groundwater zone the applicant is including in the MSD.
-

To the best of our knowledge:

- a. No environmental regulatory actions have been taken in the last five years in connection with the designated property.
- b. No litigation has taken place in the last five years in connection with the designated property.
- c. There are no other known remediation activities by the applicant or any other party not listed in this application.
- d. The proposed MSD includes a VOC plume in the first groundwater bearing unit (GWBU). The first groundwater bearing unit is comprised of a clayey sand or sandy clay and is encountered at a depth of approximately 30- to 35-feet below ground surface (ft bgs) during drilling. The base of the first groundwater bearing unit is encountered at a depth of approximately 45-ft bgs and is underlain by a clay.

Appendix L

A listing of all existing state or EPA registrations, permits, and identification numbers that applies to the designated property.

Voluntary Cleanup Program

- VCP No. 3063

Texas State Customer Number

- Texas State Customer Number – CN605756527

Texas State Regulated Entity Number

- Texas State Regulated Entity Number – RN110976388

Appendix M

Provide evidence that the designated property is currently or has previously been under the oversight of the TCEQ or the United States Environmental Protection Agency, as required by the Texas Health & Safety Code §361.8065(c)(2)(A), and a description of the status of the designated property in the program (the program application number is sufficient evidence). Also, include the state or federal cleanup project manager's name.

The property located at 1701 Commerce St, Houston, Texas was enrolled in Texas Commission on Environmental Quality (TCEQ) Voluntary Cleanup Program in December 2019. The site was assigned VCP No. 3063 and is active in the program. At the time of this report, the project manager assigned to this site is Ms. Lisbeth Chavira.

Appendix N

A summary of any environmental site assessment reports filed with the TCEQ regarding any site investigations or response actions that are planned, ongoing or completed related to the designated property.

The following is a list of the environmental site assessment reports that have been filed with the TCEQ to date:

March 2021	Affected Property Assessment Report
April 2020	Groundwater Monitoring Report
June 2020	Drinking Water Survey Report
July 2020	Groundwater Monitoring Report
Nov 2020	Site Investigation Report

Appendix O

A statement as to whether any public drinking water supply system exists that satisfies the requirements of Chapter 341 of the Texas Health and Safety Code and that supplies or is capable of supplying drinking water to the designated property and property within one-half mile of the designated property and the identity of each supply system.

Drinking water for the subject property is provided by the City of Houston. Enclosed is a statement from the City of Houston regarding the requirements of Chapter 341 of the Texas Health and Safety Code. Properties within one-half mile of the designated property are supplied public drinking water by the City of Houston. Also enclosed is a figure illustrating the public water supply network in the vicinity of the designated property (**Figure O**).



CITY OF HOUSTON

Department of Public Works and Engineering

Policy Statement

To: Michael S. Marcotte, P.E., D.WRE, BCEE,
Director

From: Carol Ellinger Haddock, P.E.
Senior Assistant Director *CEH*
Planning & Development Services Division

Mark L. Loethen, P.E.
Acting Deputy Director
Planning & Development Services Division

Date: March 9, 2010
Subject: MSD applications in areas where the city
does not currently supply drinking water
but is capable of supplying drinking water

Policy

State regulations and City ordinances do not require that all properties within one-half mile of an MSD applicant's property be supplied with drinking water from the City, only that the City is capable of supplying drinking water to the area. Supporting an application for a Municipal Setting Designation (MSD) does not imply or commit the City to providing drinking water to the non-served properties within one-half mile of the site as a result of supporting the application. In addition, the MSD applicant must demonstrate that the area of contamination does not and will not impact any nearby water well(s), otherwise the applicant is responsible for connecting the well owner(s) to the City drinking water system at the applicant's expense.

Concurrence:

Handwritten signature of Mark L. Loethen in black ink.

4/2/2010

Mark L. Loethen, P.E.
Acting Deputy Director
Planning & Development Services Division

Handwritten signature of Michael S. Marcotte in black ink.

Michael S. Marcotte, P.E., D.WRE, BCEE,
Director
Public Works & Engineering Department

Background

In 2003, the Texas Legislature authorized the creation of Municipal Setting Designations (MSDs), which is an official state designation given to property within a municipality or its extraterritorial jurisdiction that certifies that designated groundwater at the property is prohibited for use as drinking water. The law is administered by Texas Commission on Environmental Quality (TCEQ) and requires local city support to designate an MSD. The intent of the legislation is to encourage redevelopment of vacant or abandoned properties while protecting the public health, by providing a less expensive and faster alternative to the existing state environmental regulations governing the investigation and cleanup of contaminated groundwater. On August 22, 2007, City Council approved an Ordinance amending Chapter 47 of the Code of Ordinances by adding Article XIII "Municipal Setting Designations" relating to groundwater, which provides a process to support or not support a MSD application to the State.

Opportunity

It is anticipated that MSD applications will be submitted where all properties within one-half mile of the proposed MSD boundary are not currently supplied with City drinking water but the City is capable of supplying drinking water in the area. The applicant must technically demonstrate that the area of contamination does not and will not impact any well(s) within one-half mile of the MSD boundary or the applicant is responsible for connecting the well owner(s) to the City drinking water system at the applicant's expense. Supporting MSD applications encourage redevelopment of vacant or abandoned properties and make timely completion of cleanup action achievable while still protecting public health.

Requirements

The TCEQ requires an MSD applicant to be located within the corporate limits or extraterritorial jurisdiction of a municipality that supplies or is capable of supplying drinking water to the applicant's property and properties within ½ mile of the applicant's property (§ 361.803¹). TCEQ does not require the municipality to supply drinking water to the area only that the municipality has the capacity to supply drinking water to the area. Also, Chapter 47 Section 765² of the City's Code of Ordinances only requires that a public drinking water supply system supply or is capable of supplying drinking water to the designated property and property within ½ mile of the proposed MSD boundary.

In addition, the TCEQ has established requirements (§ 361.808³) for the applicant if there are drinking water wells within ½ mile of the proposed MSD boundary. The applicant must determine if groundwater contamination on the site has caused or is likely to cause human health or ecological standards to be exceeded in the area located within ½ mile beyond the MSD boundary. If the investigation shows that the groundwater has not impacted any receptors in the area then the executive director will approve the MSD application. However if the investigation shows that the groundwater contamination has caused human health or ecological standards to be exceeded then the executive director will require the applicant to complete mandatory groundwater response actions including providing owners of impacted potable water wells a reliable alternate water supply. This puts the responsibility of connecting an impacted well owner to the City's potable water system firmly onto the applicant.

Conclusions

TCEQ does not require a municipality to supply drinking water to an MSD applicant's property and the properties within ½ mile of a proposed boundary, only that the municipality has the capacity to supply drinking water to the area.

While there is no regulation or ordinance that prevents the City from supporting an MSD application in an area where some of the surrounding properties are not supplied with drinking water from the City, PWE staff will evaluate support for these application on a site by site basis.

TCEQ requires the MSD applicant to determine if groundwater contamination from the applicant's property has or is likely to exceed human health or ecological standards. If the standards are exceeded the applicant will have to complete groundwater response actions to reduce the human health or ecological risks. These actions include providing owners of impacted potable water wells a reliable alternate water supply.

Regulations and Ordinances

¹ § 361.803. ELIGIBILITY FOR A MUNICIPAL SETTING DESIGNATION.

A person, including a local government, may submit a request to the executive director for a municipal setting designation for property if:

- (1) the property is within the corporate limits or extraterritorial jurisdiction of a municipality authorized by statute that has a population of at least 20,000; and
- (2) a public drinking water supply system exists that satisfies the requirements of Chapter 341 and that supplies or is capable of supplying drinking water to:
 - (A) the property for which designation is sought; and
 - (B) property within one-half mile of the property for which designation is sought.

² Sec. 47-765. City council public hearing.

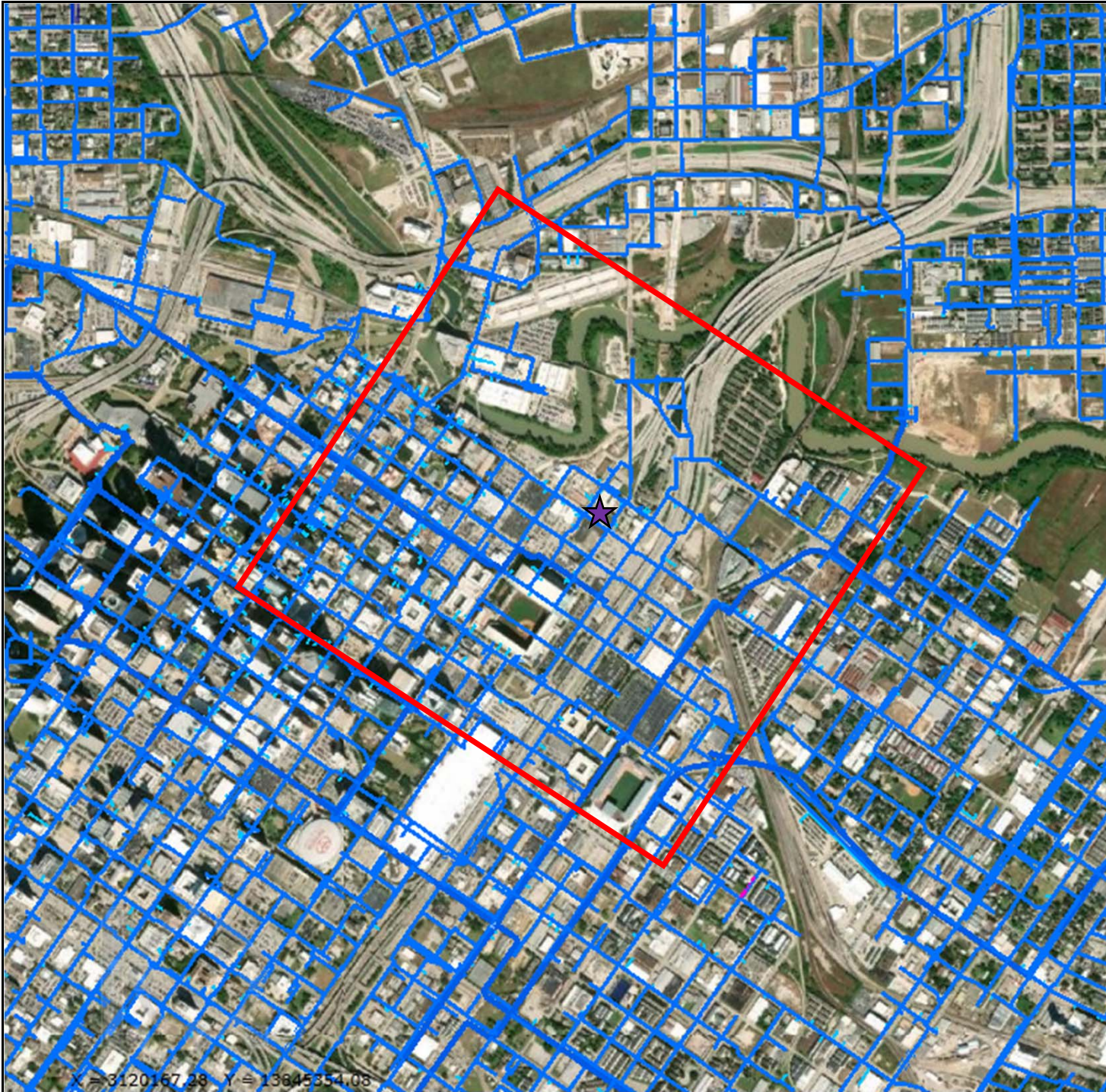
(e) The city council shall deny the application if it finds that:

- (1) It does not meet the eligibility criteria of section 361.803 of the Texas Health and Safety Code;
- (2) The municipal setting designation will have an adverse effect on the current or future water resource needs or obligations of the city; or

-
- (3) There is not a public drinking water supply system that satisfies the requirements of Chapter 341 of the Texas Health and Safety Code and that supplies or is capable of supplying drinking water to the designated property and property within one-half mile of the boundary of the designated property.

³ § 361.808. INVESTIGATION AND RESPONSE ACTION REQUIREMENTS.

- (a) If no potable water wells are located within one-half mile beyond the boundary of a municipal setting designation, the executive director shall not require a person addressing environmental impacts for a property located in the municipal setting designation to:
 - (1) investigate the nature and extent of contamination in groundwater except to satisfy the requirements of Subsection (b); or
 - (2) conduct response actions to remove, decontaminate, or control environmental impacts to groundwater based solely on potential potable water use.
- (b) Notwithstanding Subsection (a), the executive director shall require a responsible person to complete a response action to address environmental impacts to groundwater in a certified municipal setting designation if action is necessary to ensure:
 - (1) the protection of humans from exposures to environmental impacts to groundwater that are not related to a potable water use, including exposures from nonconsumptive uses and exposures resulting from inadvertent contact with contaminated groundwater; or
 - (2) the protection of ecological resources.
- (c) If potable water wells are located within one-half mile beyond the boundary of a municipal setting designation, the executive director shall require a person addressing environmental impacts for a property located in the municipal setting designation to complete an investigation to determine whether groundwater contamination emanating from the property has caused or is reasonably anticipated to cause applicable human health or ecological standards to be exceeded in the area located within one-half mile beyond the boundary of the certified municipal setting designation.
- (d) If an investigation described in Subsection (c) confirms that groundwater emanating from the property has not caused and is not reasonably anticipated to cause applicable human health or ecological standards to be exceeded in the area located within one-half mile beyond the boundary of the certified municipal setting designation, the executive director shall approve the completion of groundwater response actions at the property except to the extent that response actions are necessary to satisfy Subsection (b).
- (e) If an investigation described in Subsection (c) confirms that groundwater emanating from the property has caused or is reasonably anticipated to cause applicable human health or ecological standards to be exceeded in the area located within one-half mile beyond the boundary of the certified municipal setting designation, the executive director shall approve the completion of groundwater response action at the source property if the person addressing environmental impacts:
 - (1) completes response actions at the source property to remove, decontaminate, or control environmental impacts to groundwater to meet applicable human health or ecological standards; or
 - (2) completes response actions at the source property to remove, decontaminate, or control environmental impacts to groundwater that are not related to a potable water use, including actions to protect humans from exposures from nonconsumptive uses and exposures resulting from inadvertent contact with contaminated groundwater and actions to protect ecological resources, and:
 - (A) provides to owners of impacted potable water wells described in Subsection (c) a reliable alternate water supply that will provide a volume of water sufficient for the intended use for a period not shorter than the period that the impacted wells exceed the human health or ecological standards and, after obtaining permission from such owners, files a restrictive covenant that prohibits the use of groundwater from those wells as potable water and restricts other uses of groundwater in a manner consistent with groundwater quality; or
 - (B) expands the municipal setting designation in accordance with the procedures under this subchapter relating to the initial application for a municipal setting designation to include the properties with impacted potable water wells described in Subsection (c).
- (f) Notwithstanding any other provision of this section, the executive director may require a person responsible for property within a certified municipal setting designation to complete a response action to address environmental impacts to groundwater emanating from the property that has caused or is reasonably anticipated to cause applicable human health or ecological standards to be exceeded in an area located more than one-half mile beyond the boundary of the certified municipal setting designation, provided such action is necessary to ensure:
 - (1) the protection of humans from exposures to environmental impacts to groundwater; or
 - (2) the protection of ecological resources.
- (g) This subchapter relates to the scope of the response action that can be required by the executive director in municipal settings designated under this subchapter. Nothing in this subchapter shall be construed to alter or affect the private rights of action of any person under any statute or common law for personal injury or property damage caused by the release of contaminants. Nothing in this subchapter is meant to alter or supersede any requirement of a federally authorized environmental program administered by the State of Texas.



LEGEND

- ★ Site Location
- 0.5-mile Radius

N



0 1500 3000



Approximate Scale (Feet)

InControl Technologies
 14731 Pebble Bend Drive
 Houston, Texas 77068
 (281) 580-8892 FAX (281) 580-8853

Public Water Supply Network

SITE: Fmr Wilson Stationery & Printing		PM: LG	
LOCATION: 1701 Commerce St Houston, TX 77002		CHECKED:	
DETAILED: 3/3/2021	DESIGNED: LMG	PROJECT NO: E19038-101	FIGURE: O

X = 3120167.38 Y = 13845354.03

Appendix P

The name and address of each owner or operator of a water well registered or permitted by the state or the Houston-Galveston Subsidence District that is located within five miles of the boundary of the designated property, along with a map showing the location of each well and, to the extent known, a notation of whether each well is used for potable water. Well logs must be included in the electronic copy of the application, but should not be included in the hard copies. (An accompanying electronic excel file with mailing information should be included with your application.)

Included are the names and address of identified water well owners located within five miles of the proposed MDS boundary. A copy of the water well search is included in this section.

Appendix P
5-Mile Water Well Owner Table
Former Wilson Stationery Printing
1701 Commerce St., Houston, TX 77002
VCP No. 3063

mapid	current_owner	mail_address	mail_city	mail_state	mail_zip
2	CENTERPOINT ENERGY HOU ELE	PO BOX 1475	HOUSTON	TX	77251-1475
3	COUNTY OF HARRIS	PO BOX 1525	HOUSTON	TX	77251-1525
4	MSC FAMILY PROPERTIES LP	8814 MANHATTAN DR	HOUSTON	TX	77096-2550
5	12 3 BUFFALO BAYOU LP	PO BOX 271441	HOUSTON	TX	77277-1441
7	CURRENT OWNER	1717 SAINT JAMES PL STE 118	HOUSTON	TX	77056-3409
10	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
13	HYDRAULIC EQUIPMENT SERVICE CO	1021 N SAN JACINTO ST	HOUSTON	TX	77002-1138
14	BSREP II HOUSTON OFFICE	1200 SMITH ST STE 1200	HOUSTON	TX	77002-4372
15	CH REALTY MF HOUSTON RICE VI LP	3819 MAPLE AVE	DALLAS	TX	75219-3913
17	HORST LESLEY	600 E 41ST ST	AUSTIN	TX	78751-4324
19	UNIVERSITY OF HOUSTON % OFFICE OF REAL ESTATE SERVICES	5000 GULF FWY BLDG 1	HOUSTON	TX	77204-8017
20	AMERICUS HOLDINGS LTD	5330 MONTROSE BLVD	HOUSTON	TX	77005-1831
21	FC TOWER PROPERTY PARTNERS % KENNEDY WIL	1001 FANNIN ST STE M100	HOUSTON	TX	77002-6761
23	CCM CAMERON ESPERSON LP CONTRARIAN CAPIT	411 W PUTNAM AVE STE 425	GREENWICH	CT	06830-6263
25	401 FRANKLIN STREET LTD	1520 OLIVER ST	HOUSTON	TX	77007-6035
26	HOUSTON ISD	4400 W 18TH ST	HOUSTON	TX	77092-8501
27	CMK INVESTMENTS INC	2901 CANAL ST	HOUSTON	TX	77003-1624
29	UNION PACIFIC RAILROAD COMPANY	1400 DOUGLAS ST STOP 1640	OMAHA	NE	68179-1001
31	SAINT ARNOLD BREWING COMPANY	2000 LYONS AVE	HOUSTON	TX	77020-2028
33	KURTZ PROPERTIES LTD	2019 BROOKS ST	HOUSTON	TX	77026-7208
37	TAEJ ENTERPRISES LLC	5111 CHINABERRY GRV	MISSOURI CITY	TX	77459-6259
38	EPC BUILDING LLC % PROP TAX	PO BOX 4372	HOUSTON	TX	77210-4372
41	SOUTHERN PACIFIC RAILROAD COMPANY UNION PACIFIC RAILROAD CO	1400 DOUGLAS ST STOP 1640	OMAHA	NE	68179-1001
43	LVA4 HOUSTON GREENSTREET LP	1201 FANNIN ST STE 325	HOUSTON	TX	77002-6929
46	CR V HARDY YARDS LP % CYPRESS REAL ESTATE ADVISORS INC	1601 S MOPAC STE 175	AUSTIN	TX	78746-7092
50	LEAD PRODUCTS CO INC	PO BOX 1341	HOUSTON	TX	77251-1341
53	HYATT CORP AS AGENT OF ATTN ACCOUNTS PAY	1200 LOUISIANA ST	HOUSTON	TX	77002-5209
56	DELHOMME TRUSTS	700 LOUISIANA ST FL 6	HOUSTON	TX	77002-2725
57	SL4 HOU INDUSTRIAL LP	100 CRESCENT CT STE 850	DALLAS	TX	75201-6904
58	BOP HOUSTON HOTEL LLC	250 VESEY ST FL 15	NEW YORK	NY	10281-1065
59	NAVIGATION REALTY CO LTD	1327 46TH ST STE H	BROOKLYN	NY	11219-2185
60	ROBERSON MARGARET LOUISE	601 GREGG ST	HOUSTON	TX	77020-6149
61	CASTILLO CLEOTILDE	15 N HUTCHESON ST	HOUSTON	TX	77003-1804
65	UNITED STATES OF AMERICA US DISTRICT ATTORNEY	1000 LOUISIANA ST STE 2300	HOUSTON	TX	77002
66	1610 DART PARTNERS LP	4808 GIBSON ST	HOUSTON	TX	77007-5480
70	FENWAY DEVELOPMENT INC	1520 OLIVER ST STE 230	HOUSTON	TX	77007-6035
72	WEJ LP	3988 CLAY ST	HOUSTON	TX	77023-1700

Appendix P
5-Mile Water Well Owner Table
Former Wilson Stationery Printing
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VCP No. 3063

mapid	current_owner	mail_address	mail_city	mail_state	mail_zip
74	ST CATHERINE'S MONTESSORI INC	9821 TIMBERSIDE DR	HOUSTON	TX	77025-5223
75	FIFTH WARD COMMUNITY REDEVELOPMENT CORP	4300 LYONS AVE STE 300	HOUSTON	TX	77020-2569
76	PURSUIT FOUNDATION	3550 W DALLAS	HOUSTON	TX	77019
77	CENTER STREET WAREHOUSE	2122 CENTER ST	HOUSTON	TX	77007-6108
78	THE ALLEN TOWER LLC	2506 W MAIN ST 5TH FLR	HOUSTON	TX	77098-3223
79	MP WHITE OAK APARTMENTS LLC	135 WATER ST 4TH FLR	NAPERVILLE	IL	60540-5493
81	SHERMAN WAY MIDTOWN LLC ET AL	501 S BEVERLY DR STE 100	BEVERLY HILLS	CA	90212-4520
82	HOUSING AUTH CITY OF HOUSTON	2640 FOUNTAIN VIEW DR STE 400	HOUSTON	TX	77057
86	TREVINO JEFFREY	315 EMBRY ST	HOUSTON	TX	77009-5654
87	FEDERAL RESERVE BANK DALLAS	1801 ALLEN PKWY	HOUSTON	TX	77019-2507
89	SOUTHWESTERN PLATING CO	PO BOX 8837	HOUSTON	TX	77249-8837
90	HOUSTON COMMUNITY COLLEGE	PO BOX 667517	HOUSTON	TX	77266-7517
92	LOCKWOOD CENTER LLC	2805 GULF FWY STE C	HOUSTON	TX	77003-5332
93	GLENWOOD CEMETERY	PO BOX 696	HOUSTON	TX	77001-0696
94	FICCIO VALENTINO	1339 W BELL ST	HOUSTON	TX	77019-4035
95	JUDSON ROBINSON & SONS INC % GOLDEN STATE MUTUAL INS	PO BOX 841482	PEARLAND	TX	77584-0138
96	KEITHS AUTO SERVICE INC	5021 CANAL ST	HOUSTON	TX	77011-2251
98	PAPPAS RESTUARANTS INC	13939 NW FREEWAY	HOUSTON	TX	77040-5115
99	NORMAN JAN M	2710 N SABINE ST APT 101	HOUSTON	TX	77009-7500
100	2810 BEAUCHAMP LP	9601 KATY FWY STE 475	HOUSTON	TX	77024-1347
101	BENNETT JOSEPH V	4417 COYLE ST	HOUSTON	TX	77023-3503
106	GARCIA MANUEL J	505 FAIRVIEW AVE	HOUSTON	TX	77006-2901
107	COHO DELMAR PROPERTY LLC	2253 TROON RD	HOUSTON	TX	77019-1417
109	FLOWERS INDUSTRIES INC	3000 WASHINGTON AVE	HOUSTON	TX	77007-6029
110	NGUYEN JOSE P & CHAU	6118 LOFTY LN	SPRING	TX	77379-5343
111	JAN DENG KUI	5515 CLINTON DR	HOUSTON	TX	77020-8008
112	BRIGHT STAR STORES INC	1017 WAKEFIELD DR	HOUSTON	TX	77018-5226
113	FLORES RAMIRO L	4717 EDISON	HOUSTON	TX	77009-3341
114	UH HAMMOND SCOTT LP	5 RIVERWAY STE 300	HOUSTON	TX	77056-1864
116	DAO & TRAN INVESTMENT LLC	8507 NEFF ST	HOUSTON	TX	77036-5531
118	SAL J & DAWN LOCATELLI TRUST	PO BOX 3608	MORGAN CITY	LA	70381-
119	WILLIAMS BROTHERS CONSTRUCTION CO INC	PO BOX 66428	HOUSTON	TX	77266-6428
120	WILLIAMS DIANE V	4420 QUITMAN ST	HOUSTON	TX	77026-7633
122	SHOPS AT MEMORIAL LLC	5868 WESTHEIMER RD STE 531	HOUSTON	TX	77057-5641
123	SUN DEVELOPMENT LP	PO BOX 4456	HOUSTON	TX	77210-4456
125	OUTFRONT MEDIA LLC	1600 STUDEMONT ST	HOUSTON	TX	77007-3825
127	JAN ERIC YUCHENG	5515 CLINTON DR	HOUSTON	TX	77020-8008

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Former Wilson Stationery Printing
1701 Commerce St., Houston, TX 77002
VCP No. 3063

mapid	current_owner	mail_address	mail_city	mail_state	mail_zip
128	GLOBAL NEW MILLENNIUM PARTNERS LIMITED	4415 HIGHWAY 6	SUGAR LAND	TX	77478-4476
129	2607 GRANT LLC	2507 CALUMET ST	HOUSTON	TX	77004-7569
130	2929 REAL ESTATE HOLDINGS	2929 ALLEN PARKWAY	HOUSTON	TX	77019-7100
133	MANJARI ENTERPRISES LLC	9501 JENSEN DR	HOUSTON	TX	77093-6316
134	CURRENT OWNER	1307 DIEZ ST	HOUSTON	TX	77023-3601
135	WRIGHT INVESTMENTS INC	1515 STUDEMONT ST	HOUSTON	TX	77007-3823
136	MAXIMO CAPITAL LLC	8582 KATY FWY FRONTAGE RD STE 221	HOUSTON	TX	77024
137	5713 ARMOUR DRIVE LLC	5731 HARVEY WILSON DR	HOUSTON	TX	77020-8025
138	H B FULLER COMPANY % TAX DEPT	PO BOX 64683	SAINT PAUL	MN	55164-0683
139	SIMPSON J ROYCE & VICKI L	967 CHAMBOARD LN	HOUSTON	TX	77018-3209
140	GARCIA BERTHA M	4107 GANO ST	HOUSTON	TX	77009-4121
141	401 RICHMOND LLC	6100 MAIN ST	HOUSTON	TX	77005-1827
142	SOUTHERN CRUSHED CONCRETE LLC	1725 HUGHES LANDING BLVD STE 1200	SPRING	TX	77380-3875
143	CENTRAL CITY INDUSTRIAL PARK LLC	5301 POLK ST UNIT 25	HOUSTON	TX	77023
144	NATIONAL RETAIL PROPERTIES LP	450 S ORANGE AVE STE 900	ORLANDO	FL	32801-3339
145	WATCO TRANSLOADING LLC	315 W 3RD ST	PITTSBURG	KS	66762-4706
146	STOKES FAMILY LIVING TRUST	417 JEANIE LYNN CIRCLE	GALVESTON	TX	77554-8106
147	GATEMAN PROPERTIES LLC	5223 SCHULER ST	HOUSTON	TX	77007-3243
148	CEMEX USA % PROP TX DEPT	1501 BELVEDERE RD	WEST PALM BEACH	FL	33406-1501
149	ALSCO INC	505 E 200 S STE 101	SALT LAKE CITY	UT	84102-2053
151	SINGER SAKOWITZ LLC	5331 SUMMER SNOW DR	HOUSTON	TX	77041-6574
153	KHODADADIAN MANOUCHEHR	4806 FANNIN ST	HOUSTON	TX	77004-5660
155	CINTAS RUS LP	6800 CINTAS BLVD	CINCINNATI	OH	45262-
156	EAST END MAKER HUB QALICB INC	3211 HARRISBURG BLVD	HOUSTON	TX	77003-2435
157	TRANSENERGY % PROP TX DEPT	1501 BELVEDERE RD	WEST PALM BEACH	FL	33406-1501
158	5610 POLK LLC	1702 TAYLOR ST STE 300	HOUSTON	TX	77007-3992
159	MARTINEZ JESUS & SOFIA	1509 FRAWLEY ST	HOUSTON	TX	77009-3430
161	ESPINOSA FRANCISCO	201 CORONADO ST	HOUSTON	TX	77009-3930
162	RJMD INTERPRISES INC	PO BOX 2599	SUGAR LAND	TX	77487-
163	HART RIVER OAKS LLC HEITMAN CAPITAL MANAGEMENT LLC	191 N WACKER DR STE 2500	CHICAGO	IL	60606-1885
164	AMARO ASCENSION ESTATE OF	3401 CHICKERING ST	HOUSTON	TX	77026-3614
165	PAPADOPOULOS ANESTIS	2406 EAGLES WAY	PEARLAND	TX	77581-5152
166	SMITH KYLE D	1220 SOUTHMORE BLVD	HOUSTON	TX	77004-5826
167	HEIGHTS DEVELOPMENT GROUP LLC	884 TRANQUILITY	ROCKWALL	TX	75032-0043
168	KIPP INC	10711 KIPP WAY DR	HOUSTON	TX	77099-2675
169	MODERN HEIGHTS HOMES LLC	2503 JULIAN ST	HOUSTON	TX	77009-7411
171	ANVIL INTERNATIONAL INC	2 HOLLAND WAY	EXETER	NH	03833-2937

Appendix P
5-Mile Water Well Owner Table
Former Wilson Stationery Printing
1701 Commerce St., Houston, TX 77002
VCP No. 3063

mapid	current_owner	mail_address	mail_city	mail_state	mail_zip
173	KASHMERE GARDENS CHURCH OF CHRIST	4315 LEFFINGWELL ST	HOUSTON	TX	77026-3843
175	IGLESIA DE FE Y PODER	6705 AVENUE L	HOUSTON	TX	77011-
178	9W HALO OPCO LP	1901 S MEYERS RD STE 630	VILLA PARK	IL	60181-5210
181	OVER NITE TRANSPORTATION ATTN: REAL ESTATE DEPT	55 GLENLAKE PARKWAY NE	ATLANTA	GA	30328-3474
187	OS ALMEDA LLC	2420 GARNETFIELD LN	FRIENDSWOOD	TX	77546-4668
189	CHILDRENS MUSEUM INC	1500 BINZ ST	HOUSTON	TX	77004-7112
190	DMG HOUSTON LLC	100 WALL ST STE 1802	NEW YORK	NY	10005-3744
192	DO HONG DANG & % 11TH ST CLEANERS	220 E 11TH ST	HOUSTON	TX	77008-7032
193	VILLANUEVA ONESIMO S & ANDREA E	5122 CHERRY ST	HOUSTON	TX	77026-2402
194	RIVER OAKS WELLNESS LLC	8314 CHESHIRE VALE ST	HOUSTON	TX	77024-3240
196	CURRENT OWNER	17910 HAMPTON OAK DR	SPRING	TX	77379-6153
197	SAINT THOMAS HIGH SCHOOL	4500 MEMORIAL DR	HOUSTON	TX	77007-7332
198	BONHAM & MENDENHALL % REAL ESTATE DEPT	PO BOX 1156	SPRINGFIELD	MO	65801-1156
199	MCCC HOLDING LLC	211 TERRACE DR	HOUSTON	TX	77007-5044
201	TRANSFORMATION 5701 LLC	5701 MAIN ST	HOUSTON	TX	77005-1824
203	600 WEST 6TH LLC	1702 TAYLOR ST STE 300	HOUSTON	TX	77007-3992
204	YES PREP PUBLIC SCHOOLS INC	6201 BONHOMME RD STE 168N	HOUSTON	TX	77036-4427
205	HERNANDEZ MICHAEL	5305 IRVINGTON BLVD	HOUSTON	TX	77009-1920
206	MONTROSE REAL ESTATE PARTNERS LTD C/O PROPERTY TAX DEPT	PO BOX 839999	SAN ANTONIO	TX	78283-3999
207	HOLT LOLA	3002 OKLAHOMA ST	HOUSTON	TX	77093-9236
209	TOMPKINS MARTHA C	6 WAVERLY CT	HOUSTON	TX	77005-1842
211	GAYTAN JUDITH	19531 ZETAK LN	CROSBY	TX	77532-7412
213	BHATIA DEVINDER S	1 SHADOW LAWN ST	HOUSTON	TX	77005-1834
214	PV JENSEN DRIVE LLC	5810 S RICE AVE	HOUSTON	TX	77081-2912
215	FREEDMAN DONALD J	2 REMINGTON LN	HOUSTON	TX	77005-1833
216	JUSBASCHE J MICHAEL	1100 LOUISIANA ST STE 4800	HOUSTON	TX	77002-5227
217	WERNER JUANITA C	603 GRACELAND ST	HOUSTON	TX	77009-1916
218	DANDREA MARK & MARY D	2 1/2 REMINGTON LN	HOUSTON	TX	77005-1833
219	SHIPLEY DONUT FLOUR & SUPPLY CO INC	PO BOX 30330	HOUSTON	TX	77249-0330
220	LEWIS KEVIN & SABRIA	1323 NORTH BLVD	HOUSTON	TX	77006-6323
221	SERNA ROBERT A	7226 TUCK ST	HOUSTON	TX	77020-7650
223	HOUSTON PROPROETOR LLC	3 GREENWAY PLAZE UNIT 110	HOUSTON	TX	77046-
224	LAKESIDE PLACE PFC C/O TORY GUNSOLLEY	2640 FOUNTAIN VIEW DR STE 400	HOUSTON	TX	77057-7610
225	SHADYSIDE HOMES LLC	12333 SOWDEN RD STE B PMB 54473	HOUSTON	TX	77080-2059
226	CATO JAN STOCKARD	13 SHADOW LAWN ST	HOUSTON	TX	77005-1834
227	MODIGLIANI PARTNERS LTD	PO BOX 12204	SPRING	TX	77391-2204
228	CURRENT OWNER	1244 N POST OAK 200	HOUSTON	TX	77055-

Appendix P
5-Mile Water Well Owner Table
Former Wilson Stationery Printing
1701 Commerce St., Houston, TX 77002
VCP No. 3063

mapid	current_owner	mail_address	mail_city	mail_state	mail_zip
231	PEAK DONNA	2 LONGFELLOW LN	HOUSTON	TX	77005-1822
232	CURRENT OWNER	8 REMINGTON LN	HOUSTON	TX	77005-1833
233	WASHINGTON REALTY CORP	8801 KNIGHT RD	HOUSTON	TX	77054-4301
234	CHEATHAM ESTER RUTH	2821 FAIRBANKS ST	HOUSTON	TX	77026-2116
235	ESQUIVAL RICARDO H &	904 JOSEPH ST UNIT C	PASADENA	TX	77506-5213
236	CONGREGATION OF THE INCARNATE WORD SISTERS	6510 LAWDALE ST	HOUSTON	TX	77023-3913
237	DAVILA ANGELA A & BALTAZAR	201 DANNA LN UNIT B	HOUSTON	TX	77009-1884
239	PETRELLO ANTHONY G	515 W GREENS RD STE 1200	HOUSTON	TX	77067-4536
241	CURRENT OWNER	PO BOX 130688	HOUSTON	TX	77219-0688
242	CURRENT OWNER 1515 SOUTH BOULEVARD TRUST	PO BOX 22322	HOUSTON	TX	77227-2322
245	MERICHEM COMPANY	5455 OLD SPANISH TRL	HOUSTON	TX	77023-5013
246	SHRADER JUSTIN H	16 SUNSET BLVD	HOUSTON	TX	77005-1837
247	SANCHEZ JOSE MARIA	11039 FLEMING DR	HOUSTON	TX	77013-5516
249	HOUSTON AVOCADO REAL ESTATE INC	2224 AIRLINE DR	HOUSTON	TX	77009-2422
250	ZACCA NADIM M & NOUHA	22 SUNSET BLVD	HOUSTON	TX	77005-1837
252	TEXAS SOUTHERN UNIVERSITY FOUNDATION	3100 CLEBURNE AVE	HOUSTON	TX	77004-4501
253	SHANNON GREGORY	3418 SOUTH PARKWOOD DR	HOUSTON	TX	77021-1238
254	FARRELL THOMAS M & JUDITH	3412 S PARKWOOD DR	HOUSTON	TX	77021-1238
255	STORE MASTER FUNDING XII LLC	8501 E PRINCESS DR STE 190	SCOTTSDALE	AZ	85255-5494
256	ROBIN ROSS M	1805 PARK ST	HOUSTON	TX	77019-5707
257	HENSON FLOYD ESTATE OF	2114 REID ST	HOUSTON	TX	77026-2048
258	3M LIBERTY LLC	1011 WOOD ST	HOUSTON	TX	77002-1294
259	V & G REALTY COMPANY	1201 N SHEPHERD DR	HOUSTON	TX	77008-6532
261	HOUSTON BELT TERMINAL RR	2425 SH 146 NORTH	TEXAS CITY	TX	77590-
262	CURRENT OWNER	3933 ESSEX LN	HOUSTON	TX	77027-5113
263	COMMUNITY FAMILY CENTERS	7524 AVENUE E	HOUSTON	TX	77012-1200
266	CURRENT OWNER	2920 LAZY LANE BLVD	HOUSTON	TX	77019-1302
267	GARY STUDWELL TRUST	424 ASBURY ST	HOUSTON	TX	77007-7124
268	WM RICE INSTITUTE	6100 MAIN ST	HOUSTON	TX	77005-1827
268	RICE UNIVERSITY	PO BOX 1892	HOUSTON	TX	77251-1892
269	HERNANDEZ ENRIQUE & BLANCA	3014 CARROLTON ST	HOUSTON	TX	77023-5320
271	H B & T RY CO RR	2425 SH 146 NORTH	TEXAS CITY	TX	77590-
272	CG CITYWALK LP	3399 PEACHTREE RD STE 600	ATLANTA	GA	30326-2832
273	REASONER HARRY M & MACEY H	1604 KIRBY DR	HOUSTON	TX	77019-3316
274	NAR LIMITED PARTNERSHIP C/O CARROLS REST	14800 LANDMARK BLVD STE 500	DALLAS	TX	75254-7013
275	LA SALETTE LLC	PO BOX 20214	HOUSTON	TX	77225-0214
276	FOREST PARK MEMORIALS % SCI MGMT CORP - TX DPT	8 TH FL #2920	HOUSTON	TX	77019-2506

Appendix P
5-Mile Water Well Owner Table
Former Wilson Stationery Printing
1701 Commerce St., Houston, TX 77002
VCP No. 3063

mapid	current_owner	mail_address	mail_city	mail_state	mail_zip
278	UC1 LTD	3355 BEE CAVES RD STE 102B	WEST LAKE HILLS	TX	78746-6673
278	MHA PROPERTIES LLC	6000 REIMS #3504	HOUSTON	TX	77036-3054
279	HLH ENTERPRISES LLC	PO BOX 978	ROSHARON	TX	77583-0978
280	SIKHTIAN SUHAIL A	2909 INWOOD DR	HOUSTON	TX	77019-3221
281	2ML REAL ESTATE INTERESTS INC	952 ECHO LN STE 314	HOUSTON	TX	77024-2780
282	ROBB 2001 KIRBY LP	1800 AUGUSTA DR 4TH FLR	HOUSTON	TX	77057-3149
285	BENTURA-GUITERREZ FERNANDO	404 KING ST	HOUSTON	TX	77022-5443
287	CURRENT OWNER C/O JOHN D CURTIN	2995 LAZY LANE BLVD	HOUSTON	TX	77019-1301
288	CEDAR STREET PARTNERS LP	4723 INGERSOLL ST	HOUSTON	TX	77027-6601
290	HOUSTON PARKS BOARD LGC INC	300 N POST OAK LN	HOUSTON	TX	77024-5904
291	MANNE NEAL S	1000 LOUISIANA ST STE 5100	HOUSTON	TX	77002-5091
292	2808 RICHMOND PARTNERS LP	7700 SAN FELIPE ST STE 500	HOUSTON	TX	77063-1615
293	CURRENT OWNER	2938 DEL MONTE DR	HOUSTON	TX	77019
294	SAHAMI INVESTMENTS LTD	9325 HARWIN DR	HOUSTON	TX	77036-1815
295	BROWN EARL W & LYNN B	1101 W 13TH ST	HOUSTON	TX	77008-6626
296	MIDTOWN REDEVELOPMENT AUTHORITY	410 PIERCE ST STE 355	HOUSTON	TX	77002-8722
297	IMPACT HOUSTON CHURCH OF CHRIST	1704 WEBER ST	HOUSTON	TX	77007-2936
298	ALBIOL MAIRE C	3000 DEL MONTE DR	HOUSTON	TX	77019-3214
299	MEMORIAL HERMANN HEALTH SYSTEM	909 FROSTWOOD DR STE 100	HOUSTON	TX	77024-2301
300	AWAD PROPERTY MANAGEMENT LLC	9707 STONECROSS BEND DR	HOUSTON	TX	77070-4399
301	HAVENS JOHN P & THERESA A	2960 LAZY LANE BLVD	HOUSTON	TX	77019-1302
306	ARNOLD JOHN D & LAURA E % SJL TRUST; ATTN: KC CARSON	1717 WEST LOOP S	HOUSTON	TX	77027-3048
307	FOREST PARK CEMETERY	PO BOX 216	HOUSTON	TX	77001-
308	HOOK THOMAS	3005 DEL MONTE DR	HOUSTON	TX	77019-3213
309	AVALON OAKS I LTD % MOODY RAMBIN INTERESTS	12850 MEMORIAL DR STE 1105	HOUSTON	TX	77024-4983
311	DOGGETT W LESLIE & ANN	9111 NORTH FWY	HOUSTON	TX	77037-2038
312	ARC AAHUSTX003 LLC C/O RYAN LLC	PO BOX 460369	HOUSTON	TX	77056-8369
313	JULIAN PRESTON	8211 FAWN TERRACE	HOUSTON	TX	77071-3643
316	WEAVER JAMES D & SHARYN	3196 DEL MONTE DR	HOUSTON	TX	77019-3216
317	GARFIELD REBECCA P & SIMON J	2128 ALBANS RD	HOUSTON	TX	77005-1518
320	RICHARDSON SCOTT H	310 TERRACE DR	HOUSTON	TX	77007-5047
321	DUCHMAN STAN & LISA	6039 GLENCOVE ST	HOUSTON	TX	77007-7008
322	DPR LLP	4117 KING ST	HOUSTON	TX	77026-1541
323	CURRENT OWNER ATTN AD VALOREM TAX	PO BOX 4018	HOUSTON	TX	77210-4018
325	BEAZER EAST INC THREE RIVERS MGMT MANOR	1910 COCHRAN RD	PITTSBURGH	PA	15220-1203
327	6214 SAN AUGUSTINE LLC	915 FRANKLIN ST UNIT 9F	HOUSTON	TX	77002-1733
328	ALLEN JOSEPHINE ESTATE OF	2215 BENNINGTON ST	HOUSTON	TX	77093-8911

Appendix P
5-Mile Water Well Owner Table
Former Wilson Stationery Printing
1701 Commerce St., Houston, TX 77002
VCP No. 3063

mapid	current_owner	mail_address	mail_city	mail_state	mail_zip
329	STONEWOOD GFPG LLC TREVOR NAZZARO	320 S TELLER ST STE 220	DENVER	CO	80226-7392
330	QUALITY ELECTRIC STEEL CASTINGS INC	252 MCCARTY ST	HOUSTON	TX	77029-1138
331	ARGOS USA LLC	3015 WINDWARD PLAZA UNIT 300	ALPHARETTA	GA	30005-8713
332	CURRENT OWNER	10260 WESTHEIMER RD STE 710	HOUSTON	TX	77042-3110
333	HARRIS COUNTY HOSPITAL DISTRICT	2525 HOLLY HALL ST	HOUSTON	TX	77054-4124
334	449 W 19TH REALTY LTD	3100 FANNIN ST STE 200	HOUSTON	TX	77004-2808
335	EWG INVESTMENTS LLC % GALTNE 7 GROUP	2229 SANFELIPE STE 1200	HOUSTON	TX	77019
336	OLIN CHEMICALS ATTN: TAX DEPARTMENT	190 CARONDELET PLZ STE 1530	SAINT LOUIS	MO	63105-3467
337	BILGER BRUCE R & CAROLE J	3247 INWOOD DR	HOUSTON	TX	77019-3227
338	BOULEVARD BJC LLC ETAL	3773 RICHMOND AVE STE 580	HOUSTON	TX	77046-1140
339	NIZAI FAMILY PROPERTIES LLC	3250 OLD SPANISH TRL	HOUSTON	TX	77021-2123
340	RIVER OAKS COUNTRY CLUB	1600 RIVER OAKS BLVD	HOUSTON	TX	77019-1202
341	ACTION RAGS USA LLC	1225 PORT HOUSTON ST	HOUSTON	TX	77029-3126
342	RISHER RANDALL	3249 CHEVY CHASE DR	HOUSTON	TX	77019-3229
343	INDUSTRIAL METAL FINISHING CO	4200 PERRY ST	HOUSTON	TX	77021-2756
344	CURRENT OWNER	3234 ELLA LEE LN	HOUSTON	TX	77019-5924
345	HOLMES NED S	55 WAUGH DR STE 1111	HOUSTON	TX	77007-5837
346	GBL DEVELOPERS LLC	1400 POST OAK BLVD STE 150	HOUSTON	TX	77056-6009
347	MCNAIR ROBERT C & JANICE S	109 N POST OAK LN STE 600	HOUSTON	TX	77024-7753
348	COASTAL REALITY LLC	8415 CLINTON DR	HOUSTON	TX	77029-3613
349	ABDO GEORGE J & DONNA D	28 CRESTWOOD DR	HOUSTON	TX	77007-7007
352	METHODIST HOSPITAL	7550 GREENBRIAR ST RB5-124	HOUSTON	TX	77030-
353	MANN PAUL M & CAROLYN S	1907 RIVER OAKS BLVD	HOUSTON	TX	77019-3111
354	UNITED STATES DEPARTMENT VETERANS HEALTH ADMINISTRATION	810 VERMONT AVE NW	WASHINGTON	DC	20420-0001
355	CUTSINGER ROD & SUE N	2109 RIVER OAKS BLVD	HOUSTON	TX	77019-5819
356	NFF REALTY LLC	2828 TROUT ST	HOUSTON	TX	77093-5546
357	BLACKWELL PLASTICS LP	5606 CAVANAUGH ST	HOUSTON	TX	77021-3802
358	VGRP HOLDINGS LLC	11509 S LOU AL DR	HOUSTON	TX	77024-2707
359	GIBBS DAVID K & TR	2370 RICH BLVD STE 200	HOUSTON	TX	77005-
360	KAGAN PROPERTIES VENTURE I LTD	8801 KNIGHT RD	HOUSTON	TX	77054-4301
361	NORMEX INVESTMENTS INC	7225 HARRISBURG BLVD	HOUSTON	TX	77011-4736
362	AUDIE GRAY FAMILY LP	5825 KELLEY ST	HOUSTON	TX	77026-1901
363	DOMAIN HEIGHTS LLC	1300 POST OAK BLVD STE 1650	HOUSTON	TX	77056-3162
364	ANDIE GRAY FAMILY LP	4101 FULTON ST	HOUSTON	TX	77009-3956
365	SUNBELT HUNTING BAYOU LP	1263 US HIGHWAY 59 N	CLEVELAND	TX	77327-2877
366	TEXAS MEDICAL CENTER INC % GENERAL COUN	2450 HOLCOMBE BLVD STE 1	HOUSTON	TX	77021-2040
367	PANJWANI PROPERTIES LTD	6161 SAVOY DR STE 1111	HOUSTON	TX	77036-3360

Appendix P
5-Mile Water Well Owner Table
Former Wilson Stationery Printing
1701 Commerce St., Houston, TX 77002
VCP No. 3063

mapid	current_owner	mail_address	mail_city	mail_state	mail_zip
368	TERAN ADOLFO R	2100 ENGELING RD	ROSENBERG	TX	77471-9517
369	BROOKSHIRE LARRY C	2110 RIVER OAKS BLVD	HOUSTON	TX	77019-5820
371	BRADON INC	12821 INDUSTRIAL RD	HOUSTON	TX	77015-6802
372	SUNBELT HOUSTON PROPERTIES	1263 US HIGHWAY 59 N	CLEVELAND	TX	77327-2877
373	ELKINS VIRGINIA	3335 INWOOD DR	HOUSTON	TX	77019-3105
374	BARNHART PAUL F JR	2121 SAGE RD STE 333	HOUSTON	TX	77056-4305
375	CHAPMAN DONNA P	2001 KIRBY DR STE 1002	HOUSTON	TX	77019-6033
376	PORT OF HOUSTON AUTHORITY	111 EAST LOOP N	HOUSTON	TX	77029-4326
378	FORD ESTATE INC FLAY E	PO BOX 21428	HOUSTON	TX	77226-1428
379	DUNCAN CHARLES JR & ANNE	600 TRAVIS ST STE 3550	HOUSTON	TX	77002-3036
380	MAGELLAN PIPELINE TERMINALS LP	1 WILLIAMS OTC-9 CENTER	TULSA	OK	74172-
381	CURRENT OWNER	1375 ENCLAVE PKWY	HOUSTON	TX	77077-2026
384	BEDI RAJINDER & HARVINDER	6 BRIARWOOD CT	HOUSTON	TX	77019-5802
385	YOUNG JOHN H	4605 POST OAK PLACE DR STE 250	HOUSTON	TX	77027-9751
386	LONG MARTHA KATHERINE	3389 INWOOD DR	HOUSTON	TX	77019-3105
388	GREENBRIAR HOLDING HOUSTON	8214 WESTCHESTER DR STE 730	DALLAS	TX	75225-6199
391	CURRENT OWNER	7220 FARNSWORTH ST	HOUSTON	TX	77022-4441
393	CITY OF WEST UNIVERSITY PLACE	3800 UNIVERSITY BLVD	WEST UNIVERSITY PLACE	TX	77005-2802
394	ST JOHN'S SCHOOL	2401 CLAREMONT LN	HOUSTON	TX	77019-5811
397	CAMCO INC SCHLUMBERGER TECHNOLOGY CORPORATION	PO BOX 14484	HOUSTON	TX	77221-4484
398	PHELPS WILLIAM & KATHERINE	3458 INWOOD DR	HOUSTON	TX	77019-3130
399	CURRENT OWNER	3302 AUDLEY ST	HOUSTON	TX	77098-1973
401	ZGEBE LLC C/O AHG PROPERTIES LLC	1980 POST OAK BLVD STE 2020	HOUSTON	TX	77056-3820
402	LIZLA PROPERTIES LLC	448 W 19TH ST APT 270	HOUSTON	TX	77008-3914
403	SHUR JULIA	3413 PIPING ROCK LN	HOUSTON	TX	77027-4112
404	ARMENTA JOSE D	4324 AVERILL ST	HOUSTON	TX	77009-4024
406	PRITCHARD WILLIAM E III & SUSANNE B	3401 SLEEPY HOLLOW CT	HOUSTON	TX	77019-3127
407	CAIN JAMES W II & MARJORIE C	3439 DEL MONTE DR	HOUSTON	TX	77019-3115
407	CURRENT OWNER	3439 DEL MONTE DR	HOUSTON	TX	77019-3115
409	PERLO DEVELOPMENT II INC	2309 ROSEWOOD ST	HOUSTON	TX	77004-5256
411	AL TUCKER TRAILER CO	7401 NORTH LOOP E	HOUSTON	TX	77028-5954
412	BOARD OF REGENTS SYSTEM REAL ESTATE OFFICE	301 TARROW ST FL 6	COLLEGE STATION	TX	77840-7896
415	CRONIMET CORP	1 PILARSKY WAY	ALIQUIPPA	PA	15001-5421
416	CURRENT OWNER	3665 WILLOWICK RD	HOUSTON	TX	77019-1113
417	FALGOUT GREGG H & JO LYNN	770 S POST OAK LN STE 400	HOUSTON	TX	77056-6666
418	SEVENTY TWO REALTY COMPANY LLC	3320 UNIVERSITY BLVD	HOUSTON	TX	77005-3354
419	RAYMOND JOHN T & LEIGH A	3640 WILLOWICK RD	HOUSTON	TX	77019-1114

Appendix P
5-Mile Water Well Owner Table
Former Wilson Stationery Printing
1701 Commerce St., Houston, TX 77002
VCP No. 3063

mapid	current_owner	mail_address	mail_city	mail_state	mail_zip
420	SOUTHERN UNION DATA CENTER LLC ATTN: PROPERTY TAX DEPT	PO BOX 4967	HOUSTON	TX	77210-4967
421	STAR PROPERTIES LLC	13630 BEAMER RD STE 107	HOUSTON	TX	77089-6037
423	HOUSTON LEASED HOUSING ASSOCIATION	2905 NORTHWEST BLVD STE 150	MINNEAPOLIS	MN	55441
425	WOLF MATTHEW D & ANN W	3606 KNOLLWOOD ST	HOUSTON	TX	77019-1108
427	BL&BR CORP	4111 SURREYDON DR	HOUSTON	TX	77014-2154
428	ZUFELT MELODY & THOMAS	3102 MAXROY ST	HOUSTON	TX	77008-6221
429	UNIVERSITY OF TEXAS HEALTH % OFFICE OF GENERAL COUNSEL- REAL ESTATE	210 W 7TH ST	AUSTIN	TX	78701-2903
430	TOUSSAINT JOHN & ERIKA S	3688 WILLOWICK RD	HOUSTON	TX	77019-1114
432	WYATT LYNN S	3638 MEADOW LAKE LN	HOUSTON	TX	77027-4111



On time. On target. In touch.™

5 Mile Municipal Setting Designation (MSD) Report

Target Property:

***Fmr Wilson Stationary & Printing
1701 Commerce St Jackson St
Houston, Harris County, Texas 77002***

Prepared For:

InControl Technologies

Order #: 160785

Job #: 395644

Project #: E19038-101

Date: 02/09/2021

TARGET PROPERTY SUMMARY

Fmr Wilson Stationary & Printing
1701 Commerce St Jackson St
Houston, Harris County, Texas 77002

USGS Quadrangle: **Settegast, TX**
Target Property Geometry: **Area**

Target Property Longitude(s)/Latitude(s):
(-95.353204, 29.760376), (-95.353007, 29.760267), (-95.352858, 29.760179), (-95.353039, 29.759963),
(-95.353373, 29.760168), (-95.353204, 29.760376), (-95.353204, 29.760376), (-95.353204, 29.760376),
(-95.353204, 29.760376)

County/Parish Covered:
Harris (TX)

Zipcode(s) Covered:
Houston TX: 77002, 77003, 77004, 77005, 77006, 77007, 77008, 77009, 77010, 77011, 77012, 77016, 77018,
77019, 77020, 77021, 77022, 77023, 77024, 77026, 77027, 77028, 77029, 77030, 77033, 77046, 77054, 77087,
77093, 77098, 77204

State(s) Covered:
TX

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DATABASE FINDINGS SUMMARY

DATABASE	ACRONYM	LOCA- TABLE	UNLOCA- TABLE	SEARCH RADIUS (miles)
<u>FEDERAL</u>				
UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM	NWIS	53	0	5.0000
SUB-TOTAL		53	0	
<u>STATE (TX)</u>				
SELECT SUBMITTED DRILLERS REPORT DATABASE WELLS	SSDRD	44	0	5.0000
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS	TCEQ	231	0	5.0000
TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE	TWDB	249	0	5.0000
WATER UTILITY DATABASE	WUD	64	0	5.0000
SUB-TOTAL		588	0	
<u>LOCAL</u>				
HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS	HGSD	172	0	5.0000
SUB-TOTAL		172	0	
TOTAL		813	0	



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LOCATABLE DATABASE FINDINGS

ACRONYM	SEARCH RADIUS (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
<u>FEDERAL</u>								
NWIS	5.000	0	0	0	1	1	51	53
SUB-TOTAL		0	0	0	1	1	51	53
<u>STATE (TX)</u>								
SSDRD	5.000	0	0	0	1	0	43	44
TCEQ	5.000	0	0	0	2	33	196	231
TWDB	5.000	0	0	1	9	22	217	249
WUD	5.000	0	0	0	1	2	61	64
SUB-TOTAL		0	0	1	13	57	517	588
<u>LOCAL</u>								
HGSD	5.000	0	0	0	5	13	154	172
SUB-TOTAL		0	0	0	5	13	154	172

TOTAL	0	0	1	19	71	722	813
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NOTES:

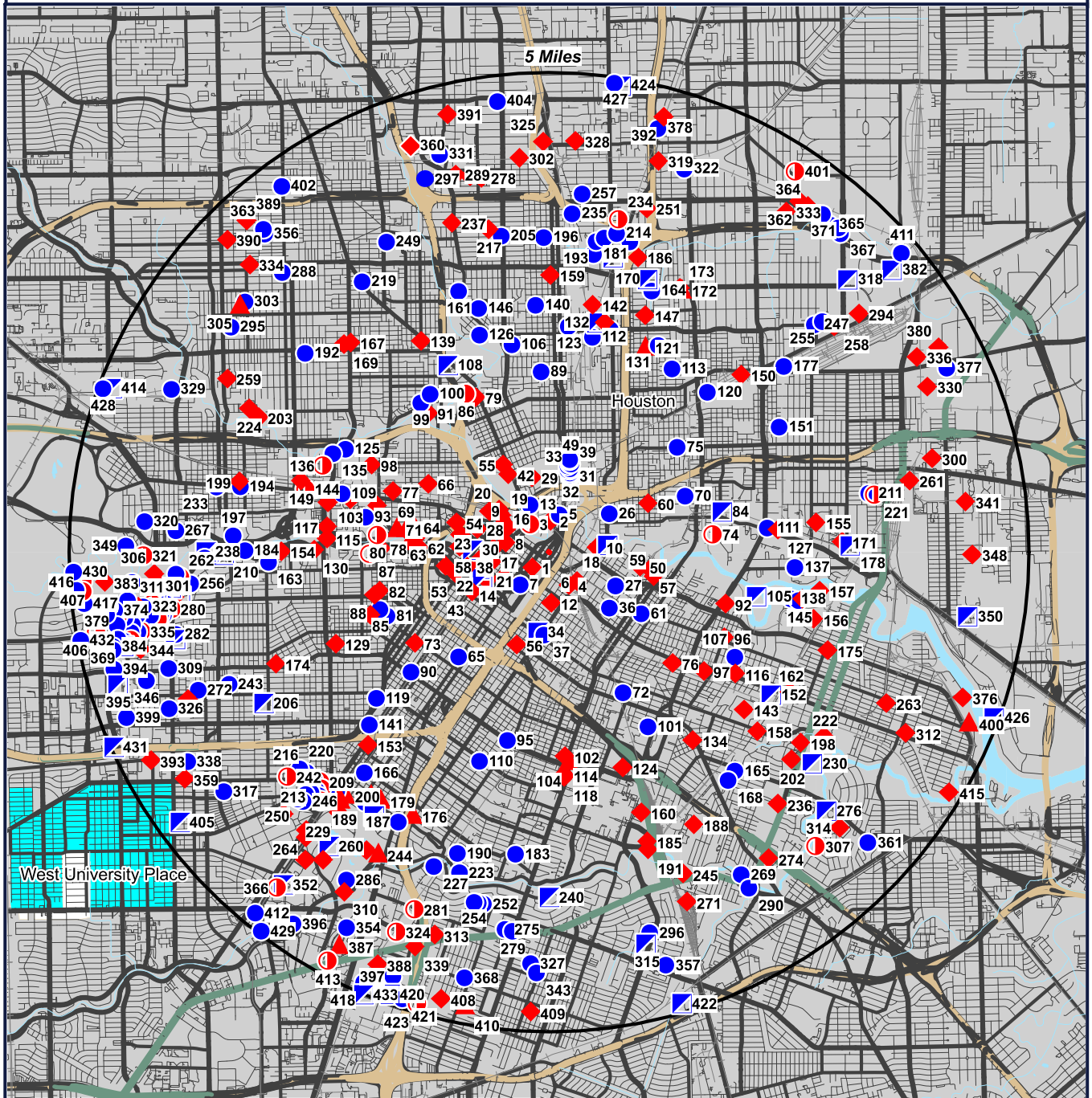
NS = NOT SEARCHED

TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

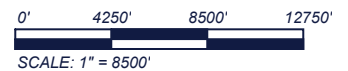


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5 MILE MUNICIPAL SETTING DESIGNATION (MSD) SITE MAP



Fmr Wilson Stationary & Printing
1701 Commerce St
Jackson St
Houston, Texas
77002



GeoSearch

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REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
1	TWDB	65-14-750	0.231 SW	BURKHART LAUNDRY	1600 PRESTON ST	HOUSTON, 77002	1
2	HGSD	1181	0.307 N	HOUSTON LIGHTING & POWER COMPANY	511 MCKEE ST	HOUSTON, 77002	3
2	TWDB	65-14-704	0.307 N	HOUSTON LIGHTING AND POWER CO	511 MCKEE ST	HOUSTON, 77002	4
2	TWDB	65-14-714	0.307 N	HOUSTON LIGHTING AND POWER CO	511 MCKEE ST	HOUSTON, 77002	6
2	TWDB	65-14-737	0.307 N	HOUSTON LIGHTING AND POWER CO.	511 MCKEE ST	HOUSTON, 77002	8
2	HGSD	1180	0.307 N	HOUSTON LIGHTING & POWER COMPANY	511 MCKEE ST	HOUSTON, 77002	10
3	SSDRD	TX273565	0.339 NW	HARRIS COUNTY	700 N SAN JACINTO ST	HOUSTON, 77002	11
3	HGSD	11658	0.339 NW		700 N SAN JACINTO ST	HOUSTON, 77002	12
4	TWDB	65-14-753	0.396 SE	GOULD WET WASH LAUNDRY	2300 CONGRESS ST	HOUSTON, 77003	13
5	HGSD	1807	0.406 NNE	BUILDERS SUPPLY CO. OF HOUSTON	0 MCKEE ST	HOUSTON, 77020	15
5	TWDB	65-14-767	0.406 NNE	BUILDERS SUPPLY	0 MCKEE ST	HOUSTON, 77020	16
5	TCEQ	TX199447	0.406 NNE	BUILDERS SUPPLY	0 MCKEE ST	HOUSTON, 77020	18
5	NWIS	USGS_29455609	0.406 NNE	LJ-65-14-767	0 MCKEE ST	HOUSTON, 77020	20
5	HGSD	3625	0.406 NNE	BUILDERS SUPPLY CO. OF HOUSTON	0 MCKEE ST	HOUSTON, 77020	21
6	TWDB	65-14-730	0.413 SE	MISSOURI PACIFIC LINES	0 PRIVATE STREETS	HOUSTON, 77003	22
7	TCEQ	TX168421	0.436 SW	JACK PHILPOT	1603 RUSK ST	HOUSTON, 77002	24
8	TWDB	65-14-751	0.447 W	T.J. BETTIS BUILDING	1001 PRESTON ST	HOUSTON, 77002	26
9	WUD	2602655732	0.459 WNW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	28
9	TWDB	65-14-747	0.488 WNW	CITY OF HOUSTON CENTRAL	915 FRANKLIN ST	HOUSTON, 77002	29
10	TWDB	65-14-754	0.484 E	ZERO ICE CO.	333 RUNNELS ST	HOUSTON, 77003	32
11	WUD	1148875365	0.550 WNW	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	34
11	TWDB	65-14-740	0.526 WNW	SOUTHERN PACIFIC BUILDING	815 FRANKLIN ST	HOUSTON, 77002	35
12	TWDB	65-14-760	0.526 S	COCA COLA BOTTLING CO.	2200 TEXAS ST	HOUSTON, 77003	37
13	TCEQ	TX200312	0.528 NNW	HYDRAULIC EQUIPMENT SERV	0 N SAN JACINTO	HOUSTON, 77002	39
13	HGSD	7262	0.528 NNW	HYDRAULIC EQUIPMENT SERVICE, INC.	0 N SAN JACINTO	HOUSTON, 77002	42



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REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
14	TWDB	65-14-743	0.533 WSW	AMBASSADOR APARTMENTS	1320 RUSK ST	HOUSTON, 77010	43
15	TWDB	65-14-728	0.567 W	RICE HOTEL	909 TEXAS AVE	HOUSTON, 77002	45
15	TWDB	65-14-729	0.567 W	RICE HOTEL	909 TEXAS AVE	HOUSTON, 77002	47
16	WUD	3573514010	0.578 WNW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	49
17	TWDB	65-14-744	0.595 W	KRESS BUILDING	711 MAIN ST	HOUSTON, 77002	50
18	HGSD	2843	0.604 E	HOUSTON SHELL & CONCRETE	400 JENSEN DR	HOUSTON, 77003	53
19	TWDB	65-14-748	0.610 WNW	CITY OF HOUSTON CENTRAL	308 WASHINGTON AVE	HOUSTON, 77002	54
20	TWDB	65-14-713	0.669 NW	SOUTHLAND	0 EAST FWY	HOUSTON, 77002	56
20	HGSD	1676	0.669 NW	SOUTHLAND CORPORATION, THE	0 EAST FWY	HOUSTON, 77002	58
21	TWDB	65-14-721	0.701 WSW	COMMERCE BUILDING	1001 FANNIN ST	HOUSTON, 77002	59
22	HGSD	2637	0.715 WSW	TISHMAN MANAGEMENT OF HOUSTON	914 MAIN ST	HOUSTON, 77002	62
23	TWDB	65-14-736	0.723 W	NIELS ESPERSON BLDG.	808 TRAVIS ST	HOUSTON, 77002	63
24	HGSD	3624	0.730 WSW	FIRST CITY NATIONAL BANK	1021 MAIN ST	HOUSTON, 77002	65
25	TWDB	65-14-726	0.737 WNW	HOUSTON ICE AND COLD STORAGE CO.	401 FRANKLIN ST	HOUSTON, 77002	66
25	TWDB	65-14-715	0.738 WNW	HOUSTON ICE AND COLD STORAGE	401 FRANKLIN ST	HOUSTON, 77002	68
26	TCEQ	TX208785	0.740 ENE	SWANN ICE CO	0 JENSEN DR	HOUSTON, 77020	70
26	HGSD	2265	0.740 ENE	SWANN ICE SERVICE, INC., C. H.	0 JENSEN DR	HOUSTON, 77020	72
27	TCEQ	TX199550	0.760 ESE	FELIX MORALES	2901 CANAL ST	HOUSTON, 77003	73
28	TWDB	65-14-725	0.769 WNW	MODEL LAUNDRY	501 TEXAS ST	HOUSTON, 77002	75
29	TWDB	65-14-711	0.780 NNW	SOUTHERN PACIFIC RAILROAD, WELL#3	0 N MAIN ST	HOUSTON, 77002	77
30	HGSD	4266	0.783 W	HINES CONSOLIDATED INVESTMENTS	700 LOUISIANA ST	HOUSTON, 77002	79
30	HGSD	4265	0.783 W	HINES CONSOLIDATED INVESTMENTS	700 LOUISIANA ST	HOUSTON, 77002	80
31	TCEQ	TX205269	0.797 NNE	GREENFIELD CONSTRUCTION WELL #2	1900 LYONS AVE	HOUSTON, 77020	81



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31	TCEQ	TX205270	0.816 NNE	GREENFIELD CONST. WELL #3	0 LYONS AVE	HOUSTON, 77020	84
31	TCEQ	TX205268	0.790 NNE	GREENFIELD CONST. WELL #1	1900 LYONS AVE	HOUSTON, 77020	87
32	TCEQ	TX205272	0.811 NNE	GREENFIELD CONSTRUCTION WELL #5	1213 MAURY ST	HOUSTON, 77020	90
32	TCEQ	TX205273	0.834 NNE	GREENFIELD CONSTRUCTION WELL #6	0 LYONS AVE	HOUSTON, 77020	93
32	TCEQ	TX205284	0.821 NNE	GREENFIELD CONST. WELL #17	1213 MAURY ST	HOUSTON, 77020	96
32	TCEQ	TX205285	0.831 NNE	GREENFIELD CONST. WELL #18	1213 MAURY ST	HOUSTON, 77020	99
32	TCEQ	TX205271	0.827 NNE	GREENFIELD CONST. WELL #4	0 LYONS AVE	HOUSTON, 77020	102
33	TCEQ	TX205274	0.839 NNE	GREENFIELD CONSTRUCTION WELL #7	1216 MAURY ST	HOUSTON, 77020	105
34	HGSD	5748	0.820 S	HBS WAREHOUSE ASSOCIATES	2315 POLK ST	HOUSTON, 77003	108
35	TCEQ	TX205286	0.857 NNE	GREENFIELD CONST. WELL #19	1213 MAURY ST	HOUSTON, 77020	109
35	TCEQ	TX205275	0.856 NNE	GREENFIELD CONSTRUCTION WELL #8	1216 MAURY ST	HOUSTON, 77020	112
36	TCEQ	TX205558	0.837 SE	KENT WONG	0 PAIGE ST	HOUSTON, 77003	115
37	HGSD	5862	0.842 S	E.J. GROUP LLC	2402 DALLAS ST	HOUSTON, 77003	118
37	TCEQ	TX199448	0.842 S	CALCO OF HOUSTON INC	2402 DALLAS ST	HOUSTON, 77003	119
37	HGSD	5861	0.842 S	E.J. GROUP LLC	2402 DALLAS ST	HOUSTON, 77003	123
38	TWDB	65-14-719	0.854 W	OIL & GAS BUILDING	1001 LOUISIANA ST	HOUSTON, 77002	124
38	HGSD	4590	0.854 W	KINDER MORGAN	1001 LOUISIANA ST	HOUSTON, 77002	126
39	TCEQ	TX205276	0.884 NNE	GREENFIELD CONSTRUCTION WELL#9	1302 MAURY ST	HOUSTON, 77020	127
40	TCEQ	TX205287	0.882 NNE	GREENFIELD CONST. WELL #20	1302 MAURY ST	HOUSTON, 77020	130
41	TCEQ	TX205288	0.904 NNE	GREENFIELD CONST. WELL #21	0 R R PROPERTY	HOUSTON, 77020	133
41	TCEQ	TX205277	0.899 NNE	GREENFIELD CONSTRUCTION WELL #10	1302 MAURY ST	HOUSTON, 77020	136
42	TWDB	65-14-733	0.894 NNW	MISSOURI, KANSAS AND TEXAS RAILROAD	0 N MAIN ST	HOUSTON, 77009	139
43	TWDB	65-14-717	0.894 WSW	MAIN BUILDING CORP.	1315 MAIN ST	HOUSTON, 77002	141



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44	TCEQ	TX205290	0.923 NNE	GREENFIELD CONST. WELL #24	0 R R PROPERTY	HOUSTON, 77020	143
44	TCEQ	TX205291	0.923 NNE	GREENFIELD CONST. WELL #25	0 R R PROPERTY	HOUSTON, 77020	146
44	TCEQ	TX205289	0.923 NNE	GREENFIELD CONST. WELL #23	0 R R PROPERTY	HOUSTON, 77020	149
45	TWDB	65-14-720	0.921 W	RICE HOTEL LAUNDRY	801 SMITH ST	HOUSTON, 77002	152
46	TCEQ	TX205292	0.944 NNE	GREENFIELD CONST. WELL #26	1423 MAURY ST	HOUSTON, 77026	154
46	TCEQ	TX205281	0.947 NNE	GREENFIELD CONSTRUCTION WELL #14	2102 BROOKS ST	HOUSTON, 77026	157
47	TWDB	65-14-765	0.927 W	INEEDA LAUNDRY	0 CAPITOL	HOUSTON, 77002	160
48	TCEQ	TX205280	0.949 NNE	GREENFIELD CONSTRUCTION WEL #13	2102 BROOKS ST	HOUSTON, 77026	162
48	TCEQ	TX205282	0.957 NNE	GREENFIELD CONSTRUCTION WELL #15	2102 BROOKS ST	HOUSTON, 77026	165
48	TCEQ	TX205283	0.968 NNE	GREENFIELD CONST WELL #16	2102 BROOKS ST	HOUSTON, 77026	168
48	TCEQ	TX205293	0.955 NNE	GREENFIELD CONST. WELL #27	1423 MAURY ST	HOUSTON, 77026	171
48	TCEQ	TX205278	0.950 NNE	GREENFIELD CONSTRUCTION WELL #11	2102 BROOKS ST	HOUSTON, 77026	174
49	TCEQ	TX205279	0.950 NNE	GREENFIELD CONSTRUCTION WELL #12	2102 BROOKS ST	HOUSTON, 77026	177
50	TWDB	65-14-762	0.948 E	LEAD PRODUCTS CO.	709 N VELASCO ST	HOUSTON, 77003	180
51	TCEQ	TX205294	0.980 NNE	GREENFIELD CONST. WELL #28	2102 BROOKS ST	HOUSTON, 77026	182
52	TCEQ	TX205295	0.992 NNE	GREENFIELD CONST. WELL #29	2102 BROOKS ST	HOUSTON, 77026	185
53	TWDB	65-14-763	0.991 WSW	MEMORIAL BAPTIST HOSPITAL	1200 LOUISIANA ST	HOUSTON, 77002	188
54	TWDB	65-14-707	0.999 WNW	CITY OF HOUSTON CENTRAL	33 ARTESIAN PL	HOUSTON, 77002	196
54	NWIS	USGS_29455109	0.999 WNW	LJ-65-14-707	33 ARTESIAN PL	HOUSTON, 77002	203
54	HGSD	1019	0.999 WNW	HOUSTON, CITY OF	33 ARTESIAN PL	HOUSTON, 77002	204
55	TWDB	65-14-716	1.013 NNW	SUNSHINE LAUNDRY	1600 KEENE ST	HOUSTON, 77009	205
56	TWDB	65-22-104	1.020 SSW	SEVEN-UP BOTTLING CO.	2112 LEELAND ST	HOUSTON, 77003	207



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57	TWDB	65-14-756	1.056 E	HOUSTON PACKING CO. WELL #3	3401 NAVIGATION BLVD	HOUSTON, 77003	209
57	TWDB	65-14-755	1.055 E	HOUSTON PACKING CO	3401 NAVIGATION BLVD	HOUSTON, 77003	211
57	TWDB	65-14-758	1.055 E	HOUSTON PACKING CO. WELL #4	3401 NAVIGATION BLVD	HOUSTON, 77003	213
58	TWDB	65-14-703	1.077 W	PHENIX DAIRY WELL #2	400 DALLAS ST	HOUSTON, 77002	215
59	TWDB	65-14-705	1.108 ESE	TRINITY PORTLAND CEMENT CO.	3405 NAVIGATION BLVD	HOUSTON, 77003	217
59	HGSD	1576	1.108 ESE	GENERAL PORTLAND, INC.	3405 NAVIGATION BLVD	HOUSTON, 77003	219
60	HGSD	1952	1.136 ENE	NATIONAL VINEGAR COMPANY	601 GREGG ST	HOUSTON, 77020	220
60	TWDB	65-14-732	1.136 ENE	NATIONAL VINEGAR CO	601 GREGG ST	HOUSTON, 77020	221
60	TWDB	65-14-734	1.136 ENE	NATIONAL VINEGAR CO	601 GREGG ST	HOUSTON, 77020	223
60	NWIS	USGS_29460209	1.136 ENE	LJ-65-14-734	601 GREGG ST	HOUSTON, 77020	225
60	NWIS	USGS_29460209	1.136 ENE	LJ-65-14-732	601 GREGG ST	HOUSTON, 77020	226
60	HGSD	1951	1.136 ENE	NATIONAL VINEGAR COMPANY	601 GREGG ST	HOUSTON, 77020	227
61	TCEQ	TX205393	1.137 ESE	GIFFORD HILL	11 N HUTCHESON ST	HOUSTON, 77003	228
62	NWIS	USGS_29453609	1.348 W	LJ-65-13-927	0 ALLEN PKY	HOUSTON, 77019	230
62	TWDB	65-13-927	1.348 W	CITY OF HOUSTON	0 ALLEN PKY	HOUSTON, 77019	231
63	TWDB	65-13-933	1.369 W	CITY OF HOUSTON CENTRAL	ADDRESS NOT LISTED	HOUSTON, 77007	234
63	TWDB	65-13-924	1.369 W	CITY OF HOUSTON CENTRAL	ADDRESS NOT LISTED	HOUSTON, 77007	237
63	TWDB	65-13-925	1.369 W	CITY OF HOUSTON CENTRAL	ADDRESS NOT LISTED	HOUSTON, 77007	240
63	TWDB	65-13-926	1.369 W	CITY OF HOUSTON CENTRAL	ADDRESS NOT LISTED	HOUSTON, 77007	243
63	WUD	1191309942	1.369 W	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	246
63	TWDB	65-13-932	1.369 W	CITY OF HOUSTON CENTRAL	ADDRESS NOT LISTED	HOUSTON, 77007	247
64	WUD	3614542300	1.416 W	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	251
65	TCEQ	TX212654	1.427 SW	U.S. GEOLOGICAL SURVEY WELL #1	2320 LA BRANCH ST	HOUSTON, 77004	252
66	TWDB	65-14-702	1.433 WNW	SOUTHERN PACIFIC RAILROAD	1610 DART ST	HOUSTON, 77007	255
66	TWDB	65-14-764	1.433 WNW	WILLBORG'S LAUNDRY	1610 DART ST	HOUSTON, 77007	257
67	WUD	512874493	1.447 W	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	259



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68	TWDB	65-13-905	1.470 W	CITY OF HOUSTON CENTRAL 21	0 MEMORIAL DR	HOUSTON, 77007	260
68	WUD	492865823	1.470 W	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	277
68	NWIS	USGS_29454509	1.470 W	LJ-65-13-905	0 MEMORIAL DR	HOUSTON, 77007	278
68	HGSD	1022	1.470 W	HOUSTON, CITY OF	0 MEMORIAL DR	HOUSTON, 77007	279
69	WUD	3833150346	1.495 W	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	280
70	TWDB	65-14-823	1.528 ENE	NATIONAL VINEGAR CO.	0 FRANK TECH DR	HOUSTON, 77020	281
70	TCEQ	TX205301	1.528 ENE	NATIONAL VINEGAR CO	0 FRANK TECH DR	HOUSTON, 77020	283
70	NWIS	USGS_29460909	1.528 ENE	LJ-65-14-823	0 FRANK TECH DR	HOUSTON, 77020	286
70	HGSD	4117	1.528 ENE	NATIONAL VINEGAR COMPANY	0 FRANK TECH DR	HOUSTON, 77020	287
71	WUD	1095254697	1.594 W	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	288
72	TCEQ	TX199542	1.633 SSE	CALCO MARKETING SERVICE INC	3988 CLAY ST	HOUSTON, 77023	289
72	HGSD	5789	1.633 SSE	CALCO MARKETING INC.	3988 CLAY ST	HOUSTON, 77023	292
73	TWDB	65-21-315	1.683 WSW	SHEPHERD LAUNDRY	2625 LOUISIANA ST	HOUSTON, 77006	293
74	SSDRD	TX257810	1.703 E	JIM OHMART	125 EMILE ST	HOUSTON, 77020	295
75	TCEQ	TX205298	1.735 NE	DR. CARROLL	3915 LYONS AVE	HOUSTON, 77020	296
75	TCEQ	TX205300	1.725 NE	DR. CARROLL	3911 LYONS AVE	HOUSTON, 77020	299
75	TCEQ	TX205258	1.735 NE	DR. CARROLL	3915 LYONS AVE	HOUSTON, 77020	302
76	TWDB	65-22-213	1.726 SE	GULF CONCRETE PIPE CO	4516 HARRISBURG BLVD	HOUSTON, 77011	304
77	NWIS	USGS_29460709	1.732 WNW	LJ-65-13-941	2122 CENTER ST	HOUSTON, 77007	306
77	TWDB	65-13-941	1.732 WNW	GENERAL DYNAMICS	2122 CENTER ST	HOUSTON, 77007	307
78	TWDB	65-13-903	1.741 W	CITY OF HOUSTON CENTRAL	0 ALLEN PKWY	HOUSTON, 77019	309
78	WUD	3485831175	1.741 W	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	316
78	NWIS	USGS_29453709	1.741 W	LJ-65-13-903	0 ALLEN PKWY	HOUSTON, 77019	317
78	HGSD	1020	1.741 W	HOUSTON, CITY OF	0 ALLEN PKWY	HOUSTON, 77019	318
79	TWDB	65-14-709	1.769 NNW	CRESCENT LAUNDRY	0 KEENE ST	HOUSTON, 77009	319
80	SSDRD	TX210899	1.789 W	WILLIAMS BROTHERS	0 MEMORIAL DR	HOUSTON, 77007	321
81	TCEQ	TX182199	1.802 WSW	JMG BUILDERS, LTD.	2 OAK CT	HOUSTON, 77006	322
81	HGSD	6700	1.802 WSW	OAKWOOD APARTMENT MANAGEMENT	2 OAK CT	HOUSTON, 77006	324
82	TWDB	65-13-931	1.803 WSW	HORLOCK ICE CO.	1520 BAILEY ST	HOUSTON, 77019	325



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83	TWDB	65-13-904	1.845 WNW	CITY OF HOUSTON (CENTRAL #20)	901 SAWYER ST	HOUSTON, 77007	327
83	WUD	513085864	1.845 WNW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	344
83	NWIS	USGS_29460109	1.845 WNW	LJ-65-13-904	901 SAWYER ST	HOUSTON, 77007	345
83	HGSD	1021	1.845 WNW	HOUSTON, CITY OF	901 SAWYER ST	HOUSTON, 77007	346
84	HGSD	1718	1.848 ENE	COMET RICE MILLS, INC.	414 SCHWEIKHARDT ST	HOUSTON, 77020	347
85	HGSD	2130	1.848 WSW	SPARKLE ICE COMPANY	1501 W WEBSTER ST	HOUSTON, 77006	348
85	TWDB	65-13-946	1.848 WSW	SPARKLE ICE CO.	1501 W WEBSTER ST	HOUSTON, 77006	349
85	TCEQ	TX205559	1.848 WSW	SPARKLE ICE	1501 W WEBSTER ST	HOUSTON, 77006	352
85	HGSD	2129	1.848 WSW	SPARKLE ICE COMPANY	1501 W WEBSTER ST	HOUSTON, 77006	354
86	SSDRD	TX44920	1.858 NNW	GEORGE & LORI RODRIGUEZ	315 EMBRY ST	HOUSTON, 77009	355
87	SSDRD	TX165739	1.863 W	FEDERAL RESERVE BANK OF DALLAS	1801 ALLEN PKY	HOUSTON, 77019	356
87	HGSD	11040	1.863 W	FEDERAL RESERVE BANK OF DALLAS	1801 ALLEN PKY	HOUSTON, 77019	357
88	TWDB	65-13-928	1.864 WSW	PUBLIC LAUNDRIES	224 W GRAY ST	HOUSTON, 77019	358
89	TCEQ	TX205863	1.886 N	SOUTHWESTERN PLATING CO	1312 HALPERN ST	HOUSTON, 77009	360
90	TCEQ	TX214550	1.891 SW	HOUSTON COMMUNITY COLLEGE	3100 MAIN ST	HOUSTON, 77002	363
90	TCEQ	TX214551	1.891 SW	HOUSTON COMMUNITY COLLEGE	3100 MAIN ST	HOUSTON, 77002	365
90	TCEQ	TX214552	1.892 SW	HOUSTON COMMUNITY COLLEGE	3100 MAIN ST	HOUSTON, 77002	367
90	TCEQ	TX214549	1.891 SW	HOUSTON COMMUNITY COLLEGE	3100 MAIN ST	HOUSTON, 77002	369
91	TWDB	65-14-768	1.906 NW	BEAUCHAMPS SPRINGS	0 WHITE OAK DR	HOUSTON, 77009	371
92	TWDB	65-14-805	1.908 ESE	WEINGARTEN'S BAKERY	0 LOCKWOOD DR	HOUSTON, 77011	373
92	HGSD	2478	1.908 ESE	WEINGARTEN, INC., J.	0 LOCKWOOD DR	HOUSTON, 77011	375
93	TCEQ	TX181326	1.943 W	GLENWOOD CEMETERY	2525 WASHINGTON AVE	HOUSTON, 77007	376
93	HGSD	9338	1.943 W		2525 WASHINGTON AVE	HOUSTON, 77007	379
94	TWDB	65-13-930	1.966 WSW	HORLOCK ICE CO.	2006 GENESEE ST	HOUSTON, 77006	380
94	HGSD	1790	1.961 WSW	ADMIRAL LINEN & UNIFORM SERVICE	105 WILLARD ST	HOUSTON, 77006	382
95	TCEQ	TX205175	1.990 SSW	JUDSON ROBINSON & SONS	2905 ELGIN ST	HOUSTON, 77004	383



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96	TWDB	65-22-221	2.029 ESE	TEXAS ICE AND FUEL CO.	110 N ADAMS ST	HOUSTON, 77011	385
96	TWDB	65-22-220	2.029 ESE	TEXAS ICE AND FUEL CO.	110 N ADAMS ST	HOUSTON, 77011	387
97	TWDB	65-22-219	2.031 ESE	STANDARD ICE CO.	0 HARRISBURG	HOUSTON, 77011	389
97	TWDB	65-22-218	2.030 ESE	STANDARD ICE CO.	0 HARRISBURG	HOUSTON, 77011	391
98	TWDB	65-13-943	2.049 WNW	COOK PAINT & VARNISH	2429 CROCKETT ST	HOUSTON, 77007	393
98	HGSD	1659	2.049 WNW	COOK PAINT & VARNISH COMPANY	2429 CROCKETT ST	HOUSTON, 77007	399
99	TCEQ	TX205397	2.053 NW	RAY AIRE OF HOUSTON	2710 N SABINE ST	HOUSTON, 77009	400
100	TCEQ	TX205401	2.063 NW	RAY AIRE OF HOUSTON	2810 BEAUCHAMP ST	HOUSTON, 77009	404
101	TCEQ	TX199544	2.071 SSE	C.D. THRELKELD	4417 COYLE ST	HOUSTON, 77023	408
102	TWDB	65-22-130	2.133 S	CITY OF HOUSTON	SCOTT 3100 SCOTT ST STREET #7	HOUSTON, 77004	410
102	TWDB	65-22-106	2.134 S	CITY OF HOUSTON	SCOTT 3100 SCOTT ST ST. #5	HOUSTON, 77004	426
102	TWDB	65-22-118	2.134 S	CITY OF HOUSTON	SCOTT 3100 SCOTT ST STREET #2	HOUSTON, 77004	429
102	TWDB	65-22-119	2.133 S	CITY OF HOUSTON	SCOTT 3100 SCOTT ST STREET #1	HOUSTON, 77004	431
102	WUD	1474659272	2.134 S	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	433
102	WUD	1465832970	2.133 S	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	434
102	WUD	2236941801	2.133 S	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	435
102	NWIS	USGS_29434309	2.134 S	LJ-65-22-130	3100 SCOTT ST	HOUSTON, 77004	436
102	HGSD	1096	2.134 S	HOUSTON, CITY OF	3100 SCOTT ST	HOUSTON, 77004	437
103	TWDB	65-13-918	2.135 WNW	HENKE AND PILOT	2735 WASHINGTON AVE	HOUSTON, 77007	438
104	WUD	2068259454	2.198 S	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	440
105	HGSD	2032	2.201 E	PARKER BROTHERS & CO., INC.	0 NAVIGATION BLVD	HOUSTON, 77011	441
106	TCEQ	TX205317	2.202 NNW	C.C. KERN	3406 MOORE ST	HOUSTON, 77009	442
107	TCEQ	TX170153	2.211 ESE	EDGEWOOD LITTLE LEAGUE	114 DELMAR ST	HOUSTON, 77011	444
108	HGSD	2715	2.212 NNW	GARZA, JULIO	3401 N MAIN ST	HOUSTON, 77009	446
109	TCEQ	TX184643	2.237 WNW	M.R. FATHERS	3000 WASHINGTON AVE	HOUSTON, 77007	447
110	TCEQ	TX204953	2.279 SSW	BRH GARVER - J HOLLAND	2700 ALABAMA ST	HOUSTON, 77004	450
111	HGSD	2611	2.280 E	BORDEN, INC. BAMA FOOD PRODUCTS	5501 CLINTON DR	HOUSTON, 77020	452



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111	TWDB	65-14-817	2.280 E	THE BAMA CO.	5501 CLINTON DR	HOUSTON, 77020	453
111	TWDB	65-14-803	2.280 E	THE BAMA CO.	5501 CLINTON DR	HOUSTON, 77020	455
111	TCEQ	TX205832	2.280 E	BAMA FOOD CO	5501 CLINTON DR	HOUSTON, 77020	457
111	HGSD	2612	2.280 E	BORDEN, INC. BAMA FOOD PRODUCTS	5501 CLINTON DR	HOUSTON, 77020	460
112	TCEQ	TX205261	2.291 NNE	OLDS PRESS AND FORGE	3315 CARR ST	HOUSTON, 77026	461
112	TCEQ	TX205380	2.291 NNE	OLD PRESS & FORGE	3315 CARR ST	HOUSTON, 77026	464
112	TWDB	65-14-438	2.291 NNE	OLDS PRESS & FORGE CO.	3315 CARR ST	HOUSTON, 77026	466
113	TCEQ	TX205323	2.308 NE	CAROL HARBOR	3902 WYLIE ST	HOUSTON, 77026	468
114	TWDB	65-22-120	2.308 S	CITY OF HOUSTON	SCOTT 3346 SCOTT ST STREET #3	HOUSTON, 77004	471
114	WUD	2133745824	2.308 S	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	474
114	WUD	4153460406	2.328 S	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	475
114	TWDB	65-22-121	2.328 S	CITY OF HOUSTON	SCOTT 3348 SCOTT ST STREET #4	HOUSTON, 77004	476
115	TWDB	65-13-944	2.310 W	CITY OF HOUSTON	0 ALLEN PKY CENTRAL #22	HOUSTON, 77019	479
115	WUD	3350488967	2.310 W	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	495
115	NWIS	USGS_29454109	2.310 W	LJ-65-13-944	0 ALLEN PKY	HOUSTON, 77019	496
115	HGSD	1023	2.310 W	HOUSTON, CITY OF	0 ALLEN PKY	HOUSTON, 77019	497
116	TWDB	65-22-204	2.318 ESE	ABLE SUPPLY CO.	5417 HARRISBURG BLVD	HOUSTON, 77011	498
117	TWDB	65-13-921	2.319 W	STANDARD RICE CO.	3131 MEMORIAL CT	HOUSTON, 77007	500
118	TWDB	65-22-103	2.347 S	CITY OF HOUSTON	3356 SCOTT ST	HOUSTON, 77004	502
118	WUD	3189453145	2.347 S	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	518
118	NWIS	USGS_29433409	2.347 S	LJ-65-22-103	3356 SCOTT ST	HOUSTON, 77004	519
118	HGSD	1095	2.347 S	HOUSTON, CITY OF	3356 SCOTT ST	HOUSTON, 77004	520
119	TCEQ	TX205263	2.344 SW	WILLIAMS BROTHERS WELL #4	3800 MILAM ST	HOUSTON, 77006	521
119	TCEQ	TX205264	2.344 SW	WILLIAMS BROTHERS WELL #3	3800 MILAM ST	HOUSTON, 77006	523
119	TCEQ	TX205265	2.344 SW	WILLIAMS BROTHERS WELL #5	3800 MILAM ST	HOUSTON, 77006	525
119	TCEQ	TX205267	2.344 SW	WILLIAMS BROTHERS WELL #6	3800 MILAM ST	HOUSTON, 77006	527
119	TCEQ	TX205266	2.344 SW	WILLIAMS BROTHERS WELL #10	3800 MILAM ST	HOUSTON, 77006	530
120	TCEQ	TX181648	2.349 NE	GEORGE FERGUSON	4420 QUITMAN ST	HOUSTON, 77026	532



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121	WUD	317067665	2.349 NNE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	534
122	TWDB	65-13-902	2.354 W	WASHINGTON LAUNDRY	920 STUDEMONT	HOUSTON, 77007	535
123	TCEQ	TX205395	2.368 N	HOUSTON INTERNATIONAL TELEPORT, INC	1801 COLLINGSWORTH ST	HOUSTON, 77009	537
124	HGSD	3458	2.371 SSE	UNIVERSITY OF HOUSTON	4211 ELGIN ST	HOUSTON, 77004	539
124	TWDB	65-22-102	2.371 SSE	UNIVERSITY OF HOUSTON	4211 ELGIN ST	HOUSTON, 77004	540
124	HGSD	1687	2.371 SSE	UNIVERSITY OF HOUSTON	4211 ELGIN ST	HOUSTON, 77004	542
125	TCEQ	TX205396	2.377 WNW	NATIONAL BEVERAGE CO	1600 STUDEMONT ST	HOUSTON, 77007	543
126	TCEQ	TX205391	2.381 NNW	METAL ENTERPRISES, INC	3803 FULTON ST	HOUSTON, 77009	546
127	TWDB	65-14-816	2.384 E	STANDARD ASBESTOS CO.	5523 CLINTON DR	HOUSTON, 77020	549
128	TCEQ	TX205394	2.413 NNE	M & N WELL SERVICE	3501 JENSEN DR	HOUSTON, 77026	551
129	TWDB	65-21-334	2.413 WSW	BABA YEGA RESTURANT	2607 GRANT ST	HOUSTON, 77006	553
129	NWIS	USGS_29444709	2.413 WSW	LJ-65-21-334	2607 GRANT ST	HOUSTON, 77006	555
129	SSDRD	TX6306	2.413 WSW	BABA YEGA RESTURANT	2607 GRANT ST	HOUSTON, 77006	556
129	HGSD	9086	2.413 WSW		2607 GRANT ST	HOUSTON, 77006	557
130	TWDB	65-13-942	2.440 W	AMERICAN GENERAL INS.	2727 ALLEN PKY	HOUSTON, 77019	558
130	HGSD	1670	2.440 W	AMERICAN GENERAL LIFE INS. CO.	2727 ALLEN PKY	HOUSTON, 77019	573
131	TWDB	65-14-738	2.444 NNE	HARRIS-GALVESTON SUBSIDENCE DISTRICT	3400 LINN ST	HOUSTON, 77026	574
131	TWDB	65-14-742	2.444 NNE	HARRIS-GALVESTON COAST SUBSIDENCE DIST.,N.E.	3400 LINN ST	HOUSTON, 77026	577
131	TWDB	65-14-745	2.444 NNE	HARRIS-GALVESTON COAST SUBSIDENCE DIST.,N.E.	3400 LINN ST	HOUSTON, 77026	580
131	TWDB	65-14-746	2.444 NNE	HARRIS-GALVESTON COAST SUBSIDENCE DIST.,N.E.	3400 LINN ST	HOUSTON, 77026	586
131	TWDB	65-14-759	2.444 NNE	CITY OF HOUSTON NORTHEAST #2	3400 LINN ST	HOUSTON, 77026	590
131	TWDB	65-14-727	2.445 NNE	CITY OF HOUSTON NORTHEAST	3400 LINN ST	HOUSTON, 77026	594
131	WUD	3391440784	2.444 NNE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	597
131	TCEQ	TX205388	2.444 NNE	HARRIS-GALVESTON SUBSIDENCE DISTRICT	3400 LINN ST	HOUSTON, 77026	598
131	TCEQ	TX205389	2.445 NNE	HARRIS-GALVESTON SUBSIDENCE DISTRICT	3400 LINN ST	HOUSTON, 77026	604
131	NWIS	USGS_29472809	2.445 NNE	LJ-65-14-738 (NORTHEAST	3400 LINN ST	HOUSTON, 77026	607



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				PIEZOMETER NO. 4)			
131	NWIS	USGS_29472809	2.445 NNE	LJ-65-14-759	3400 LINN ST	HOUSTON, 77026	608
131	NWIS	USGS_29472809	2.445 NNE	LJ-65-14-735	3400 LINN ST	HOUSTON, 77026	609
131	NWIS	USGS_29472809	2.445 NNE	LJ-65-14-742	3400 LINN ST	HOUSTON, 77026	610
131	NWIS	USGS_29472809	2.445 NNE	LJ-65-14-745	3400 LINN ST	HOUSTON, 77026	611
131	NWIS	USGS_29472809	2.445 NNE	LJ-65-14-746	3400 LINN ST	HOUSTON, 77026	612
131	TWDB	65-14-735	2.444 NNE	EXTENSOMETER HARRIS-GALVESTON COAST SUBSIDENCE DIST.,N.E.	3400 LINN ST	HOUSTON, 77026	613
132	HGSD	2910	2.446 NNE	CROZIER-NELSON CHEM. & CONST.	2505 COLLINGSWORTH ST	HOUSTON, 77026	616
133	TWDB	65-14-407	2.450 NNE	HUNT-WESSON FOODS, INC WELL #3	3506 CHERRY ST	HOUSTON, 77026	617
133	TWDB	65-14-425	2.452 NNE	HUNT-WESSON FOODS, INC	3506 CHERRY ST	HOUSTON, 77026	621
133	TWDB	65-14-408	2.450 NNE	HUNT-WESSON FOODS, INC WELL #4	3506 CHERRY ST	HOUSTON, 77026	623
134	TWDB	65-22-223	2.465 SE	HYGEIA ICE CO.	0 TELEPHONE RD	HOUSTON, 77023	625
135	TCEQ	TX199632	2.475 WNW	BRH GARVER	1515 STUDEMONT ST	HOUSTON, 77007	627
136	SSDRD	TX197988	2.519 WNW	GROCERS SUPPLY	0 COURT ST	HOUSTON, 77007	630
137	TCEQ	TX212784	2.557 E	TEXAS INDUSTRIAL PLATING	5713 ARMOUR DR	HOUSTON, 77020	631
137	TWDB	65-14-810	2.557 E	TEXAS INDUSTRIAL PLATING	5713 ARMOUR DR	HOUSTON, 77020	633
138	TCEQ	TX199549	2.559 E	HOUSTON BARGE - SIDE WAREHOUSE	6012 INDUSTRIAL WAY	HOUSTON, 77011	635
138	TWDB	65-14-821	2.559 E	HOUSTON BARGE CO.	6012 INDUSTRIAL WAY	HOUSTON, 77011	637
139	TWDB	65-13-947	2.561 NW	BEAUCHAMPS SPRINGS	400 W COTTAGE ST	HOUSTON, 77009	639
139	NWIS	USGS_29473109	2.561 NW	LJ-65-13-947	400 W COTTAGE ST	HOUSTON, 77009	641
139	HGSD	1788	2.561 NW	LAMAR HOTEL	400 W COTTAGE ST	HOUSTON, 77009	642
140	TCEQ	TX205303	2.583 N	KENT WONG	4107 GANO ST	HOUSTON, 77009	643
141	TCEQ	TX199514	2.585 SW	DWIGHT PHILLIPS	401 RICHMOND AVE	HOUSTON, 77002	646
142	TWDB	65-14-416	2.603 NNE	STANDARD RENDERING CO.	3603 CHERRY ST	HOUSTON, 77026	648
142	TWDB	65-14-417	2.601 NNE	STANDARD RENDERING CO.	3603 CHERRY ST	HOUSTON, 77026	650



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MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
143	HGSD	1978	2.608 SE	HUGHES TOOL COMPANY	5425 POLK ST	HOUSTON, 77023	652
143	TWDB	65-22-203	2.609 SE	HUGHES TOOL CO.	5425 POLK ST	HOUSTON, 77023	653
143	TWDB	65-22-202	2.609 SE	HAMMS BREWING	5425 POLK ST	HOUSTON, 77023	655
143	TWDB	65-22-210	2.608 SE	HUGHES TOOL CO.	5425 POLK ST	HOUSTON, 77023	657
143	TWDB	65-22-211	2.608 SE	HUGHES TOOL CO. #2	5425 POLK ST	HOUSTON, 77023	659
143	TWDB	65-22-212	2.609 SE	HUGHES TOOL CO. #1	5425 POLK ST	HOUSTON, 77023	661
143	HGSD	1977	2.608 SE	HUGHES TOOL COMPANY	5425 POLK ST	HOUSTON, 77023	663
144	SSDRD	TX413947	2.615 WNW	CARWASH PARTNERS INC	3522 WASHINGTON AVE	HOUSTON, 77007	664
144	HGSD	13397	2.615 WNW	MISTER CAR WASH	3522 WASHINGTON AVE	HOUSTON, 77007	665
145	TCEQ	TX205386	2.637 E	GULF COAST CEMENT COMPANY	6125 INDUSTRIAL WAY	HOUSTON, 77011	666
145	TWDB	65-14-818	2.637 E	GULF COAST CEMENT CO.	6125 INDUSTRIAL WAY WELL #1	HOUSTON, 77011	673
146	TCEQ	TX205312	2.650 NNW	HENRY BAKER	4106 BEGGS ST	HOUSTON, 77009	675
147	TWDB	65-14-406	2.650 NNE	CITY OF HOUSTON NORTHEAST #3	3156 CRANE ST	HOUSTON, 77026	678
147	WUD	2851594561	2.650 NNE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	686
147	NWIS	USGS_29474509	2.650 NNE	LJ-65-14-406	3156 CRANE ST	HOUSTON, 77026	687
147	HGSD	1084	2.650 NNE	HOUSTON, CITY OF	3156 CRANE ST	HOUSTON, 77026	688
148	TWDB	65-14-804	2.678 E	MCDONOUGH CEMENT CO.	6200 INDUSTRIAL WAY	HOUSTON, 77011	689
149	TWDB	65-13-916	2.682 WNW	HORLOCK ICE.CO.	0 HARVARD	HOUSTON, 77007	691
150	TWDB	65-14-809	2.715 NE	SOUTHERN PACIFIC RAILROAD	4910 LIBERTY RD	HOUSTON, 77026	694
151	TCEQ	TX205302	2.728 ENE	HOUSTON LIGHTING & POWER	1702 SAKOWITZ ST	HOUSTON, 77020	696
152	HGSD	2128	2.743 ESE	SPARKLE ICE COMPANY	0 HARRISBURG BLVD	HOUSTON, 77011	699
153	TWDB	65-21-305	2.759 SW	DR. ALLALY	4806 FANNIN ST	HOUSTON, 77004	700
154	TWDB	65-13-906	2.786 W	HARRIS CREAM TOP DAIRY	3231 ALLEN PKY	HOUSTON, 77019	702
155	TWDB	65-14-807	2.790 E	INDUSTRIAL TOWEL AND UNIFORM CO.	1335 KRESS ST	HOUSTON, 77020	704
155	HGSD	1791	2.790 E	CINTAS CORPORATION	1335 KRESS ST	HOUSTON, 77020	706
156	TWDB	65-22-205	2.838 ESE	REED ROLLER BIT CO.	6501 NAVIGATION BLVD WELL 3	HOUSTON, 77011	707
156	HGSD	1709	2.838 ESE	REED HYCALOG, LP	6501 NAVIGATION BLVD	HOUSTON, 77011	709



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157	TWDB	65-14-811	2.840 E	HOUSTON ELECTRIC CO.	6203 INDUSTRIAL WAY	HOUSTON, 77011	710
157	HGSD	1688	2.841 E	PETROLEUM COKE GRINDING INC.	6203 INDUSTRIAL WAY	HOUSTON, 77011	712
158	TWDB	65-22-229	2.860 SE	SCHUMACHER CO.	5610 POLK ST	HOUSTON, 77023	713
158	HGSD	2006	2.860 SE	SCHUMACHER COMPANY, INC.	5610 POLK ST	HOUSTON, 77023	715
159	TWDB	65-14-432	2.874 N	NEWSOM'S TRUCK LINES	1509 FRAWLEY ST	HOUSTON, 77009	716
160	TWDB	65-22-132	2.876 SSE	BLUE RIBBON PACKING CO	4725 CALHOUN RD	HOUSTON, 77004	718
161	TCEQ	TX231040	2.882 NNW	V A BINHGAM	201 CORONADO ST	HOUSTON, 77009	720
161	TCEQ	TX208460	2.882 NNW	MR. V.A. BIGHAM	201 CORONADO ST	HOUSTON, 77009	722
162	TWDB	65-22-222	2.904 ESE	TEXAS ICE AND FUEL CO.	6503 HARRISBURG BLVD	HOUSTON, 77011	724
162	TWDB	65-22-225	2.904 ESE	TEXAS ICE AND FUEL CO	6503 HARRISBURG BLVD	HOUSTON, 77011	726
163	TCEQ	TX187799	2.918 W	DAVIS BROTHERS CONSTRUCTION	777 DUNLAVY ST	HOUSTON, 77019	728
163	HGSD	5459	2.918 W	VILLAS AT RIVER OAKS	777 DUNLAVY ST	HOUSTON, 77019	730
164	TCEQ	TX205319	2.934 NNE	RAINBO BAKERY	3401 CHICKERING ST	HOUSTON, 77026	731
165	TCEQ	TX181650	2.977 SE	DELUXE CLEANERS	5420 LAWNSDALE ST	HOUSTON, 77023	734
166	TCEQ	TX206006	2.988 SW	KYLE SMITH	1220 SOUTHMORE BLVD	HOUSTON, 77004	736
166	TCEQ	TX206007	2.988 SW	KYLE SMITH	1220 SOUTHMORE BLVD	HOUSTON, 77004	738
166	TCEQ	TX206009	2.988 SW	KYLE SMITH	1220 SOUTHMORE BLVD	HOUSTON, 77004	740
166	TCEQ	TX206010	2.988 SW	KYLE SMITH	1220 SOUTHMORE BLVD	HOUSTON, 77004	742
166	TCEQ	TX206011	2.988 SW	KYLE SMITH	1220 SOUTHMORE BLVD	HOUSTON, 77004	744
166	TCEQ	TX206012	2.988 SW	KYLE SMITH	1220 SOUTHMORE BLVD	HOUSTON, 77004	746
166	TCEQ	TX206013	2.988 SW	KYLE SMITH	1220 SOUTHMORE BLVD	HOUSTON, 77004	748
166	TCEQ	TX206014	2.988 SW	KYLE SMITH	1220 SOUTHMORE BLVD	HOUSTON, 77004	750
166	TCEQ	TX206008	2.988 SW	KYLE SMITH	1220 SOUTHMORE BLVD	HOUSTON, 77004	752
167	TWDB	65-13-621	2.994 NW	GLOBE LAUNDRY AND CLEANERS	1137 KEY ST	HOUSTON, 77009	754
167	HGSD	2169	2.995 NW	HARDING, GEORGE F.	1137 KEY ST	HOUSTON, 77009	756
168	TCEQ	TX181633	3.007 SE	LAYNE TEXAS CO	5402 LAWNSDALE ST	HOUSTON, 77023	757
169	TWDB	65-13-909	3.030 NW	CREAMIX CORP.	726 E 11TH 1/2 ST	HOUSTON, 77008	759
170	HGSD	1086	3.031 NNE		3305 COAL ST	HOUSTON, 77026	761
171	TWDB	65-14-820	3.049 E	RICE HOTEL LAUNDRY	6999 OLD CLINTON RD	HOUSTON, 77020	762



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172	WUD	1500149105	3.053 NNE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	770
172	WUD	1534426626	3.053 NNE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	771
173	TWDB	65-14-507	3.063 NNE	CITY OF HOUSTON KASHMERE GARDENS	0 FALLS ST	HOUSTON, 77026	772
173	TWDB	65-14-501	3.063 NNE	CITY OF HOUSTON KASHMERE GARDENS	0 FALLS ST	HOUSTON, 77026	774
174	TWDB	65-21-312	3.072 WSW	AMERICAN SERVICE CO.	1634 WESTHEIMER RD	HOUSTON, 77006	776
175	TWDB	65-22-215	3.075 ESE	MARSHALL ICE CO.	6714 NAVIGATION BLVD	HOUSTON, 77011	778
176	WUD	1339026558	3.096 SSW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	780
177	HGSD	1967	3.123 NE	SOUTHERN PACIFIC TRANS. CO.	7000 LIBERTY RD	HOUSTON, 77020	781
177	TWDB	65-14-801	3.123 NE	SOUGHERN PACIFIC RAILROAD	7000 LIBERTY RD	HOUSTON, 77020	782
177	TWDB	65-14-802	3.123 NE	SOUTHERN PACIFIC RAILROAD	7000 LIBERTY RD	HOUSTON, 77020	784
177	TWDB	65-14-814	3.123 NE	SOUTHEN PACIFIC RAILROAD	7000 LIBERTY RD	HOUSTON, 77020	786
177	TCEQ	TX205382	3.123 NE	SOUTHERN PACIFIC TRANSPORTATION CO	7000 LIBERTY RD	HOUSTON, 77020	788
177	TCEQ	TX205383	3.123 NE	SOUTHERN PACIFIC TRANSPORTATION CO	7000 LIBERTY RD	HOUSTON, 77020	791
177	HGSD	1968	3.123 NE	SOUTHERN PACIFIC TRANS. CO.	7000 LIBERTY RD	HOUSTON, 77020	795
178	HGSD	1990	3.135 E	9W HALO OPCO L.P.	1441 LATHROP ST	HOUSTON, 77020	796
179	WUD	3722622033	3.135 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	797
180	WUD	3205350702	3.145 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	798
181	TCEQ	TX205392	3.146 N	C.G. VAUGHN	2525 CAVALCADE ST	HOUSTON, 77026	799
182	HGSD	2334	3.148 NNE	FREEDMAN BROTHERS PACKING CO.	3906 JENSEN DR	HOUSTON, 77026	801
183	TCEQ	TX205390	3.150 S	T & L DRILLING	3501 SOUTHMORE BLVD	HOUSTON, 77004	802
184	TCEQ	TX187797	3.163 W	H.L.& P	0 ALLEN PKY	HOUSTON, 77019	804
184	TCEQ	TX187796	3.162 W	H.L.& P	0 ALLEN PKY	HOUSTON, 77019	807
185	TWDB	65-22-131	3.184 SSE	DIXON PACKING CO.	0 WHEELER	HOUSTON, 77004	809
186	TWDB	65-14-405	3.199 NNE	CITY OF HOUSTON	ADDRESS NOT LISTED	HOUSTON, 77026	811
186	WUD	2759768148	3.200 NNE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	817
186	NWIS	USGS_29481509	3.199 NNE	LJ-65-14-405	ADDRESS NOT LISTED	HOUSTON, 77026	818



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186	HGSD	1085	3.201 NNE	HOUSTON, CITY OF	ADDRESS NOT LISTED	HOUSTON, 77026	819
187	TCEQ	TX206022	3.210 SSW	C.E. SWEIVEN	2100 BINZ ST	HOUSTON, 77004	820
188	TWDB	65-22-216	3.213 SSE	H B & T RR #2	5000 GULF FWY	HOUSTON, 77023	822
189	TCEQ	TX170136	3.228 SW	THOMPSON & HANSON	1500 BINZ ST	HOUSTON, 77004	824
189	HGSD	7410	3.228 SW	CHILDREN'S MUSEUM OF HOUSTON, THE	1500 BINZ ST	HOUSTON, 77004	827
190	TCEQ	TX199540	3.267 SSW	JMG BUILDERS	5500 SAMPSON ST	HOUSTON, 77004	828
190	HGSD	8594	3.267 SSW	USA SAVOY LEASCO, LLC	5500 SAMPSON ST	HOUSTON, 77004	830
191	TWDB	65-22-133	3.271 SSE	PORT CITY STOCK YARDS	0 WHEELER RD	HOUSTON, 77004	831
192	TCEQ	TX199633	3.283 NW	11TH STREET WASHATERIA	220 E 11TH ST	HOUSTON, 77008	833
192	HGSD	7591	3.282 NW	DO, HUNG DANG	220 E 11TH ST	HOUSTON, 77008	836
193	TCEQ	TX205322	3.282 N	DR. T.V TRAN	5122 CHERRY ST	HOUSTON, 77026	837
194	TCEQ	TX198372	3.286 W	BRH GARVER	4525 WASHINGTON AVE	HOUSTON, 77007	840
195	HGSD	2869	3.286 SW	PARKLANE PLAZA INTERESTS	1661 HERMANN DR	HOUSTON, 77004	842
196	TCEQ	TX205318	3.288 N	MRS. DORIS ADAMS	5302 CHAPMAN ST	HOUSTON, 77009	843
197	TCEQ	TX187821	3.291 W	ST. THOMAS HIGH SCHOOL	4500 MEMORIAL DR	HOUSTON, 77007	846
197	HGSD	5814	3.291 W	ST. THOMAS HIGH SCHOOL	4500 MEMORIAL DR	HOUSTON, 77007	849
198	TWDB	65-22-209	3.292 ESE	E SIMS	6565 MIRAGLEN ST	HOUSTON, 77023	850
199	TWDB	65-13-914	3.304 W	CITY OF HOUSTON	4520 WASHINGTON AVE	HOUSTON, 77007	852
199	TWDB	65-13-915	3.304 W	CITY OF HOUSTON	4520 WASHINGTON AVE	HOUSTON, 77007	854
200	WUD	3760387295	3.309 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	856
201	HGSD	1672	3.318 SW	WYNDHAM WARWICK ASSOCIATES	5701 MAIN ST	HOUSTON, 77004	857
201	TWDB	65-21-331	3.318 SW	WARWICK HOTEL	5701 MAIN ST	HOUSTON, 77004	858
201	TWDB	65-21-318	3.318 SW	WARWICK HOTEL	5701 MAIN ST	HOUSTON, 77004	861
201	TCEQ	TX206005	3.318 SW	THE WYNDHAM WARWICK	5701 MAIN ST	HOUSTON, 77004	863
201	NWIS	USGS_29432709	3.318 SW	LJ-65-21-333	5701 MAIN ST	HOUSTON, 77004	867
201	HGSD	5290	3.318 SW	ZAZA FOUNTAINS, LP	5701 MAIN ST	HOUSTON, 77004	868
202	TWDB	65-22-208	3.327 SE	J BAIER	960 S WAYSIDE DR	HOUSTON, 77023	869
203	TWDB	65-13-912	3.328 WNW	HOUSTON COTTON OIL	600 W 6TH ST	HOUSTON, 77007	871



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				CO.			
204	TCEQ	TX199441	3.333 NNE	BIG STATE FREIGHT	5215 JENSEN DR	HOUSTON, 77026	873
205	TCEQ	TX205305	3.339 N	TOM LANG	5305 IRVINGTON BLVD	HOUSTON, 77009	875
206	HGSD	2732	3.352 WSW		1701 W ALABAMA ST	HOUSTON, 77098	877
207	TCEQ	TX205306	3.353 NNE	LOLA HOLT	5016 NECHES ST	HOUSTON, 77026	878
208	WUD	3220922763	3.373 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	880
208	WUD	932202874	3.373 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	881
209	SSDRD	TX214937	3.377 SW	BOHNN, ANNE	6 WAVERLY CT	HOUSTON, 77005	882
210	HGSD	13807	3.378 W	ROBERTSON, JAMES	2 TIEL WAY	HOUSTON, 77019	883
211	TCEQ	TX205299	3.383 E	JOHN H. HARRISON	7201 TUCK ST	HOUSTON, 77020	884
211	TWDB	65-14-819	3.383 E	JOHN H. HARRISON	7201 TUCK ST	HOUSTON, 77020	886
212	WUD	554435248	3.385 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	888
213	TCEQ	TX199513	3.402 SW	DENNIS WRIGHT	1205 BISSONNET ST	HOUSTON, 77005	889
214	HGSD	3993	3.405 NNE	GOODWILL INDUSTRIES OF HOUSTON	5200 JENSEN DR	HOUSTON, 77026	891
214	TWDB	65-14-440	3.404 NNE	GOODWILL INDUSTRIES	5200 JENSEN DR	HOUSTON, 77026	892
214	TWDB	65-14-431	3.403 NNE	GOODWILL INDUSTRIES #3	5200 JENSEN DR	HOUSTON, 77026	894
214	TCEQ	TX205385	3.405 NNE	GOODWILL INDUSTRIES	5200 JENSEN DR	HOUSTON, 77026	896
214	NWIS	USGS_29482909	3.404 NNE	LJ-65-14-440	5200 JENSEN DR	HOUSTON, 77026	902
214	HGSD	2270	3.405 NNE	GOODWILL INDUSTRIES OF HOUSTON	5200 JENSEN DR	HOUSTON, 77026	903
215	TCEQ	TX206016	3.404 SW	PETE MELSHER	2 REMINGTON LN	HOUSTON, 77005	904
216	TCEQ	TX205404	3.405 SW	WINDI PHILLIPS	1310 SOUTH BLVD	HOUSTON, 77006	906
217	TWDB	65-14-415	3.410 NNW	W. E. EMERSON	603 GRACELAND ST	HOUSTON, 77009	908
218	SSDRD	TX544835	3.422 SW	MARK D'ANDREA	2 1/2 REMINGTON LN	HOUSTON, 77005	910
218	HGSD	14275	3.422 SW	DR. MARK D'ANDREA	2 1/2 REMINGTON LN	HOUSTON, 77005	911
219	TCEQ	TX206390	3.433 NW	SHIPLEY	5200 N MAIN ST	HOUSTON, 77009	912
220	TCEQ	TX205981	3.433 SW	JOHN FORT	1323 NORTH BLVD	HOUSTON, 77006	915
221	SSDRD	TX353580	3.435 E	ROBERT SERNA	7226 TUCK ST	HOUSTON, 77020	917
222	TWDB	65-22-207	3.452 ESE	HOUSTON GOLF CLUB #2	ADDRESS NOT LISTED	HOUSTON, 77011	918
222	TWDB	65-22-214	3.452 ESE	HOUSTON GOLF CLUB	ADDRESS NOT LISTED	HOUSTON, 77011	920



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222	TWDB	65-22-206	3.452 ESE	HOUSTON GOLF CLUB	ADDRESS NOT LISTED	HOUSTON, 77011	922
223	TCEQ	TX230255	3.454 SSW	TILLMAN DEVELOPMENT	3221 N MACGREGOR WAY	HOUSTON, 77004	924
224	TWDB	65-13-911	3.458 WNW	SWIFT AND CO.	609 WAVERLY ST	HOUSTON, 77007	927
225	TCEQ	TX221215	3.463 SW	MR HENDERSON	4 REMINGTON LN	HOUSTON, 77005	929
225	TCEQ	TX206018	3.463 SW	MR HENDERSON	4 REMINGTON LN	HOUSTON, 77005	931
226	TCEQ	TX206024	3.467 SW	HOUSTON LIGHT & POWER CO	13 SHADOW LAWN ST	HOUSTON, 77005	933
227	TCEQ	TX205408	3.476 SSW	MR. PAUL PENDLETON	0 PRIVATE STREETS	HOUSTON, 77021	935
228	TCEQ	TX206019	3.483 SW	MR HENDERSON	3 REMINGTON LN	HOUSTON, 77005	938
229	HGSD	1111	3.496 SW	HOUSTON, CITY OF	6001 FANNIN ST	HOUSTON, 77030	940
229	TWDB	65-21-306	3.496 SW	CITY OF HOUSTON	SOUTH 6001 FANNIN ST END #11	HOUSTON, 77030	941
229	TWDB	65-21-304	3.496 SW	CITY OF HOUSTON	6001 FANNIN ST	HOUSTON, 77030	957
229	TWDB	65-21-309	3.496 SW	CITY OF HOUSTON	SOUTH 6001 FANNIN ST END #6	HOUSTON, 77030	964
229	TWDB	65-21-320	3.496 SW	CITY OF HOUSTON	SOUTH 6001 FANNIN ST END #5	HOUSTON, 77030	966
229	TWDB	65-21-321	3.496 SW	CITY OF HOUSTON	SOUTH 6001 FANNIN ST END #4	HOUSTON, 77030	969
229	TWDB	65-21-323	3.496 SW	CITY OF HOUSTON	SOUTH 6001 FANNIN ST END #3	HOUSTON, 77030	971
229	TWDB	65-21-319	3.496 SW	CITY OF HOUSTON	SOUTH 6001 FANNIN ST END #1	HOUSTON, 77030	973
229	TWDB	65-21-322	3.496 SW	CITY OF HOUSTON	SOUTH 6001 FANNIN ST END #2	HOUSTON, 77030	975
229	NWIS	USGS_29431909	3.496 SW	LJ-65-21-306	6001 FANNIN ST	HOUSTON, 77030	977
229	NWIS	USGS_29432009	3.496 SW	LJ-65-21-304	6001 FANNIN ST	HOUSTON, 77030	978
229	HGSD	1110	3.496 SW	HOUSTON, CITY OF	6001 FANNIN ST	HOUSTON, 77030	979
230	HGSD	4478	3.512 SE	HOUSTON, CITY OF	311 WAYSIDE DR	HOUSTON, 77011	980
231	SSDRD	TX204290	3.517 SW	MICHAEL LINN	2 LONGFELLOW LN	HOUSTON, 77005	981
232	TCEQ	TX206028	3.518 SW	MATT PRUCKA	8 REMINGTON LN	HOUSTON, 77005	982
233	TCEQ	TX199630	3.529 W	MR. PRUITT	4901 WASHINGTON AVE	HOUSTON, 77007	984
233	TWDB	65-13-945	3.529 W	ROBO CAR WASH	4901 WASHINGTON AVE	HOUSTON, 77007	986
234	SSDRD	TX173156	3.543 NNE	B. CHEATHAM	2821 FAIRBANKS ST	HOUSTON, 77026	988
235	HGSD	3215	3.545 N	TRUMIX CONCRETE COMPANY	5711 GOLD ST	HOUSTON, 77026	989

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235	TWDB	65-14-420	3.545 N	NORTHSIDE READY MIX CONCRETE CO.	5711 GOLD ST	HOUSTON, 77026	990
235	TCEQ	TX212755	3.545 N	NORTH SIDE READY MIX CONCRETE	5711 GOLD ST	HOUSTON, 77026	992
235	HGSD	3214	3.545 N	TRUMIX CONCRETE COMPANY	5711 GOLD ST	HOUSTON, 77026	995
236	TWDB	65-22-227	3.545 SE	VILLA DE MATEL	1500 S WAYSIDE DR	HOUSTON, 77023	996
237	TWDB	65-14-412	3.564 NNW	CITY OF HOUSTON LINDALE PARK	201 B DANNA LN	HOUSTON, 77009	998
238	HGSD	12739	3.566 W		56 TIEL WAY	HOUSTON, 77019	1000
239	TCEQ	TX206015	3.570 SW	ANTHONY PETRELLO	10 REMINGTON LN	HOUSTON, 77005	1001
240	HGSD	13307	3.582 S		4000 S MACGREGOR WAY	HOUSTON, 77021	1003
241	TCEQ	TX182201	3.585 W	HOSSEIN TABRIZI	1000 KIRBY DR	HOUSTON, 77019	1004
241	TCEQ	TX182200	3.585 W	HOSSEIN TABRIZI	1000 KIRBY DR	HOUSTON, 77019	1006
242	SSDRD	TX204732	3.592 SW	SCOTT VANDYKE	1515 SOUTH BLVD	HOUSTON, 77006	1009
243	HGSD	1798	3.599 WSW	ADMIRAL LINEN & UNIFORM SERVICE	2030 KIPLING ST	HOUSTON, 77098	1010
243	TWDB	65-21-332	3.599 WSW	ADMIRAL LINEN SERVICE	2030 KIPLING ST	HOUSTON, 77098	1011
243	TWDB	65-21-326	3.599 WSW	ADMIRAL LINEN CO.	2030 KIPLING ST	HOUSTON, 77098	1013
243	TCEQ	TX205914	3.599 WSW	ADMIRAL LINEN SERVICE	2030 KIPLING ST	HOUSTON, 77098	1015
243	NWIS	USGS_29442209	3.599 WSW	LJ-65-21-332	2030 KIPLING ST	HOUSTON, 77098	1017
243	HGSD	3964	3.599 WSW	ADMIRAL LINEN & UNIFORM SERVICE	2030 KIPLING ST	HOUSTON, 77098	1018
244	WUD	1247975889	3.627 SSW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1019
245	TWDB	65-22-217	3.636 SSE	PETROLEUM RECTIFYING CO.	5455 OLD SPANISH TRL	HOUSTON, 77023	1020
246	TCEQ	TX205403	3.641 SW	DAVID BERG	16 SUNSET BLVD	HOUSTON, 77005	1022
246	TCEQ	TX204949	3.641 SW	DAVID BERG	16 SUNSET BLVD	HOUSTON, 77005	1024
247	TCEQ	TX211693	3.647 NE	RAYMOND M TURNER	0 COLLINGSWORTH ST	HOUSTON, 77026	1026
248	TWDB	65-21-302	3.653 SW	CITY OF HOUSTON	0 HERMANN PARK DR	HOUSTON, 77004	1029
248	NWIS	USGS_29425109	3.653 SW	LJ-65-21-302	0 HERMANN PARK DR	HOUSTON, 77004	1035
248	HGSD	1108	3.653 SW	HOUSTON, CITY OF	0 HERMANN PARK DR	HOUSTON, 77004	1036
249	TCEQ	TX205355	3.656 NNW	FARMERS MARKET WASHATERIA	2216 AIRLINE DR	HOUSTON, 77009	1037
249	HGSD	7590	3.656 NNW		2216 AIRLINE DR	HOUSTON, 77009	1040

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250	TCEQ	TX206026	3.661 SW	MICHAEL FLYNN	22 SUNSET BLVD	HOUSTON, 77005	1041
251	WUD	843543329	3.714 NNE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1043
251	NWIS	USGS_29484409	3.714 NNE	LJ-65-14-404	5711 NECHES ST	HOUSTON, 77026	1044
251	TWDB	65-14-404	3.714 NNE	CITY OF HOUSTON	5711 NECHES ST	HOUSTON, 77026	1045
252	TCEQ	TX182089	3.716 SSW	MR. TERRY BLACKSTONE	3430 PARKWOOD	HOUSTON, 77021	1049
253	TCEQ	TX182088	3.717 SSW	NICKENS, J.C.	3418 PARKWOOD	HOUSTON, 77021	1052
254	TCEQ	TX199546	3.718 SSW	MR. O'NEIL	3412 S PARKWOOD DR	HOUSTON, 77021	1055
254	HGSD	14868	3.718 SSW		3412 S PARKWOOD DR	HOUSTON, 77021	1058
255	TCEQ	TX222253	3.732 NE	CORBETT FABRICATING	3838 MAJESTIC ST	HOUSTON, 77026	1059
255	TWDB	65-14-517	3.732 NE	CORBETT FABRICATING CO	3838 MAJESTIC ST	HOUSTON, 77026	1061
256	TCEQ	TX187798	3.745 W	LANIER YATES	2454 PINE VALLEY CT	HOUSTON, 77019	1063
257	TCEQ	TX199438	3.759 N	AM PUMP & WELL	2114 REID ST	HOUSTON, 77026	1065
258	TWDB	65-14-508	3.783 NE	GENERAL METALS CORP.	6519 LIBERTY RD	HOUSTON, 77028	1068
258	TWDB	65-14-505	3.783 NE	GENERAL METALS CORP.	6519 LIBERTY RD	HOUSTON, 77028	1070
259	TWDB	65-13-910	3.804 WNW	FIDELITY CHEM. CORP.	840 N SHEPHERD DR	HOUSTON, 77007	1072
260	HGSD	4477	3.819 SW	HOUSTON, CITY OF	6001 FANNIN ST	HOUSTON, 77030	1074
261	NWIS	USGS_29461309	3.822 E	LJ-65-14-912	1220 LABCO RD	HOUSTON, 77029	1075
261	TWDB	65-14-912	3.822 E	LAYNE BOWLER CO.	1220 LABCO RD	HOUSTON, 77029	1076
262	SSDRD	TX404314	3.849 W	CAMPO, RICHARD	2910 LAZY LANE BLVD	HOUSTON, 77019	1079
262	HGSD	13062	3.849 W		2910 LAZY LANE BLVD	HOUSTON, 77019	1080
263	NWIS	USGS_29441309	3.850 ESE	LJ-65-22-230	0 AVENUE F	HOUSTON, 77011	1081
263	TWDB	65-22-230	3.850 ESE		0 AVENUE F	HOUSTON, 77011	1082
264	TWDB	65-21-327	3.856 SW	CITY OF HOUSTON	SOUTH 6001 FANNIN ST END #12	HOUSTON, 77030	1085
264	WUD	3296048290	3.871 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1092
264	WUD	2044582600	3.856 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1093
264	NWIS	USGS_29430209	3.856 SW	LJ-65-21-327	6001 FANNIN ST	HOUSTON, 77030	1094
264	HGSD	1112	3.856 SW	HOUSTON, CITY OF	6001 FANNIN ST	HOUSTON, 77030	1095
265	HGSD	12419	3.862 W	KLAES, DANIEL	1561 KIRBY DR	HOUSTON, 77019	1096
266	TCEQ	TX206116	3.889 W	TYNES SPARKS BLDING CORP	2920 LAZY LANE BLVD	HOUSTON, 77019	1097
267	TCEQ	TX206117	3.892 W	T & C CONSTRUCTION	216 ASBURY ST	HOUSTON, 77007	1101



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268	TWDB	65-21-329	3.893 SW	RICE UNIVERSITY	6100 MAIN ST	HOUSTON, 77005	1103
268	TWDB	65-21-324	3.893 SW	RICE UNIVERSITY	6100 MAIN ST	HOUSTON, 77005	1111
268	WUD	2798585179	3.893 SW	RICE UNIVERSITY	PO BOX 1892	HOUSTON, 77251	1113
268	NWIS	USGS_29431609	3.893 SW	LJ-65-21-329	6100 MAIN ST	HOUSTON, 77005	1114
268	HGSD	2256	3.893 SW	RICE UNIVERSITY, WILLIAM MARSH	6100 MAIN ST	HOUSTON, 77005	1115
269	TCEQ	TX205419	3.897 SE	ENRIQUE HERNANDEZ	3014 CAROLTON ST	HOUSTON, 77023	1116
270	WUD	2900996235	3.915 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1118
270	TWDB	65-21-301	3.915 SW	CITY OF HOUSTON SOUTH 6001 FANNIN ST END #7		HOUSTON, 77030	1119
271	TWDB	65-22-505	3.920 SSE	HOUSTON BELT & TERMIN- AL RAILROAD	0 PRODUCE ROW		1122
272	TCEQ	TX207765	3.922 WSW	PRESTON VILLA APARTMENTS	0 GREENBRIAR DR	HOUSTON, 77098	1124
273	TWDB	65-13-815	3.929 W	S. P. FARISH	1604 KIRBY DR	HOUSTON, 77019	1127
274	TWDB	65-22-201	3.931 SE	CHRISTENSEN COURTS	5930 GULF FWY	HOUSTON, 77023	1129
275	TCEQ	TX182086	3.943 S	C. I. RUSS	6115 LA SALETTE ST	HOUSTON, 77021	1131
276	HGSD	9968	3.947 SE	FOREST PARK LAWNDALE	6900 LAWNDALE AVE	HOUSTON, 77023	1134
277	HGSD	14265	3.948 W	ARNOLD, MATT	2945 LAZY LANE BLVD	HOUSTON, 77019	1135
277	HGSD	14595	3.948 W		2945 LAZY LANE BLVD	HOUSTON, 77019	1136
278	TWDB	65-14-428	3.954 NNW	CITY OF HOUSTON LINDALE PARK	515 MELBOURNE ST	HOUSTON, 77022	1137
278	TWDB	65-14-435	3.953 NNW	CITY OF HOUSTON LINDALE PARK	503 MELBOURNE ST	HOUSTON, 77022	1139
279	TCEQ	TX182087	3.955 S	QUALITY AUTO PARTS	5920 SCOTT ST	HOUSTON, 77021	1141
280	SSDRD	TX228016	3.974 W	SCHLENKER, CALVIN & JILL	2909 INWOOD DR	HOUSTON, 77019	1144
281	SSDRD	TX197986	3.977 SSW	GROCERS SUPPLY	3131 HOLCOMBE BLVD	HOUSTON, 77021	1145
282	TCEQ	TX208716	3.977 W	BERRY ELLIS	2001 KIRBY DR	HOUSTON, 77019	1146
283	TWDB	65-21-330	3.990 SW	CITY OF HOUSTON	1513 CAMBRIDGE ST	HOUSTON, 77030	1148
283	WUD	36491390	3.990 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1155
283	NWIS	USGS_29424509	3.990 SW	LJ-65-21-330	1513 CAMBRIDGE ST	HOUSTON, 77030	1156
283	HGSD	1113	3.990 SW	HOUSTON, CITY OF	1513 CAMBRIDGE ST	HOUSTON, 77030	1157
284	HGSD	9268	3.990 WSW	HUNTINGDON COUNCIL OF CO-OWNERS, THE	2121 KIRBY DR	HOUSTON, 77019	1158



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285	WUD	2261811890	3.990 NNW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1159
285	TWDB	65-14-418	3.990 NNW	CITY OF HOUSTON OAKWOOD	404 KING ST	HOUSTON, 77022	1160
286	TCEQ	TX208466	4.008 SW	CITY OF HOUSTON	1513 N MACGREGOR DR	HOUSTON, 77004	1162
287	TCEQ	TX205024	4.021 W	MCDUGALD STEEL	2995 LAZY LANE BLVD	HOUSTON, 77019	1165
288	TCEQ	TX181646	4.035 NW	HEIGHTS SAVINGS ASSOCIATION	204 W 19TH ST	HOUSTON, 77008	1169
288	TWDB	65-13-623	4.035 NW	HEIGHTS SAVINGS ASSOC.	204 W 19TH ST	HOUSTON, 77008	1171
289	NWIS	USGS_29490109	4.046 NNW	LJ-65-14-409 (LINDALE PARK)	0 KING ST	HOUSTON, 77022	1173
289	TWDB	65-14-409	4.046 NNW	CITY OF HOUSTON LINDALE PARK	0 KING ST	HOUSTON, 77022	1174
290	TCEQ	TX199545	4.059 SE	MID CITY REALTY	0 WHEELER	HOUSTON, 77023	1177
291	SSDRD	TX220553	4.061 W	CEDAR BALDRIDGE	2947 INWOOD DR	HOUSTON, 77019	1180
292	TWDB	65-21-328	4.065 WSW	PRESTON VILLA APARTMENTS	2332 SUL ROSS ST	HOUSTON, 77098	1181
293	TCEQ	TX205984	4.065 W	CHIP BRYAN	2938 DEL MONTE DR	HOUSTON, 77019	1183
294	TWDB	65-14-514	4.067 NE	PITTSBURGH PLATE GLASS CO.	6621 LIBERTY RD	HOUSTON, 77028	1185
294	TWDB	65-14-510	4.065 NE	PITTSBURGH PLATE GLASS CO.	6621 LIBERTY RD	HOUSTON, 77028	1191
294	HGSD	1675	4.066 NE	PPG INDUSTRIES, INC.	6621 LIBERTY RD	HOUSTON, 77028	1193
295	TCEQ	TX208722	4.066 WNW	J.D. PETERS	1101 W 13TH ST	HOUSTON, 77008	1194
296	TCEQ	TX204954	4.087 SSE	PAN AFRICAN ORTHODOX CHRISTIAN CHURCH	5320 MARTIN LUTHER KING JR BLVD	HOUSTON, 77021	1196
296	TCEQ	TX204955	4.087 SSE	PAN AFRICAN ORTHODOX CHRISTIAN CHURCH	5320 MARTIN LUTHER KING JR BLVD	HOUSTON, 77021	1198
296	HGSD	7507	4.087 SSE	PAN AFRICAN ORTHODOX CHRISTIAN CHURCH	5320 MARTIN LUTHER KING JR BLVD	HOUSTON, 77021	1200
297	TCEQ	TX213288	4.096 NNW	NORTH GATE STATE BANK	6502 ENID ST	HOUSTON, 77022	1201
298	TCEQ	TX206102	4.096 W	JIM KEMPNER	3000 DEL MONTE DR	HOUSTON, 77019	1203
299	TWDB	65-21-307	4.098 SW	HERMAN HOSPITAL	1402 CAMBRIDGE ST	HOUSTON, 77030	1206
299	HGSD	2199	4.097 SW	HERMANN HOSPITAL ESTATE	1402 CAMBRIDGE ST	HOUSTON, 77030	1209
300	TWDB	65-14-905	4.100 ENE	HOUSTON BAND MILL	0 LYONS	HOUSTON, 77029	1210

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301	SSDRD	TX174612	4.103 W	TYNE SPARKS BUILDERS	2960 LAZY LANE BLVD	HOUSTON, 77019	1212
302	TWDB	65-14-439	4.108 N	GIFFORD HILL	0 IRVINGTON BLVD	HOUSTON, 77022	1213
302	HGSD	2017	4.109 N	GIFFORD-HILL & COMPANY, INC.	0 IRVINGTON BLVD	HOUSTON, 77022	1216
303	HGSD	3707	4.109 NW	HOUSTON, CITY OF	0 HERKIMER ST	HOUSTON, 77008	1217
303	TWDB	65-13-627	4.109 NW	CITY OF HOUSTON, HEIGHTS, WELL #7A	0 HERKIMER ST	HOUSTON, 77008	1218
303	TWDB	65-13-608	4.110 NW	CITY OF HOUSTON	0 HERKIMER ST	HOUSTON, 77008	1220
303	WUD	2969749797	4.111 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1224
303	TCEQ	TX205359	4.111 NW	CITY OF HOUSTON	0 HERKIMER ST	HOUSTON, 77008	1225
303	NWIS	USGS_29475209	4.109 NW	LJ-65-13-627	0 HERKIMER ST	HOUSTON, 77008	1230
303	HGSD	3372	4.109 NW		0 HERKIMER ST	HOUSTON, 77008	1231
304	HGSD	2727	4.114 W	ALLBRITTON, JOE L.	2980 LAZY LN	HOUSTON, 77019	1232
305	WUD	3473894818	4.116 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1233
306	TWDB	65-13-833	4.118 W	J. RAY MCDERMOTT	2950 LAZY LANE BLVD	HOUSTON, 77019	1234
306	HGSD	3240	4.119 W	MCDERMOTT, MRS. R. THOMAS	2950 LAZY LANE BLVD	HOUSTON, 77019	1236
307	SSDRD	TX174825	4.131 SE	FOREST PARK LAWNDALE	6900 LAWNDALE AVE	HOUSTON, 77023	1237
308	SSDRD	TX204294	4.134 W	TOM HOOKS	3005 DEL MONTE DR	HOUSTON, 77019	1238
309	TCEQ	TX196150	4.139 WSW	DR. H.C. ROBINSON, JR.	2626 WESTHEIMER RD	HOUSTON, 77098	1239
310	TWDB	65-21-303	4.141 SW	CITY OF HOUSTON	0 N MACGREGOR WAY	HOUSTON, 77004	1243
310	WUD	1197723061	4.141 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1251
310	NWIS	USGS_29423009	4.141 SW	LJ-65-21-303	0 N MACGREGOR WAY	HOUSTON, 77004	1252
310	HGSD	1109	4.141 SW	HOUSTON, CITY OF	0 N MACGREGOR WAY	HOUSTON, 77004	1253
311	SSDRD	TX413970	4.167 W	DOGGETT, ANN	3030 INWOOD DR	HOUSTON, 77019	1254
311	HGSD	13022	4.167 W	DOGGETT, WM LESLIE & ANN	3030 INWOOD DR	HOUSTON, 77019	1255
312	HGSD	1976	4.170 ESE	SOUTHWEST FABRICATING & WELDING	7529 HARRISBURG BLVD	HOUSTON, 77012	1256
312	TWDB	65-22-337	4.170 ESE	SOUTHWEST FABRICATORS	7529 HARRISBURG BLVD	HOUSTON, 77012	1257
312	HGSD	1975	4.170 ESE	SOUTHWEST FABRICATING & WELDING	7529 HARRISBURG BLVD	HOUSTON, 77012	1260
313	TWDB	65-22-412	4.171 SSW	ZERO FOOD CO.	0 NATCHEZ ST	HOUSTON, 77021	1261
314	TWDB	65-22-224	4.179 SE	FOREST PARK CEMETERY	6900 LAWNDALE AVE	HOUSTON, 77023	1263



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MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
315	HGSD	7508	4.195 SSE	PAN AFRICAN ORTHODOX	5400 MARTIN LUTHER KING JR BLVD	HOUSTON, 77021	1265
316	TCEQ	TX199107	4.201 W	WEAVER, JAMES D.	3196 DEL MONTE DR	HOUSTON, 77019	1266
317	TCEQ	TX199512	4.201 WSW	TOM TAYLOR	2128 ALBANS RD	HOUSTON, 77005	1269
318	HGSD	2596	4.222 NE	ALLIED FENCE CORPORATION	4444 HOMESTEAD RD	HOUSTON, 77028	1272
318	HGSD	2595	4.222 NE	ALLIED FENCE CORPORATION	4444 HOMESTEAD RD	HOUSTON, 77028	1273
319	TWDB	65-14-403	4.225 NNE	CITY OF HOUSTON	ADDRESS NOT LISTED	HOUSTON, 77026	1274
319	WUD	2791506894	4.225 NNE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1278
319	NWIS	USGS_29490909	4.225 NNE	LJ-65-14-403	ADDRESS NOT LISTED	HOUSTON, 77026	1279
319	HGSD	1087	4.226 NNE		ADDRESS NOT LISTED	HOUSTON, 77026	1280
320	TCEQ	TX206123	4.225 W	BLUEWATER REAL ESTATE	310 TERRACE DR	HOUSTON, 77007	1281
321	SSDRD	TX174829	4.225 W	M F DEVELOPMENT	6039 GLENCOVE ST	HOUSTON, 77007	1284
322	TCEQ	TX181958	4.247 NNE	PAUL S WAHLBERG	4117 KING ST	HOUSTON, 77026	1285
323	TCEQ	TX206126	4.263 W	JON L. GILBREATH	3232 INWOOD DR	HOUSTON, 77019	1287
324	SSDRD	TX197981	4.265 SSW	GROCERS SUPPLY	3100 HOLCOMBE BLVD	HOUSTON, 77021	1289
325	TWDB	65-14-413	4.270 N	KOPPERS COMPANY, INC.	7201 W HARDY RD	HOUSTON, 77022	1290
325	TWDB	65-14-414	4.271 N	KOPPERS COMPANY, INC.	7201 W HARDY RD	HOUSTON, 77022	1293
326	TCEQ	TX204739	4.276 WSW	MISTER CAR WASH	3130 KIRBY DR	HOUSTON, 77098	1295
326	HGSD	4959	4.276 WSW	CWP ASSET CORP./MISTER CAR WASH	3130 KIRBY DR	HOUSTON, 77098	1298
327	TCEQ	TX200244	4.278 S	MONTGOMERY SIGN SERVICE	6216 SAINT AUGUSTINE ST	HOUSTON, 77021	1299
328	WUD	798316944	4.280 N	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1301
328	TWDB	65-14-410	4.281 N	CITY OF HOUSTON HUNTINGTON	2215 BENNINGTON ST	HOUSTON, 77093	1302
329	TCEQ	TX206124	4.288 WNW	JESTER APARTMENTS PARTNERS	701 T C JESTER BLVD	HOUSTON, 77008	1304
329	HGSD	8849	4.287 WNW	STONEWOOD APARTMENTS	701 T C JESTER BLVD	HOUSTON, 77008	1306
330	TWDB	65-14-904	4.296 ENE	HYDRILL OIL TOOL	270 MCCARTY ST	HOUSTON, 77029	1307
331	HGSD	2348	4.308 NNW	SOUTHERN STAR CONCRETE, INC.	302 BENNINGTON ST	HOUSTON, 77022	1309

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MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
331	TWDB	65-14-419	4.308 NNW	LONE STAR CEMENT CO.	302 BENNINGTON ST	HOUSTON, 77022	1310
331	TCEQ	TX208286	4.308 NNW	LONE STAR INDUSTRIES	302 BENNINGTON ST	HOUSTON, 77022	1312
331	SSDRD	TX23463	4.308 NNW	HANSON CONCRETE	302 BENNINGTON ST	HOUSTON, 77022	1315
331	HGSD	9533	4.308 NNW	SOUTHERN STAR CONCRETE, INC.	302 BENNINGTON ST	HOUSTON, 77022	1316
332	SSDRD	TX222014	4.315 W	DON CHALMERS	3240 INWOOD DR	HOUSTON, 77019	1317
332	SSDRD	TX199502	4.315 W	MOSING, KEITH	3240 INWOOD DR	HOUSTON, 77019	1318
332	TWDB	65-13-814	4.315 W	H. R. CULLEN	3240 INWOOD DR	HOUSTON, 77019	1319
333	TWDB	65-14-521	4.318 NE	HERRIN TRANSPORTATION CO.	5656 KELLEY ST	HOUSTON, 77026	1321
334	HGSD	1069	4.320 NW	HOUSTON, CITY OF	449 W 19TH ST	HOUSTON, 77008	1323
334	TWDB	65-13-624	4.320 NW	CITY OF HOUSTON HEIGHTS #17	449 W 19TH ST	HOUSTON, 77008	1324
334	TWDB	65-13-604	4.320 NW	CITY OF HOUSTON HEIGHTS #16	449 W 19TH ST	HOUSTON, 77008	1332
334	TWDB	65-13-607	4.320 NW	CITY OF HOUSTON HEIGHTS #8	449 W 19TH ST	HOUSTON, 77008	1348
334	TWDB	65-13-606	4.320 NW	CITY OF HOUSTON HEIGHTS #5	449 W 19TH ST	HOUSTON, 77008	1352
334	TWDB	65-13-614	4.321 NW	CITY OF HOUSTON HEIGHTS #3	449 W 19TH ST	HOUSTON, 77008	1355
334	TWDB	65-13-613	4.321 NW	CITY OF HOUSTON HEIGHTS #2	449 W 19TH ST	HOUSTON, 77008	1358
334	WUD	467956077	4.320 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1360
334	WUD	4092353616	4.320 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1361
334	WUD	1010352421	4.320 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1362
334	WUD	2316027359	4.320 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1363
334	WUD	593436693	4.320 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1364
334	WUD	1215288305	4.320 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1365
334	NWIS	USGS_29481209	4.321 NW	LJ-65-13-624	449 W 19TH ST	HOUSTON, 77008	1366
334	NWIS	USGS_29481109	4.320 NW	LJ-65-13-614	449 W 19TH ST	HOUSTON, 77008	1367
334	NWIS	USGS_29481609	4.320 NW	LJ-65-13-604	449 W 19TH ST	HOUSTON, 77008	1368
334	HGSD	1068	4.321 NW	HOUSTON, CITY OF	449 W 19TH ST	HOUSTON, 77008	1369
335	SSDRD	TX145996	4.327 W	SAM DOUGLASS	3229 GROVELAND LN	HOUSTON, 77019	1370
336	TWDB	65-14-913	4.332 ENE	OLIN MATHIESON CHEM. CO.	7621 WALLISVILLE RD	HOUSTON, 77020	1371
337	TCEQ	TX206001	4.339 W	CHALMERS	3247 INWOOD DR	HOUSTON, 77019	1373
337	TCEQ	TX206002	4.339 W	CHALMERS	3247 INWOOD DR	HOUSTON, 77019	1376
338	TCEQ	TX199543	4.347 WSW	JMG BUILDERS LTD BLVD	2440 NORTH BLVD	HOUSTON, 77098	1379



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338	HGSD	5893	4.347 WSW	BOULEVARD APARTMENTS, THE	2440 NORTH BLVD	HOUSTON, 77098	1381
339	TWDB	65-22-407	4.349 SSW	WATSON SERVICE STATION	3250 OLD SPANISH TRL	HOUSTON, 77054	1382
340	TCEQ	TX206422	4.352 W	SOUTHWEST FABRICATORS	1600 RIVER OAKS BLVD	HOUSTON, 77019	1384
341	WUD	2866093483	4.355 E	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1386
341	TWDB	65-14-901	4.365 E	CITY OF HOUSTON PLEASANTVILLEDIST 17	0 TILGHAM RD	HOUSTON, 77029	1387
342	TCEQ	TX205992	4.360 W	FAIRFAX RANDAL	3249 CHEVY CHASE DR	HOUSTON, 77019	1390
343	HGSD	5961	4.373 S	INDUSTRIAL METAL FINISHING COMPANY	4200 PERRY ST	HOUSTON, 77021	1393
343	HGSD	1862	4.373 S	INDUSTRIAL METAL FINISHING COMPANY	4200 PERRY ST	HOUSTON, 77021	1394
343	TWDB	65-22-415	4.373 S	INDUSTRIAL METAL FINISHING CO.	4200 PERRY ST	HOUSTON, 77021	1395
343	TCEQ	TX199541	4.373 S	INDUSTRIAL METAL FINISHERS	4200 PERRY ST	HOUSTON, 77021	1397
343	TCEQ	TX199553	4.373 S	INDUSTRIAL METAL FINISHING	4200 PERRY ST	HOUSTON, 77021	1399
343	TCEQ	TX205700	4.373 S	INDUSTRIAL METAL FINISHERS	4200 PERRY ST	HOUSTON, 77021	1401
343	HGSD	4495	4.373 S	INDUSTRIAL METAL FINISHING COMPANY	4200 PERRY ST	HOUSTON, 77021	1403
344	TWDB	65-21-213	4.377 WSW	CLAUDE B. HAMILL	3234 ELLA LEE LN	HOUSTON, 77019	1404
345	NWIS	USGS_29450109	4.382 W	LJ-65-13-840	1623 RIVER OAKS BLVD	HOUSTON, 77019	1406
345	SSDRD	TX20927	4.382 W	NED HOLMES	1623 RIVER OAKS BLVD	HOUSTON, 77019	1407
345	TWDB	65-13-840	4.382 W	HARRY HOLMES	1623 RIVER OAKS BLVD	HOUSTON, 77019	1408
346	TCEQ	TX196149	4.399 WSW	DANNY CLAES	2801 BAMMEL LN	HOUSTON, 77098	1410
346	HGSD	8831	4.400 WSW	GBL DEVELOPERS LLC	2801 BAMMEL LN	HOUSTON, 77098	1412
347	TCEQ	TX205991	4.402 W	MCDUGAL-STEEL (MCNAIR)	1807 RIVER OAKS BLVD	HOUSTON, 77019	1413
347	SSDRD	TX182613	4.402 W	MCNAIR, ROBERT	1807 RIVER OAKS BLVD	HOUSTON, 77019	1417
347	TCEQ	TX205982	4.402 W	ROBERT MCNAIR	1807 RIVER OAKS BLVD	HOUSTON, 77019	1418
348	TWDB	65-14-914	4.404 E	PORT CITY COMPRESS & WAREHOUSE CO.	8300 BUCHANAN ST	HOUSTON, 77029	1420
349	TCEQ	TX200639	4.408 W	BOBBY EARTHMAN	28 CRESTWOOD DR	HOUSTON, 77007	1422
350	HGSD	1711	4.410 E	EXXON CHEMICAL	8230 STEDMAN ST	HOUSTON, 77029	1424



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COMPANY							
351	TCEQ	TX206017	4.419 W	RIVER OAKS COUNTRY CLUB	1600 RIVER OAKS BLVD	HOUSTON, 77019	1425
352	HGSD	11394	4.429 SW	METHODIST HOSPITAL, THE	6550 FANNIN ST	HOUSTON, 77030	1428
353	TCEQ	TX205993	4.431 W	DR MIKE MANN	1907 RIVER OAKS BLVD	HOUSTON, 77019	1429
354	HGSD	10786	4.436 SSW		2301 OLD SPANISH TRL	HOUSTON, 77030	1432
354	HGSD	2569	4.437 SSW	VA HOSPITAL	2301 OLD SPANISH TRL	HOUSTON, 77030	1433
354	TCEQ	TX199515	4.437 SSW	VETERANS ADMINISTRATION HOSPITAL	2301 OLD SPANISH TRL	HOUSTON, 77030	1434
354	TCEQ	TX206844	4.437 SSW	V.A. MEDICAL CENTER	2301 OLD SPANISH TRL	HOUSTON, 77030	1437
354	HGSD	5530	4.437 SSW		2301 OLD SPANISH TRL	HOUSTON, 77030	1439
355	SSDRD	TX278221	4.450 W	ROD CUTSINGER	2109 RIVER OAKS BLVD	HOUSTON, 77019	1440
356	TWDB	65-13-625	4.455 NW	NATIONAL FORGE CO.	349 W 24TH ST	HOUSTON, 77008	1441
356	TCEQ	TX206822	4.455 NW	NATIONAL FORGE CO	349 W 24TH ST	HOUSTON, 77008	1443
356	HGSD	2198	4.455 NW	NATIONAL FLAME & FORGE, INC.	349 W 24TH ST	HOUSTON, 77008	1445
357	TCEQ	TX205413	4.458 SSE	BLACKWELL PLASTICS	5606 CAVANAUGH ST	HOUSTON, 77021	1446
358	TCEQ	TX206120	4.470 W	DR. BOYCE	1708 RIVER OAKS BLVD	HOUSTON, 77019	1450
359	TWDB	65-21-215	4.476 WSW	CITY OF WEST UNIVERSITY PLACE	2438 BISSONNET ST	HOUSTON, 77005	1453
360	TWDB	65-13-603	4.481 NNW	HOUSTON TEXTILE CO	3910 NORTH FWY	HOUSTON, 77022	1455
361	TCEQ	TX207537	4.486 SE	FORCE, INC.	7026 LAWNSDALE ST	HOUSTON, 77023	1457
362	TWDB	65-14-515	4.488 NE	PETERBUILT TRUCK CO.	5825 KELLEY ST	HOUSTON, 77026	1460
363	TCEQ	TX205347	4.501 NW	CORROSION PROTECTION	2519 RUTLAND ST	HOUSTON, 77008	1462
364	TWDB	65-14-516	4.503 NE	TEXAS OILFIELD EQUIP. CO.	5855 KELLY ST	HOUSTON, 77026	1465
365	TCEQ	TX208037	4.504 NE	MCNAIR TRUCK RENTAL	6701 LOOP 610	HOUSTON, 77026	1467
365	HGSD	5279	4.504 NE	SUNBELT HUNTING BAYOU, LP	6701 LOOP 610	HOUSTON, 77026	1470
366	SSDRD	TX222666	4.505 SW	TMH	0 FANNIN ST	HOUSTON, 77030	1471
367	TCEQ	TX205241	4.510 NE	TEXACO	6929 N LOOP E	HOUSTON, 77028	1472
367	TCEQ	TX206181	4.510 NE	TEXACO, INC.	6929 N LOOP E	HOUSTON, 77028	1474



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367	TWDB	65-14-506	4.510 NE	TEXACO, INC.,	6929 N LOOP E	HOUSTON, 77028	1477
368	TCEQ	TX206594	4.511 SSW	MANVEL ESLRADA	6826 WINTON ST	HOUSTON, 77021	1479
369	TCEQ	TX199586	4.524 W	BILL BAKER CONSTRUCTION	2110 RIVER OAKS BLVD	HOUSTON, 77019	1481
370	HGSD	3239	4.533 W	SAROFIM, FAYEZ	2124 RIVER OAKS BLVD	HOUSTON, 77019	1483
371	TCEQ	TX199436	4.541 NE	WOMBLE CO INC	5875 KELLEY ST	HOUSTON, 77026	1484
371	HGSD	8282	4.541 NE	WOMBLE COMPANY, INC.	5875 KELLEY ST	HOUSTON, 77026	1486
372	TCEQ	TX205320	4.541 NE	SOUTH TEXAS KENWORTH IND	6855 N LOOP E	HOUSTON, 77028	1487
372	HGSD	5259	4.541 NE	CLEVELAND MACK SALES/DBA	6855 N LOOP E	HOUSTON, 77028	1491
373	SSDRD	TX373614	4.544 W	RB RATCLIFF - BARNHART	3335 INWOOD DR	HOUSTON, 77019	1492
374	TCEQ	TX205990	4.563 W	PAUL F BARNHART SR	3358 INWOOD DR	HOUSTON, 77019	1493
374	HGSD	12943	4.563 W	BARNHART, PAUL JR.	3358 INWOOD DR	HOUSTON, 77019	1497
375	TCEQ	TX205988	4.563 W	ALBERT SMITH	3335 DEL MONTE DR	HOUSTON, 77019	1498
376	NWIS	USGS_29441509	4.566 ESE	LJ-65-22-317	0 WHARF ST	HOUSTON, 77012	1501
376	TWDB	65-22-317	4.566 ESE	GULF ATLANTIC WAREHOUSE	0 WHARF ST	HOUSTON, 77012	1502
377	TCEQ	TX208034	4.570 ENE	ENERCON TRUCKING	8000 WALLISVILLE RD	HOUSTON, 77029	1505
378	TCEQ	TX181957	4.571 NNE	MILLER WRECKER SERVICE	7200 EASTEX FWY	HOUSTON, 77093	1508
379	TCEQ	TX205994	4.580 W	CHARLES & JOHN DUNCAN 2	BRIARWOOD CT	HOUSTON, 77019	1510
380	TWDB	65-14-909	4.581 ENE	TEXAS PIPE LINE CO.	7901 WALLISVILLE RD	HOUSTON, 77029	1513
380	TWDB	65-14-908	4.582 ENE	TEXAS PIPE LINE CO.	7901 WALLISVILLE RD	HOUSTON, 77029	1516
380	NWIS	USGS_29472209	4.581 ENE	LJ-65-14-909	7901 WALLISVILLE RD	HOUSTON, 77029	1519
380	HGSD	2568	4.582 ENE	TEXAS PIPE LINE COMPANY	7901 WALLISVILLE RD	HOUSTON, 77029	1520
381	SSDRD	TX40186	4.629 W	MINER-DEDRICK	3390 INWOOD DR	HOUSTON, 77019	1521
382	HGSD	2738	4.637 NE	CORDELL, JAMES	7226 N LOOP E	HOUSTON, 77028	1522
383	HGSD	1784	4.638 W	RIVER OAKS COUNTRY CLUB	1600 RIVER OAKS BLVD	HOUSTON, 77019	1523
383	TWDB	65-13-801	4.638 W	RIVER OAKS COUNTRY CLUB	1600 RIVER OAKS BLVD	HOUSTON, 77019	1524
383	TWDB	65-13-824	4.638 W	RIVER OAKS COUNTRY CLUB	1600 RIVER OAKS BLVD	HOUSTON, 77019	1527



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383	NWIS	USGS_29451809	4.638 W	LJ-65-13-801	1600 RIVER OAKS BLVD	HOUSTON, 77019	1530
383	HGSD	1783	4.638 W	RIVER OAKS COUNTRY CLUB	1600 RIVER OAKS BLVD	HOUSTON, 77019	1531
384	TCEQ	TX205989	4.646 W	DOUGLAS GORDON	6 BRIARWOOD CT	HOUSTON, 77019	1532
385	TCEQ	TX205985	4.652 W	JOHN YOUNG	11 BRIARWOOD CT	HOUSTON, 77019	1535
386	SSDRD	TX184981	4.653 W	MAX WATSON	3389 INWOOD DR	HOUSTON, 77019	1537
386	TCEQ	TX199503	4.653 W	R.D.W.	3389 INWOOD DR	HOUSTON, 77019	1538
387	WUD	2726160325	4.659 SSW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1540
388	WUD	19047416	4.660 SSW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1541
388	TWDB	65-21-606	4.661 SSW	CITY OF HOUSTON SOUTHLAND	7000 GRAND BLVD	HOUSTON, 77054	1542
389	HGSD	1060	4.669 NW	HOUSTON, CITY OF	437 W 26TH ST	HOUSTON, 77008	1544
389	TWDB	65-13-626	4.669 NW	CITY OF HOUSTON, HEIGHTS, WELL #6A	437 W 26TH ST	HOUSTON, 77008	1545
389	TWDB	65-13-605	4.669 NW	CITY OF HOUSTON HEIGHTS #6	437 W 26TH ST	HOUSTON, 77008	1550
389	WUD	820301292	4.668 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1554
389	WUD	3168561309	4.668 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1555
389	NWIS	USGS_29483609	4.670 NW	LJ-65-13-605	437 W 26TH ST	HOUSTON, 77008	1556
389	NWIS	USGS_29483609	4.669 NW	LJ-65-13-626	437 W 26TH ST	HOUSTON, 77008	1557
389	HGSD	3706	4.669 NW	HOUSTON, CITY OF	437 W 26TH ST	HOUSTON, 77008	1558
390	TWDB	65-13-612	4.669 NW	ORIENTAL TEXTILE MILLS	2300 N SHEPHERD DR	HOUSTON, 77008	1559
391	WUD	1880799342	4.678 NNW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1561
391	TWDB	65-14-424	4.678 NNW	CITY OF HOUSTON OAKWOOD	7220 BAUMAN RD	HOUSTON, 77022	1562
392	TWDB	65-14-402	4.683 NNE	CITY OF HOUSTON	0 EASTEX FWY	HOUSTON, 77093	1564
392	WUD	2081548187	4.683 NNE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1568
392	NWIS	USGS_29493209	4.683 NNE	LJ-65-14-402	0 EASTEX FWY	HOUSTON, 77093	1569
392	HGSD	1088	4.683 NNE	HOUSTON, CITY OF	0 EASTEX FWY	HOUSTON, 77093	1570
393	HGSD	2410	4.684 WSW	WEST UNIVERSITY PLACE, CITY OF	2801 MILLS ST	HOUSTON, 77005	1571
393	TWDB	65-21-233	4.684 WSW	CITY OF WEST UNIVER- SITY PLACEWELL #9	2801 MILLS ST	HOUSTON, 77005	1572
393	TWDB	65-21-203	4.684 WSW	CITY OF WEST UNIVERSITY PLACE	2801 MILLS ST	HOUSTON, 77005	1579
393	WUD	2021742120	4.684 WSW	CITY OF WEST UNIVERSITY PLACE	3800 UNIVERSITY BLVD	HOUSTON, 77005	1581

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393	NWIS	USGS_29434109	4.684 WSW	LJ-65-21-233	2801 MILLS ST	HOUSTON, 77005	1582
393	HGSD	3986	4.684 WSW	WEST UNIVERSITY PLACE, CITY OF	2801 MILLS ST	HOUSTON, 77005	1583
394	TCEQ	TX205983	4.692 WSW	ST. JOHN'S SCHOOL	3378 WESTHEIMER RD	HOUSTON, 77019	1584
395	HGSD	5717	4.695 WSW	ST. JOHNS SCHOOL	2737 BUFFALO SPEEDWAY	HOUSTON, 77098	1586
396	HGSD	7707	4.700 SW	THERMAL ENERGY CORPORATION	1601 BRAESWOOD BLVD	HOUSTON, 77030	1587
396	HGSD	10137	4.700 SW	THERMAL ENERGY CORPORATION	1601 BRAESWOOD BLVD	HOUSTON, 77030	1588
396	HGSD	11023	4.700 SW	THERMAL ENERGY CORPORATION	1601 BRAESWOOD BLVD	HOUSTON, 77030	1589
396	TWDB	65-21-625	4.700 SW	THERMAL ENERGY CORP	1601 BRAESWOOD BLVD	HOUSTON, 77030	1590
396	TCEQ	TX203789	4.700 SW	THERMAL ENERGY COOP	1601 BRAESWOOD BLVD	HOUSTON, 77030	1597
396	NWIS	USGS_29421409	4.700 SW	LJ-65-21-625	1601 BRAESWOOD BLVD	HOUSTON, 77030	1599
396	SSDRD	TX202419	4.700 SW	THERMAL ENERGY CORP,INC.(TECO)	1601 BRAESWOOD BLVD	HOUSTON, 77030	1600
396	HGSD	4027	4.700 SW	THERMAL ENERGY CORPORATION	1601 BRAESWOOD BLVD	HOUSTON, 77030	1601
397	TCEQ	TX199516	4.703 SSW	LINBECK CONSTRUCTION	7030 ARDMORE ST	HOUSTON, 77054	1602
398	TCEQ	TX206127	4.714 W	MEG GOODMAN	3458 INWOOD DR	HOUSTON, 77019	1604
399	TCEQ	TX205987	4.724 WSW	PHOTOCOLOR OF HOUSTON	3302 AUDLEY ST	HOUSTON, 77098	1606
400	WUD	2982631298	4.726 ESE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1609
401	SSDRD	TX25762	4.728 NE	PICERNE DEVELOPMENT CORP	6767 BENNINGTON RD	HOUSTON, 77028	1610
401	HGSD	9557	4.729 NE		6767 BENNINGTON RD	HOUSTON, 77028	1611
402	TCEQ	TX206187	4.731 NW	ROSSA FOSTER	203 W 32ND ST	HOUSTON, 77018	1612
403	TCEQ	TX205998	4.737 W	ARCTIC AIR WARD HAGGARD	3413 PIPING ROCK LN	HOUSTON, 77027	1614
404	TCEQ	TX205384	4.740 N	W.H. BROWN	728 E CROSSTIMBERS ST	HOUSTON, 77022	1616
404	TWDB	65-14-437	4.740 N	W. R. BROWN	728 E CROSSTIMBERS ST	HOUSTON, 77022	1618
405	HGSD	14362	4.757 WSW	DOMINANT DEVELOPMENT	2500 DUNSTAN RD	HOUSTON, 77005	1620
405	HGSD	14361	4.757 WSW	DOMINANT DEVELOPMENT, LLC	2500 DUNSTAN RD	HOUSTON, 77005	1621
406	SSDRD	TX385302	4.791 W	BILL PRITCHARD	3401 SLEEPY HOLLOW CT	HOUSTON, 77019	1622
406	HGSD	13100	4.791 W	PRITCHARD, BILL	3401 SLEEPY HOLLOW CT	HOUSTON, 77019	1623



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REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
407	SSDRD	TX373616	4.792 W	CAIN, WALKER	3439 DEL MONTE DR	HOUSTON, 77019	1624
407	HGSD	12954	4.792 W	CAIN, WALKER	3439 DEL MONTE DR	HOUSTON, 77019	1625
408	TWDB	65-22-404	4.795 SSW	CITY OF HOUSTON SOUTHLAWN	0 ALICE ST	HOUSTON, 77021	1626
408	NWIS	USGS_29412709	4.795 SSW	LJ-65-22-404	0 ALICE ST	HOUSTON, 77021	1632
408	HGSD	1114	4.795 SSW	HOUSTON, CITY OF	0 ALICE ST	HOUSTON, 77021	1633
409	TWDB	65-22-408	4.803 S	CITY OF HOUSTON FOSTER PLACE #3	6751 SIDNEY ST	HOUSTON, 77021	1634
409	WUD	421286525	4.803 S	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1636
409	WUD	494148942	4.803 S	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1637
409	WUD	2011101380	4.803 S	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1638
409	TWDB	65-22-409	4.803 S	CITY OF HOUSTON FOSTER PLACE #4	6751 SIDNEY ST	HOUSTON, 77021	1639
410	WUD	3721203313	4.822 SSW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1641
411	TCEQ	TX205336	4.825 NE	AL TUCKER, TRAILERS	7401 N LOOP E	HOUSTON, 77028	1642
411	HGSD	11426	4.825 NE	AL TUCKER TRAILERS, INC.	7401 N LOOP E	HOUSTON, 77028	1645
412	TCEQ	TX206842	4.844 SW	THERMAL ENERGY CORP	1020 HOLCOMBE BLVD	HOUSTON, 77030	1646
413	SSDRD	TX204282	4.847 SSW	V.A. MEDICAL CENTER HOSPITAL	2301 OLD SPANISH TRL	HOUSTON, 77030	1648
414	HGSD	2701	4.862 WNW	SUPERIOR CONCRETE ACCESSORIES	3025 MAXROY ST	HOUSTON, 77008	1649
415	TWDB	65-22-338	4.868 ESE	MANGONE SHIP CO.	819 S 80TH ST	HOUSTON, 77012	1650
415	HGSD	3113	4.872 ESE	PACIFIC EASTERN BARGE TERMINAL	819 S 80TH ST	HOUSTON, 77012	1654
416	SSDRD	TX141269	4.870 W	BOB LANIER	3665 WILLOWICK RD	HOUSTON, 77019	1655
416	SSDRD	TX147326	4.870 W	ROBERT LANIER	3665 WILLOWICK RD	HOUSTON, 77019	1656
417	TCEQ	TX205797	4.871 W	UNLIMITED GREENERY	3610 WILLOWICK RD	HOUSTON, 77019	1657
418	TWDB	65-21-626	4.877 SSW	LABBCO, INC.	2903 DUPREE ST	HOUSTON, 77054	1659
418	TCEQ	TX203787	4.877 SSW	LABBCO	2903 DUPREE ST	HOUSTON, 77054	1661
418	TCEQ	TX203788	4.877 SSW	LABBCO	2903 DUPREE ST	HOUSTON, 77054	1663
418	TCEQ	TX170497	4.877 SSW	LABBCO INC	2903 DUPREE ST	HOUSTON, 77054	1665
418	NWIS	USGS_29414009	4.876 SSW	LJ-65-21-626	2903 DUPREE ST	HOUSTON, 77054	1668
418	HGSD	1987	4.877 SSW	LABBCO, INC.	2903 DUPREE ST	HOUSTON, 77054	1669
419	SSDRD	TX413949	4.878 W	RAYMOND, JOHN	3640 WILLOWICK RD	HOUSTON, 77019	1670
419	HGSD	13287	4.878 W	RAYMOND, JOHN & LEIGH	3640 WILLOWICK RD	HOUSTON, 77019	1671



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REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
				ANNE			
420	HGSD	5549	4.887 SSW	ENERGY TRANSFER DATA CENTER	7210 ARDMORE ST	HOUSTON, 77054	1672
421	HGSD	1866	4.890 SSW	GRAY TOOL COMPANY	7135 ARDMORE ST	HOUSTON, 77054	1673
421	TWDB	65-21-621	4.890 SSW	GRAY TOOL CO.	7135 ARDMORE ST	HOUSTON, 77054	1674
421	TCEQ	TX181636	4.891 SSW	GRAY TOOL CO	7135 ARDMORE ST	HOUSTON, 77054	1676
421	HGSD	1865	4.891 SSW	GRAY TOOL COMPANY	7135 ARDMORE ST	HOUSTON, 77054	1678
422	HGSD	2108	4.892 SSE	PETROLITE CORPORATION	5957 S LOOP E	HOUSTON, 77033	1679
423	SSDRD	TX51217	4.906 SSW	PICERNE DEVELOPMENT	3360 ALICE ST	HOUSTON, 77021	1680
423	HGSD	9925	4.906 SSW	PARKSIDE POINT, GOOD HARBOR MANAGEMENT	3360 ALICE ST	HOUSTON, 77021	1681
424	HGSD	6006	4.929 N	LAM, ANDY	7902 SCHULLER RD	HOUSTON, 77093	1682
425	TCEQ	TX206125	4.943 W	WINDHAM BUILDERS	3606 KNOLLWOOD ST	HOUSTON, 77019	1683
426	HGSD	2013	4.946 ESE	DICKSON INDUSTRIAL DISTRICT	8402 CLINTON DR	HOUSTON, 77029	1685
427	TCEQ	TX199440	4.950 N	NGUYEN, NGHINH	7900 JENSEN DR	HOUSTON, 77093	1686
428	TCEQ	TX199086	4.955 WNW	AUTOMATION PRODUCTS, INC.	3102 MAXROY ST	HOUSTON, 77008	1688
429	TCEQ	TX206841	4.955 SW	HOUSTON HEALTH SCIENCE	7000 FANNIN ST	HOUSTON, 77030	1690
430	TCEQ	TX206121	4.956 W	R.B. RATCLIFF & ASSOCIATES	3688 WILLOWICK RD	HOUSTON, 77019	1692
431	HGSD	4734	4.963 WSW		3200 SOUTHWEST FWY	HOUSTON, 77027	1694
432	TCEQ	TX205999	4.963 W	ARTIC AIR MORRISON	3638 MEADOW LAKE LN	HOUSTON, 77027	1695
433	HGSD	1988	4.992 SSW	KIK (HOUSTON), INC.	2921 CORDER ST	HOUSTON, 77054	1698
433	HGSD	4125	4.992 SSW	KIK (HOUSTON), INC.	2921 CORDER ST	HOUSTON, 77054	1699

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 1

Distance from Property: 0.23 mi. SW

STATE ID: **65-14-750**

OWNER'S NAME: **BURKHART LAUNDRY**

DATE DRILLED: **00/00/1931**

DEPTH DRILLED: **1402'**

WATER USAGE: **PLUGGED OR DESTROYED**

LONGITUDE: **-95.356029000**

LATITUDE: **29.757749000**

SOURCE: **TWDB**

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514750/6514750.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-750

**Texas Water Development Board
Well Schedule**

State Well Number 6514750 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294526 Longitude 952120 Source of Coords 3

Owner's Well No. _____ Location _____
Owner: Burkhart Laundry Driller: McMasters and Pomeroy

Address _____ Tenant/Oper. _____

Date Drilled / /1931 Depth 1402 Source of Depth Altitude 50 Source of Alt. _____
Well Type W User _____

WELL CONSTRUCTION Const-Method Completion Casing Material Blank Screen Material Blank
Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - TURBINE PUMP No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - 20
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - INDUSTRIAL Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - N Quality - Y Logs - Other Data -

WATER LEVELS

Recorded By _____ Date Record Collected or Updated - / /
Reporting Agency _____

REMARKS -
Screen from 1358 to 1402 ft.
Reported yield 200 gpm in 1941.

Aquifer - 121EVGL ID - 15
EVANGELINE
AQUIFER

Wednesday, February 14, 2007

Well Number - 6514750

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 2

Distance from Property: 0.31 mi. N

WELL ID: 1181
OWNERS NAME: HOUSTON LIGHTING & POWER COMPANY
YEAR DRILLED: 1949
DEPTH DRILLED: 1500'
STATIC LEVEL: 900'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.352883000
LATITUDE: 29.764811000
SOURCE: HGSD



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 2 Distance from Property: 0.31 mi. N

STATE ID: **65-14-704**
OWNER'S NAME: **HOUSTON LIGHTING AND POWER CO**
DATE DRILLED: **00/00/1949**
DEPTH DRILLED: **1550'**
WATER USAGE: **INDUSTRIAL**
LONGITUDE: **-95.352881000**
LATITUDE: **29.764810000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514704/6514704.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-704

Texas Water Development Board Well Schedule

State Well Number 6514704 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294554 Longitude 952111 Source of Coords 2

Owner's Well No. _____ Location _____
Owner Houston Lighting and Power Co Driller Layne Texas

Address _____ Tenant/Oper. _____

Date Drilled / /1949 Depth 1550 Source of Depth Altitude 35 Source of Alt. Well Type W User 398000

WELL CONSTRUCTION Const-Method Casing Material Blank Screen Material Blank Completion Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - TURBINE PUMP No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - 75
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - INDUSTRIAL Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - M Quality - Y Logs - Other Data -

WATER LEVELS 3 measurements
1949 to 1952
MIN -240 MAX -198

Recorded By _____ Date Record Collected or Updated - / /
Reporting Agency

REMARKS -
295 ft of screen between 925 and 1545 ft. Reported yield 2000 gpm with 60 ft drawdown when drilled. Test hole drilled to 1921 ft. Well 3.

Aquifer - 121EVGL ID - 15
EVANGELINE
AQUIFER

Wednesday, July 05, 2006

Well Number - 6514704



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 2 Distance from Property: 0.31 mi. N

STATE ID: **65-14-714**
OWNER'S NAME: **HOUSTON LIGHTING AND POWER CO**
DATE DRILLED: **00/00/1939**
DEPTH DRILLED: **887'**
WATER USAGE: **INDUSTRIAL**
LONGITUDE: **-95.352880000**
LATITUDE: **29.764810000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514714/6514714.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-714

Texas Water Development Board Well Schedule

State Well Number 6514714 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294553 Longitude 952110 Source of Coords 2

Owner's Well No. Location

Owner
Houston Lighting
and Power Co

Driller
Layne Texas

Address Tenant/Oper.

Date Drilled / /1939 Depth 887 Source of Depth Altitude 37 Source of Alt.
Well Type W User 398000

WELL CONSTRUCTION Const-Method Casing Material Blank
Screen Material Blank Casing or Blank Pipe (C)
Completion Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from to

LIFT DATA - Pump Mfr. - Type - TURBINE PUMP No. Stages
Bowls Diam - in. Setting - ft. Column Diam. - in.
Motor Mfr. - Fuel or Power - ELECTRIC MOTOR Horsepower - 75
YIELD Flow- GPM Pump GPM Meas.,Rept.,Est.- Date-

WATER USE Primary - INDUSTRIAL Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - M Quality - Y Logs - Other Data -

WATER LEVELS 1 measurement
1939
-95

Recorded By Date Record Collected or Updated - / /

Reporting Agency

REMARKS -
91 ft of screen between 747 and 873
ft. Reported yield 751 gpm with 63
ft drawdown when drilled.
Gable St.

Aquifer - 121EVGL ID - 15
EVANGELINE
AQUIFER

Wednesday, July 05, 2006

Well Number - 6514714



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 2 Distance from Property: 0.31 mi. N

STATE ID: **65-14-737**
OWNER'S NAME: **HOUSTON LIGHTING AND POWER CO.**
DATE DRILLED: **00/00/1922**
DEPTH DRILLED: **873'**
WATER USAGE: **PLUGGED OR DESTROYED**
LONGITUDE: **-95.352882000**
LATITUDE: **29.764810000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514737/6514737.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-737

Texas Water Development Board Well Schedule

State Well Number 6514737 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294547 Longitude 952110 Source of Coords 3

Owner's Well No. _____ Location _____

Owner Houston Lighting and Power co. Driller Taylor and Roberts

Address _____ Tenant/Oper. _____

Date Drilled / /1922 Depth 873 Source of Depth Altitude 45 Source of Alt.
Well Type W User

WELL CONSTRUCTION Const-Method Completion Casing Material Blank Screen Material Blank
Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - NONE No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - blank Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - UNUSED Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - M Quality - Y Logs - Other Data -

WATER LEVELS 2 measurements 1931 to 1940
MIN -119 MAX -73

Recorded By _____ Date Record Collected or Updated - / /
Reporting Agency _____

REMARKS -
110 ft of screen between 741 and 873 ft. Well destroyed, Well 1.

Aquifer - 121EVGL ID - 15
EVANGELINE
AQUIFER

Wednesday, July 05, 2006

Well Number - 6514737



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 2

Distance from Property: 0.31 mi. N

WELL ID: 1180
OWNERS NAME: HOUSTON LIGHTING & POWER COMPANY
YEAR DRILLED: 1939
DEPTH DRILLED: 887'
STATIC LEVEL: 760'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.352882000
LATITUDE: 29.764812000
SOURCE: HGSD



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SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 3

Distance from Property: 0.34 mi. NW

TRACK #: 273565

DATE ENTERED: 2011-12-08

OWNER NAME: HARRIS COUNTY

OWNER ADDRESS: 1001 PRESTON, 7TH FLOOR
HOUSTON, TX 77002

COUNTY: HARRIS

LATITUDE: 29.764167000 LONGITUDE: -95.357223000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=273565&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2011-10-17

DRILLING DATE (COMPLETED): 2011-12-07

DEPTH DRILLED: 44'

WATER LEVEL:

STATIC LEVEL: 185'

WATER LEVEL DATE: 2011-12-07

TYPE OF WATER: FRESH

TYPE OF WORK:

NEW WELL

PROPOSED USE:

INDUSTRIAL

COMPANY INFORMATION:

COMPANY NAME: WEISINGER INCORPORATED

COMPANY ADDRESS: 2200 EAST DAVIS
CONROE, TX 77301

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 3

Distance from Property: 0.34 mi. NW

WELL ID: **11658**
OWNERS NAME:
YEAR DRILLED: **Not Reported**
DEPTH DRILLED: **680'**
STATIC LEVEL: **450'**
WATER USAGE: **OTHER**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.356424000**
LATITUDE: **29.764411000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 4 Distance from Property: 0.40 mi. SE

STATE ID: **65-14-753**
OWNER'S NAME: **GOULD WET WASH LAUNDRY**
DATE DRILLED: **00/00/1924**
DEPTH DRILLED: **1391'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.349646000**
LATITUDE: **29.755048000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514753/6514753.pdf>

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 5

Distance from Property: 0.41 mi. NNE

WELL ID: **1807**
OWNERS NAME: **BUILDERS SUPPLY CO. OF HOUSTON**
YEAR DRILLED: **1982**
DEPTH DRILLED: **NOT REPORTED**
STATIC LEVEL: **NOT REPORTED**
WATER USAGE: **INDUSTRIAL**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.351342000**
LATITUDE: **29.766027000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 5 Distance from Property: 0.41 mi. NNE

STATE ID: **65-14-767**
OWNER'S NAME: **BUILDERS SUPPLY**
DATE DRILLED: **00/00/1981**
DEPTH DRILLED: **520'**
WATER USAGE: **INDUSTRIAL**
LONGITUDE: **-95.351340000**
LATITUDE: **29.766026000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514767/6514767.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-767

Texas Water Development Board Well Schedule

State Well Number 6514767 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294557 Longitude 952101 Source of Coords 2

Owner's Well No. _____ Location _____
Owner Builders Supply Driller Raymond Water Wells

Address _____ Tenant/Oper. _____

Date Drilled / /1981 Depth 520 Source of Depth D Altitude 25 Source of Alt. M
Well Type W User

WELL CONSTRUCTION Const-Method Casing Material Screen Material Casing or Blank Pipe (C)
Completion Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - _____ No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - _____ Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - INDUSTRIAL Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - D Other Data -

WATER LEVELS 1 measurement
1981
-260

Recorded By _____ Date Record Collected or Updated - 12/ /1988

Reporting Agency 02

REMARKS -
Reported yield 200 gpm with 40 ft drawdown.

Aquifer - 112CHCT ID - 15
CHICOT
AQUIFER

Tuesday, August 30, 2005

Well Number - 6514767



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 5

Distance from Property: 0.41 mi. NNE

ID NUMBER: TX199447
STATE ID : 65-14-7F
OWNER NAME: BUILDERS SUPPLY
DATE DRILLED: 02/20/1981
DEPTH DRILLED: 455'
STATIC LEVEL: 260'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.351342000
LATITUDE: 29.766026000
1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 199447

13 Sept 81 Dup

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711		State of Texas WATER WELL REPORT		For TDWR use only Well No. <u>65-14-7E</u> Located on map <u>Y-41</u> Received: _____	
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side					
1) OWNER <u>Builders Supply</u>		Address <u>610 McKee St.</u>		City <u>Houston, Texas</u>	
2) LOCATION OF WELL: County <u>Harris</u>		miles in _____ direction from _____		(Town)	
Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.					
<input type="checkbox"/> Legal description: Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____ Distance and direction from two intersecting section or survey lines _____ <input type="checkbox"/> See attached map. <u>AMP ON # 65-05-67</u>					
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Domestic <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Public Supply <input type="checkbox"/> Irrigation <input type="checkbox"/> Test Well <input type="checkbox"/> Other _____		5) DRILLING METHOD (Check): <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Air Hammer <input type="checkbox"/> Driven <input type="checkbox"/> Bored <input type="checkbox"/> Air Rotary <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____	
6) WELL LOG: Date drilled <u>2-20-81</u>		DIAMETER OF HOLE Dia. (in.) From (ft.) To (ft.) <u>5 3/4</u> Surface <u>520'</u> <u>9 3/4</u> " <u>455'</u>		7) BOREHOLE COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input type="checkbox"/> Other <u>Two-String</u> If Gravel Packed give interval . . . from _____ ft. to _____ ft.	
From (ft.) To (ft.)		Description and color of formation material		8) CASING, BLANK PIPE, AND WELL SCREEN DATA:	
				Dia. (in.) New or Used Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgt., if commercial Setting (ft.) Casing Screen	
0 10		Fill Dirt			
10 15		Red Gray			
15 20		Sand		5" N Steel Casing +18" 455'	
20 45		Red Gray		4" N Steel Blank Liner 520 510	
45 52		Sand		4" N Howard Smith Stainless	
52 100		Red Gray		Rod Base Screen 510 482 12ga.	
100 160		Red Gray		4" N Steel Blank Liner 482 480	
160 170		Sand 10 Ft.		4" N Howard Smith Rod Base	
170 180		Red Gray		Screen 480 460 8 ga.	
180 230		Sand 50 ft.		4" N Steel Blank Liner 460 439	
230 260		Red Gray			
260 280		Sand 20 Ft.			
280 288		Red Gray			
288 317		Sand 16 ga. 29ft.			
317 321		Red Gray			
321 340		Sand 19'			
340 380		Red Gray			
380 420		Red Gray			
420 440		Red Gray			
440 446		Sand 6 ft.			
446 455		Red Gray			
455 476		Sand 20 ft.		10) PACKERS: Type Depth "Lead Seal" 439	
476 478		Clay			
478 506		Sand 28 ft.			
506 510		Rock Sand			
510 520		Clay			
CEMENTING DATA					
Cemented from <u>455'</u> ft. to <u>Surface</u> ft.					
Method used <u>Pressure Cemented</u>					
Cemented by <u>Raymond Water Wells</u> (Company or Individual)					
9) WATER LEVEL: Static level <u>260</u> ft. below land surface Date <u>2-20-81</u> Artesian flow _____ gpm. Date _____					
11) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowls, cylinder, jet, etc., <u>378'</u> ft.					
12) WELL TESTS: <input type="checkbox"/> Type Test <input type="checkbox"/> Pump <input type="checkbox"/> Bailor <input type="checkbox"/> Jetted <input checked="" type="checkbox"/> Estimated Yield: <u>200</u> gpm with <u>40</u> ft. drawdown after <u>24</u> hrs.					
13) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.					
NAME <u>C.A. Raymond, Jr.</u>		Water Well Drillers Registration No. <u>774</u>			
ADDRESS <u>10011 Airline Drive</u>		Houston, Texas <u>77037</u>			
(Signed) <u>C.A. Raymond Jr.</u>		Raymond Water Wells			
		(Company Name)			
Please attach electric log, chemical analysis, and other pertinent information, if available.					

TDWR 0392 (Rev. 1-12-79)

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 5 Distance from Property: 0.41 mi. NNE

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294556095210001**

STATION NAME: **LJ-65-14-767**

SITE TYPE: **GW**

LATITUDE: **29.766026000** LONGITUDE: **-95.351340000**

DATE DRILLED: **02/20/1981**

WELL DEPTH: **520 feet**

HOLE DEPTH: **520 feet**

LOCAL AQUIFER: **CHICOT AQUIFER**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 5

Distance from Property: 0.41 mi. NNE

WELL ID: **3625**
OWNERS NAME: **BUILDERS SUPPLY CO. OF HOUSTON**
YEAR DRILLED: **1981**
DEPTH DRILLED: **NOT REPORTED**
STATIC LEVEL: **NOT REPORTED**
WATER USAGE: **INDUSTRIAL**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.351340000**
LATITUDE: **29.766028000**
SOURCE: **HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 6

Distance from Property: 0.41 mi. SE

STATE ID: **65-14-730**
OWNER'S NAME: **MISSOURI PACIFIC LINES**
DATE DRILLED: **00/00/1907**
DEPTH DRILLED: **1390'**
WATER USAGE: **PLUGGED OR DESTROYED**
LONGITUDE: **-95.348253000**
LATITUDE: **29.755659000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514730/6514730.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-730

Texas Water Development Board Well Schedule

State Well Number 6514730 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294519 Longitude 952051 Source of Coords 3

Owner's Well No. _____ Location _____

Owner Missouri Pacific Lines
Driller Layne Bowler co

Address _____ Tenant/Oper. _____

Date Drilled / /1907 Depth 1390 Source of Depth Altitude 46 Source of Alt.
Well Type W User

WELL CONSTRUCTION Const-Method Completion Casing Material Blank Screen Material Blank
Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - NONE No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - blank Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - UNUSED Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - N Quality - Y Logs - Other Data -

WATER LEVELS

Recorded By _____ Date Record Collected or Updated - / /
Reporting Agency

REMARKS -
100 ft of screen between 1270 and 1390 ft. Well destroyed

Aquifer - 121EVGL ID - 15
EVANGELINE
AQUIFER

Thursday, December 29, 2005

Well Number - 6514730



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 7

Distance from Property: 0.44 mi. SW

ID NUMBER: TX168421
STATE ID : 65-14-7E
OWNER NAME: JACK PHILPOT
DATE DRILLED: 02/20/1981
DEPTH DRILLED: 384'
STATIC LEVEL: 181'
WATER USAGE: DOMESTIC
LONGITUDE: -95.358165000
LATITUDE: 29.755420000

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 168421

Dup
WL # 80

Send original copy by certified mail to the Texas Department of Water Resources, P. O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TDWR use only:
Well No. 65-14-7E
Located on map YES
Received: KLW

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER: JACK Philpot (Name) (Kerville Bus Terminal) Address 2427 Bartlett Hou. TX 77098
(Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: Rusk County Harris 0 miles in Central direction from Houston
(N.E., S.W., etc.) (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map. Map on 65-22-8P

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Public Supply Irrigation Test Well Other _____

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored Air Rotary Cable Tool Jetted Other _____

6) WELL LOG:
Date drilled 2/20/81

DIAMETER OF HOLE		Description and color of formation material	7) BOREHOLE COMPLETION:	
Dia. (in.)	To (ft.)		<input type="checkbox"/> Open Hole	<input checked="" type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed
<u>6-3/4</u>	<u>Surface</u>	<u>Clay</u>	<input type="checkbox"/> Gravel Packed	<input type="checkbox"/> Other _____
		<u>sand</u>	If Gravel Packed give interval . . . from _____ ft. to _____ ft.	
		<u>Sandy Clay</u>		
		<u>Sand</u>		
		<u>Clay</u>		
		<u>Sand</u>		
		<u>Clay</u>		
		<u>Sand</u>		
		<u>Clay</u>		
		<u>Sand</u>		
		<u>fine Silty Sand</u>		
		<u>Sand</u>		
		<u>Clay (beard)</u>		
		<u>Sand</u>		

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgt., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
<u>4</u>	<u>N</u>	<u>Galvanized Steel</u>	<u>0</u>	<u>358</u>	
<u>2</u>	<u>N</u>	<u>PLASTIC</u>	<u>364</u>	<u>374</u>	<u>.014</u>
<u>2</u>	<u>N</u>	<u>PLASTIC</u>	<u>374</u>	<u>384</u>	<u>.016</u>

CEMENTING DATA
Cemented from 308 ft. to 358 ft.
Method used Hali burton
Cemented by Bussell & Son, INC.
(Company or Individual)

9) WATER LEVEL:
Static level 181 ft. below land surface Date 2/23/81
Artesian flow _____ gpm. Date _____

10) PACKERS: Type _____ Depth _____

11) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc., 252 ft.

12) WELL TESTS:
 Type Test: Pump Bailer Jetted Estimated
Yield: 55 gpm with 31 ft. drawdown after 2 hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If "Yes", submit "REPORT OF UNDESIRABLE WATER" (Type of water? _____ Depth of strata _____)
Chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Craig O. Bussell (Type or Print) Water Well Drillers Registration No. #2035
ADDRESS 9739 N. Hou. Rosslyn Hou. TX 771088
(Street or RFD) (City) (State) (Zip)
(Signed) Craig Bussell Bussell & Son, INC.
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79) DEPARTMENT OF WATER RESOURCES COPY

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 8

Distance from Property: 0.45 mi. W

STATE ID: **65-14-751**

OWNER'S NAME: **T.J. BETTIS BUILDING**

DATE DRILLED: **00/00/1923**

DEPTH DRILLED: **363'**

WATER USAGE: **UNUSED**

LONGITUDE: **-95.360668000**

LATITUDE: **29.761460000**

SOURCE: **TWDB**

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514751/6514751.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-751

Texas Water Development Board Well Schedule

State Well Number 6514751 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294542 Longitude 952137 Source of Coords 3

Owner's Well No. _____ Location _____
Owner T.J. Bettis Building Driller Layne Bowler

Address _____ Tenant/Oper. _____

Date Drilled / /1923 Depth 363 Source of Depth Altitude 40 Source of Alt. Well Type W User

WELL CONSTRUCTION Const-Method Completion Casing Material Blank Screen Material Blank Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - NONE No. Stages _____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - blank Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - UNUSED Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - M Quality - Y Logs - Other Data -

WATER LEVELS 1 measurement
1923
-40

Recorded By _____ Date Record Collected or Updated - / /
Reporting Agency

REMARKS -
83 ft of screen between 206 and 363 ft. Reported yield 100 gpm in 1941.

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER,LOWER

Wednesday, February 14, 2007

Well Number - 6514751

WATER UTILITY DATABASE (WUD)

MAP ID# 9

Distance from Property: 0.46 mi. WNW

PWSID: 1010013
SOURCE ID: G1010013GR
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1925
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.359725950
LATITUDE: 29.763334270

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 9

Distance from Property: 0.49 mi. WNW

STATE ID: 65-14-747
OWNER'S NAME: CITY OF HOUSTON CENTRAL
DATE DRILLED: 00/00/1925
DEPTH DRILLED: 1535'
WATER USAGE: PLUGGED OR DESTROYED
LONGITUDE: -95.360350000
LATITUDE: 29.763790000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514747/6514747.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
 State ID: 65-14-747

TEXAS WATER DEVELOPMENT BOARD
 WELL SCHEDULE

State Well Number - 65 14 747 Previous Well Number - County - Harris 201
 River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 45 48 Longitude - 95 21 35 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4. _____ 1/4. Section _____, Block _____, Survey _____

Owner - City of Houston Driller - Layne Texas
 Central

Address _____ Tenant/Oper. _____

Date Drilled - / /1925 Depth - 1,535 ft. Source of Depth - Altitude - 35 ft. Source of Alt. -
 Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - 396200

WELL Const. Casing
 CONSTRUCTION Method - _____ Material - _____ | Casing or Blank Pipe (C)
 Screen | Well Screen or Slotted Zone (
 Completion - _____ Material - _____ | Open Hole (O)
 Cemented from _____ to _____

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages _____ |
 Diam. Setting(feet)
 (in.) From To

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM

Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- Y Logs- Other Data-

WATER LEVELS Date- 07/10/1925 Measurement- -48.00
 Date- 03/09/1948 Measurement- -188.80

Recorded By _____ Date Record Collected or Updated- / /

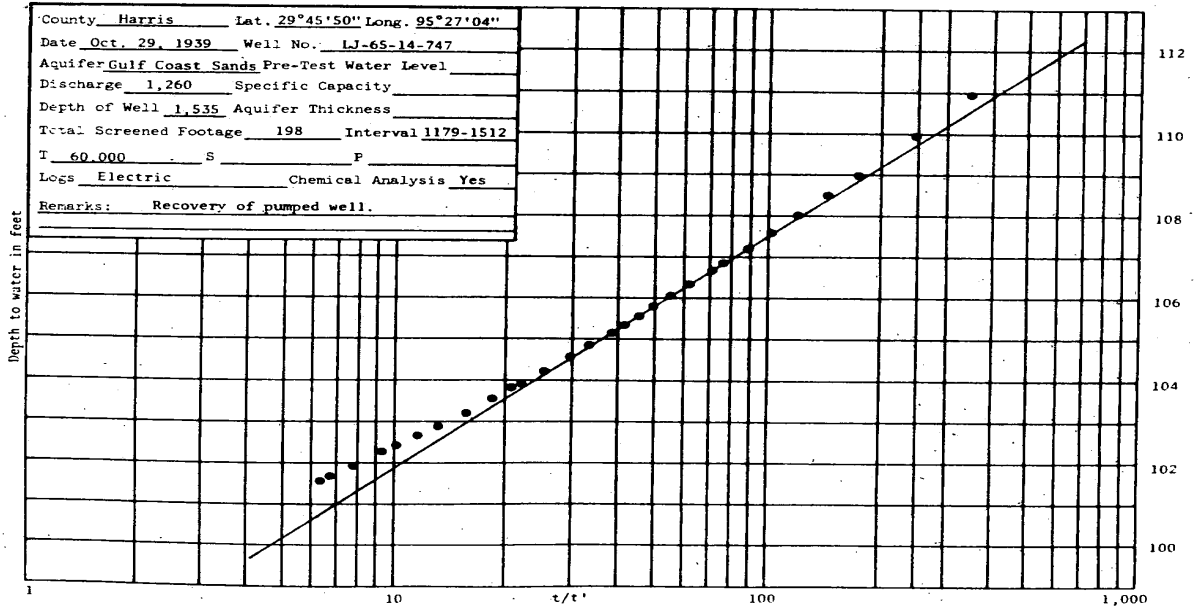
Reporting Agency - _____

REMARKS -
 198 ft of screen between 1179 and
 1512 ft. Yield 1110 gpm Jan.1942.
 Well destroyed.

Aquifer - 121EVGL
 Well No. - 65 14 747

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 2
 State ID: 65-14-747



- 234 -

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 10 Distance from Property: 0.48 mi. E

STATE ID: **65-14-754**
OWNER'S NAME: **ZERO ICE CO.**
DATE DRILLED: **00/00/1923**
DEPTH DRILLED: **881'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.344820000**
LATITUDE: **29.760840000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514754/6514754.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-754

Texas Water Development Board Well Schedule

State Well Number 6514754 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294539 Longitude 952042 Source of Coords 2

Owner's Well No. Location
Owner Zero Ice Co. Driller Layne Bowler Co.

Address Tenant/Oper.

Date Drilled / /1923 Depth 881 Source of Depth Altitude 30 Source of Alt.
Well Type W User

WELL CONSTRUCTION Const-Method Casing Material Screen Material Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from ___ to ___
Completion

LIFT DATA - Pump Mfr. - Type - NONE No. Stages
Bowls Diam - in. Setting - ft. Column Diam. - in.
Motor Mfr. - Fuel or Power - Horsepower -
YIELD Flow- GPM Pump GPM Meas., Rept., Est.- Date-

WATER USE Primary - UNUSED Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - Other Data -

WATER LEVELS 1 measurement
1938
-56

Recorded By Date Record Collected or Updated - 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: 180 ft. of screen between 150 and 694 ft.
Yield: 375 gpm with 50 ft. drawdown on 2/23/38

Aquifer - 121EVGL ID - 15
EVANGELINE
AQUIFER

Tuesday, August 30, 2005

Well Number - 6514754



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WATER UTILITY DATABASE (WUD)

MAP ID# 11

Distance from Property: 0.55 mi. WNW

PWSID: 1010013
SOURCE ID: G1010013GT
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 08/28/1945
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.361114500
LATITUDE: 29.763889310

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 11 Distance from Property: 0.53 mi. WNW

STATE ID: 65-14-740
OWNER'S NAME: SOUTHERN PACIFIC BUILDING
DATE DRILLED: 00/00/1923
DEPTH DRILLED: 861'
WATER USAGE: PLUGGED OR DESTROYED
LONGITUDE: -95.361050000
LATITUDE: 29.763840000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514740/6514740.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-740

Texas Water Development Board Well Schedule

State Well Number 6514740 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294549 Longitude 952139 Source of Coords 3

Owner's Well No. _____ Location _____

Owner Southern Pacific Building
Driller Taylor and Roberts

Address _____ Tenant/Oper. _____

Date Drilled / /1923 Depth 861 Source of Depth Altitude 40 Source of Alt.
Well Type W User

WELL CONSTRUCTION Const-Method Completion Casing Material Blank Screen Material Blank
Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - NONE No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - blank Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - UNUSED Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - N Quality - Y Logs - Other Data -

WATER LEVELS

Recorded By _____ Date Record Collected or Updated - / /
Reporting Agency

REMARKS -
97 ft of screen between 626 and 861 ft. Well destroyed.

Aquifer - 121EVGL ID - 15
EVANGELINE
AQUIFER

Wednesday, July 05, 2006

Well Number - 6514740



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 12 Distance from Property: 0.53 mi. S

STATE ID: **65-14-760**
OWNER'S NAME: **COCA COLA BOTTLING CO.**
DATE DRILLED: **00/00/1933**
DEPTH DRILLED: **824'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.352740000**
LATITUDE: **29.752350000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514760/6514760.pdf>



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 13 Distance from Property: 0.53 mi. NNW

ID NUMBER: TX200312
STATE ID : 65-14-7
OWNER NAME: HYDRAULIC EQUIPMENT SERV
DATE DRILLED: 02/19/1999
DEPTH DRILLED: 452'
STATIC LEVEL: 205'
WATER USAGE: BACKUP TO CITY WATER
LONGITUDE: -95.356425000
LATITUDE: 29.767494000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 200312

ATTENTION OWNER: Confidentiality STATE OF TEXAS
Privilege Notice on Reverse Side WATER WELL REPORT

101

1) OWNER: HYDRAULIC EQUIPMENT SERV. ADDRESS: 1021 NORTH SAN JACINTO CITY: HOUSTON STATE: TX ZIP: 77002-1199

2) ADDRESS OF WELL: 5)
County: HARRIS GRID # 65-14-7
Street or RFD: 1021 NORTH SAN JACINTO
City, State, Zip code: HOUSTON TX 77002-1199

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: BACKUP TO CITY WATER
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 01610 DIAMETER OF HOLE 7) DRILLING METHOD: 8) BOREHOLE COMPLETION:
DATE DRILLING: DIAMETER FROM TO MUD ROTARY TWO STRING/K-PACKER
STARTED: 02/15/99 3.875 440 452 IF GRAVEL... FROM FT. TO FT.
COMPLETED: 02/19/99 FROM FT. TO FT.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
4.0	N	P.V.C. SCH.40	0	440	CASING
2.5	N	P.V.C. SCH.40	421	442	LINER
2.5	N	P.V.C. - UNDERBAR	442	452	.006

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	2	FILL
2	4	SOIL
4	14	CLAY-WHITE
14	54	CLAY-TAN CLAY-RED SANDSTONE
54	61	SAND-TAN-.006-.008
61	92	CLAY-RED
92	100	SAND-TAN-.006-.008
100	170	CLAY-GRAY
170	182	SAND-WHITE-.014-.020
182	212	CLAY-GRAY
212	230	SAND-WHITE-.006-.008
230	255	CLAY-RED
255	274	SAND-WHITE-.006-.008
274	278	CLAY-GRAY
278	282	SAND-WHITE-.006-.008

9) CEMENTING DATA:

Cemented from 0 FT. TO 440 FT. No. of Sacks Used 56
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: ANWS
Distance to septic field lines: N/A ft.
Method of verification of above distance:
CITY SEWER

10) SURFACE COMPLETION:

PITLESS ADAPTER USED

11) WATER LEVEL:

STATIC LEVEL : 205 FT. DATE: 02/17/99
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
K-PACKER	421
K-PACKER	422

13) TYPE PUMP:

SUBMERSIBLE
DEPTH TO PUMP: 260

14) WELL TEST:

JETTED
YIELD: 30 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:

TYPE OF WATER: GOOD DEPTH OF STRATA: 452 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843, 2350, 2843 FOR TWC USE ONLY
ADDRESS: P.O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578 WELL NO. _____
LOCATED ON MAP _____

HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Carl Lyster (signed)
(LICENSED WATER WELL DRILLER)

FILE #	SEQ #
(REGISTERED DRILLER TRAINEE)	
EMP #	DESC #
SEP 14 1999	
COMMENT	



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 200312

STATE : TEXAS WATER WELL REPORT (PAGE 2)

OWNER: HYDRAULIC EQUIPMENT SERV. ADDRESS: 1021 NORTH SAN JACINTO CITY: HOUSTON STATE: TX ZIP: 77002-1199

282 318 CLAY-RED :
318 340 SAND-WHITE-.010-.012 :
340 440 CLAY-RED CLAY-BLUE :
440 452 SAND-WHITE-.006-.008 SAND-WHITE-.010-.012 :

FILE ID	SEG F
EMP #	SEP 14 1999
COMMENT	DESC C1

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 13 Distance from Property: 0.53 mi. NNW

WELL ID: **7262**
OWNERS NAME: **HYDRAULIC EQUIPMENT SERVICE, INC.**
YEAR DRILLED: **1999**
DEPTH DRILLED: **400'**
STATIC LEVEL: **390'**
WATER USAGE: **DOMESTIC/COMMERCIAL**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.356425000**
LATITUDE: **29.767494000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 14 Distance from Property: 0.53 mi. WSW

STATE ID: **65-14-743**
OWNER'S NAME: **AMBASSADOR APARTMENTS**
DATE DRILLED: **00/00/1910**
DEPTH DRILLED: **888'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.361005000**
LATITUDE: **29.756231000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514743/6514743.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-743

Texas Water Development Board Well Schedule

State Well Number 6514743 **Previous Well Number** **County** Harris 201
River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294521 **Longitude** 952139 **Source of Coords** 3

Owner's Well No. _____ **Location** _____
Owner Ambassador Apartments **Driller** Layne Texas

Address _____ **Tenant/Oper.** _____

Date Drilled / /1910 **Depth** 888 **Source of Depth** **Altitude** 50 **Source of Alt.**
Well Type w **User**

WELL CONSTRUCTION **Const-Method** **Casing Material** Blank
Completion **Screen Material** Blank **Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____**

LIFT DATA - Pump Mfr. - _____ **Type** - NONE **No. Stages** _____
Bowls Diam. - _____ in. **Setting** - _____ ft. **Column Diam.** - _____ in.
Motor Mfr. - _____ **Fuel or Power** - blank **Horsepower** - _____
YIELD Flow- _____ GPM **Pump** _____ GPM **Meas.,Rept.,Est.-** _____ **Date-** _____

WATER USE **Primary** - UNUSED **Secondary** - blank **Tertiary** - blank

OTHER DATA AVAILABLE **Water Levels** - N **Quality** - Y **Logs** - **Other Data** -

WATER LEVELS

Recorded By _____ **Date Record Collected or Updated** - / /
Reporting Agency

REMARKS -
Screen from 813 to 873 ft. Well destroyed.

Aquifer - 121EVGL **ID** - 15
EVANGELINE
AQUIFER

Wednesday, December 28, 2005

Well Number - 6514743



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 15 Distance from Property: 0.57 mi. W

STATE ID: **65-14-728**
OWNER'S NAME: **RICE HOTEL**
DATE DRILLED: **00/00/1913**
DEPTH DRILLED: **1395'**
WATER USAGE: **PLUGGED OR DESTROYED**
LONGITUDE: **-95.362820000**
LATITUDE: **29.760610000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514728/6514728.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-728

**Texas Water Development Board
Well Schedule**

State Well Number 6514728 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294539 Longitude 952147 Source of Coords 3

Owner's Well No. _____ Location _____
Owner Rice Hotel Driller Layne Bowler

Address _____ Tenant/Oper. _____

Date Drilled / /1913 Depth 1395 Source of Depth Altitude 51 Source of Alt.
Well Type W User

WELL CONSTRUCTION Const-Method Completion Casing Material Blank Screen Material Blank
Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - NONE No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - blank Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - UNUSED Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - N Quality - Y Logs - Other Data -

WATER LEVELS

Recorded By _____ Date Record Collected or Updated - / /
Reporting Agency

REMARKS -
Screen from 1303 to 1383 ft. Well destroyed.

Aquifer - 121EVGL ID - 15
EVANGELINE
AQUIFER

Wednesday, February 14, 2007

Well Number - 6514728

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 15 Distance from Property: 0.57 mi. W

STATE ID: **65-14-729**
OWNER'S NAME: **RICE HOTEL**
DATE DRILLED: **00/00/1926**
DEPTH DRILLED: **896'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.362810000**
LATITUDE: **29.760610000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514729/6514729.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-729

**Texas Water Development Board
Well Schedule**

State Well Number 6514729 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294540 Longitude 952146 Source of Coords 3

Owner's Well No. Location
Owner Rice Hotel Driller J.A. Walling

Address Tenant/Oper.

Date Drilled / /1926 Depth 896 Source of Depth Altitude 51 Source of Alt.
Well Type W User

WELL CONSTRUCTION Const-Method Completion Casing Material Blank Screen Material Blank
Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from to

LIFT DATA - Pump Mfr. - Type - NONE No. Stages
Bowls Diam. - in. Setting - ft. Column Diam. - in.
Motor Mfr. - Fuel or Power - blank Horsepower -

YIELD Flow- GPM Pump GPM Meas.,Rept.,Est.- Date-

WATER USE Primary - UNUSED Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - N Quality - Y Logs - Other Data -

WATER LEVELS

Recorded By Date Record Collected or Updated - / /
Reporting Agency

REMARKS -
Well abandoned in 1952.

Aquifer - 112CEVG ID - 15
CHICOT AND EVANGELINE
AQUIFERS

Wednesday, February 14, 2007

Well Number - 6514729

WATER UTILITY DATABASE (WUD)

MAP ID# 16

Distance from Property: 0.58 mi. WNW

PWSID: 1010013
SOURCE ID: G1010013GS
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1925
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.360832210
LATITUDE: 29.764999390

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 17 Distance from Property: 0.59 mi. W

STATE ID: **65-14-744**
OWNER'S NAME: **KRESS BUILDING**
DATE DRILLED: **00/00/1913**
DEPTH DRILLED: **542'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.363130000**
LATITUDE: **29.758630000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514744/6514744.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-744

TEXAS WATER DEVELOPMENT BOARD WELL SCHEDULE

State Well Number - 65 14 744 Previous Well Number - _____ County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 45 28 Longitude - 95 21 38 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____
Owner - Kress Building Driller - Layne Texas Co.

Address _____ Tenant/Oper. _____

Date Drilled - / /1913 Depth - 542 ft. Source of Depth - _____ Altitude - 50 ft. Source of Alt. - _____

Aquifer - 112CHCTL CHICOT AQUIFER, LOWER Well Type - W User - _____

WELL CONSTRUCTION Const. _____ Casing Material - _____
Method - _____ Screen _____
Completion - _____ Material - _____

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages _____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - _____ Horsepower - _____

YIELD Flow- _____ GPM Pump- _____ GPM Meas., Rept., Est. - _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM

Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft

QUALITY (Remarks- _____)

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILABLE Water Levels- M Quality- N Logs- _____ Other Data- _____

WATER LEVELS Date- 02/01/1931 Measurement- -68.80
Date- / / Measurement- _____

Recorded By _____ Date Record Collected or Updated- 09/30/2002

- 1|
- 2|
- 3|
- 4|
- 5|
- 6|
- 7|
- 8|
- 9|
- 10|
- 11|
- 12|
- 13|
- 14|
- 15|
- 16|
- 17|
- 18|
- 19|

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
REMARKS -
TWDB R178: Screen from 500 to 540 ft.

Aquifer - 112CHCTL
Well No. - 65 14 744

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-744

Texas Water Development Board Well Schedule

State Well Number 6514744 Previous Well Number _____ County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294528 Longitude 952138 Source of Coords 2

Owner's Well No. _____ Location _____
Owner Kress Building Driller Layne Texas Co.

Address _____ Tenant/Oper. _____

Date Drilled / /1913 Depth 542 Source of Depth _____ Altitude 50 Source of Alt. _____
Well Type W User _____

WELL CONSTRUCTION Const-Method _____ Completion _____ Casing Material _____ Screen Material _____ Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - NONE No. Stages _____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - _____ Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - UNUSED Secondary - _____ Tertiary - _____

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - _____ Other Data - _____

WATER LEVELS 1 measurement
1931
-68.8

Recorded By _____ Date Record Collected or Updated - 09/30/2002
Reporting Agency 01

REMARKS -
TWDB R178: Screen from 500 to 540 ft.

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER,LOWER

Wednesday, December 28, 2005

Well Number - 6514744



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 18 Distance from Property: 0.60 mi. E

WELL ID: 2843
OWNERS NAME: HOUSTON SHELL & CONCRETE
YEAR DRILLED: 1962
DEPTH DRILLED: 640'
STATIC LEVEL: 600'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.342886000
LATITUDE: 29.761381000
SOURCE: HGSD

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 19 Distance from Property: 0.61 mi. WNW

STATE ID: **65-14-748**
OWNER'S NAME: **CITY OF HOUSTON CENTRAL**
DATE DRILLED: **00/00/1925**
DEPTH DRILLED: **980'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.361370000**
LATITUDE: **29.765650000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514748/6514748.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 20 Distance from Property: 0.67 mi. NW

STATE ID: **65-14-713**
OWNER'S NAME: **SOUTHLAND**
DATE DRILLED: **00/00/1941**
DEPTH DRILLED: **354'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.361850000**
LATITUDE: **29.766490000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514713/6514713.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-713

Texas Water Development Board Well Schedule

State Well Number 6514713 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294559 Longitude 952143 Source of Coords 3

Owner's Well No. _____ Location _____
Owner Southland Driller Layne Texas

Address _____ Tenant/Oper. _____

Date Drilled / /1941 Depth 354 Source of Depth Altitude 40 Source of Alt.
Well Type w User

WELL CONSTRUCTION Const-Method Completion Casing Material Blank Screen Material Blank
Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - NONE No. Stages _____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - blank Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - UNUSED Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - M Quality - Y Logs - Other Data -

WATER LEVELS 1 measurement
1941
-78

Recorded By _____ Date Record Collected or Updated - / /

Reporting Agency

REMARKS -
145 ft of screen between 166 and
351 ft. Formerly supplied ice
plant.

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER,LOWER

Wednesday, July 05, 2006

Well Number - 6514713



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 20 Distance from Property: 0.67 mi. NW

WELL ID: **1676**
OWNERS NAME: **SOUTHLAND CORPORATION, THE**
YEAR DRILLED: **1946**
DEPTH DRILLED: **900'**
STATIC LEVEL: **622'**
WATER USAGE: **INDUSTRIAL**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.361849000**
LATITUDE: **29.766491000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 21 Distance from Property: 0.70 mi. WSW

STATE ID: **65-14-721**
OWNER'S NAME: **COMMERCE BUILDING**
DATE DRILLED: **00/00/1939**
DEPTH DRILLED: **900'**
WATER USAGE: **OTHER**
LONGITUDE: **-95.363920000**
LATITUDE: **29.755800000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514721/6514721.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
State ID: 65-14-721

Texas Water Development Board Well Schedule

State Well Number 6514721 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294520 Longitude 952150 Source of Coords 2

Owner's Well No. _____ Location _____
Owner Commerce Building Driller Layne Texas Co.

Address _____ Tenant/Oper. _____

Date Drilled / /1939 Depth 900 Source of Depth Altitude 51 Source of Alt.
Well Type W User

WELL CONSTRUCTION Const-Method Casing Material Screen Material Casing or Blank Pipe (C)
Completion Cemented from _____ to _____
Well Screen or Slotted Zone (S) or Open Hole (O)

LIFT DATA - Pump Mfr. - _____ Type - TURBINE PUMP No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - PUBLIC SUPPLY Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - Other Data -

WATER LEVELS 1 measurement
1939
-118

Recorded By _____ Date Record Collected or Updated - 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: 96 ft. of screen
between 752 and 882 ft.
Yeild: 800 gpm when drilled.

Aquifer - 121EVGL ID - 15
EVANGELINE
AQUIFER

Wednesday, December 28, 2005

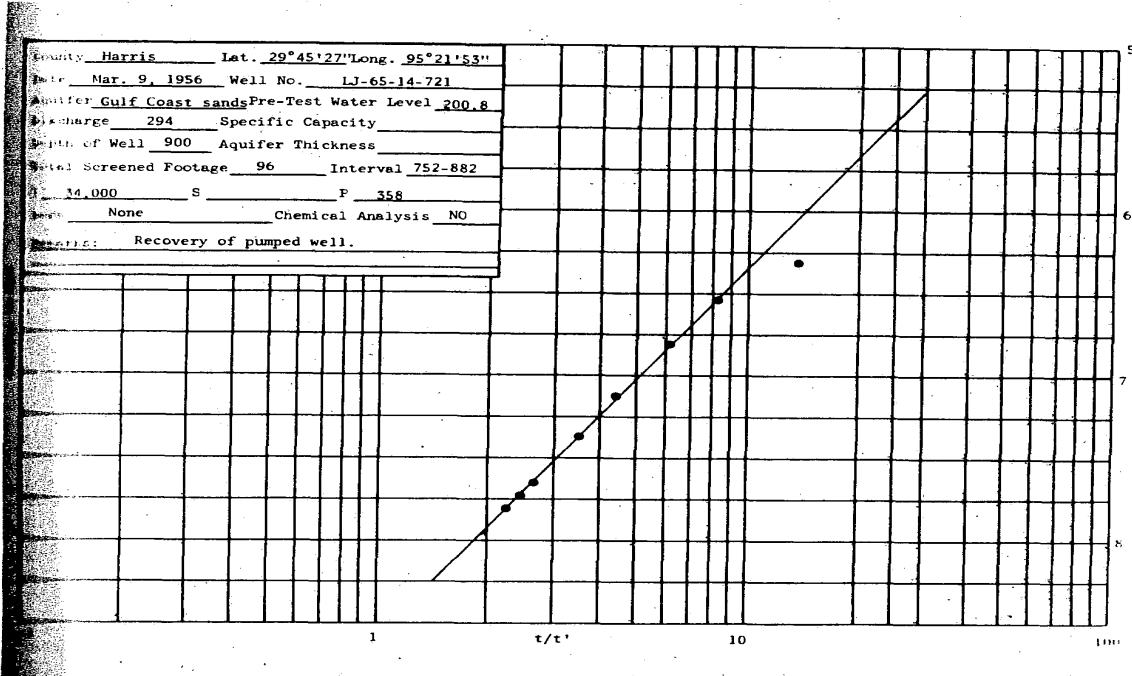
Well Number - 6514721



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 2
 State ID: 65-14-721



HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 22 Distance from Property: 0.72 mi. WSW

WELL ID: **2637**
OWNERS NAME: **TISHMAN MANAGEMENT OF HOUSTON**
YEAR DRILLED: **1939**
DEPTH DRILLED: **900'**
STATIC LEVEL: **NOT REPORTED**
WATER USAGE: **PUBLIC SUPPLY**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.364970000**
LATITUDE: **29.757772000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 23 Distance from Property: 0.72 mi. W

STATE ID: 65-14-736
OWNER'S NAME: NIELS ESPERSON BLDG.
DATE DRILLED: 00/00/1925
DEPTH DRILLED: 895'
WATER USAGE: UNUSED
LONGITUDE: -95.365336000
LATITUDE: 29.758867000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514736/6514736.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-736

Texas Water Development Board Well Schedule

State Well Number 6514736 Previous Well Number _____ County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294532 Longitude 952155 Source of Coords 3

Owner's Well No. _____ Location _____
Owner Niels Esperson Bldg. Driller Layne Texas

Address _____ Tenant/Oper. _____

Date Drilled / /1925 Depth 895 Source of Depth _____ Altitude 50 Source of Alt. _____
Well Type w User _____

WELL CONSTRUCTION Const-Method _____ Casing Material Blank
Screen Material Blank Casing or Blank Pipe (C)
Completion _____ Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - NONE No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - blank Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - UNUSED Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - M Quality - Y Logs - _____ Other Data - _____

WATER LEVELS 1 measurement
1931
-98.6

Recorded By _____ Date Record Collected or Updated - / /
Reporting Agency _____

REMARKS -
Screen from 844 to 894 ft.

Aquifer - 121EVGL ID - 15
EVANGELINE
AQUIFER

Wednesday, December 28, 2005

Well Number - 6514736



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 24 Distance from Property: 0.73 mi. WSW

WELL ID: **3624**
OWNERS NAME: **FIRST CITY NATIONAL BANK**
YEAR DRILLED: **1981**
DEPTH DRILLED: **550'**
STATIC LEVEL: **455'**
WATER USAGE: **OTHER**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.364709000**
LATITUDE: **29.756333000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 25 Distance from Property: 0.74 mi. WNW

STATE ID: 65-14-726
OWNER'S NAME: HOUSTON ICE AND COLD STORAGE CO.
DATE DRILLED: 00/00/1915
DEPTH DRILLED: 825'
WATER USAGE: UNUSED
LONGITUDE: -95.363520000
LATITUDE: 29.766180000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514726/6514726.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-726

Texas Water Development Board Well Schedule

State Well Number 6514726 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294559 Longitude 952144 Source of Coords 3

Owner's Well No. _____ Location _____
Owner Houston Ice and Cold Storage Co. Driller J.A. Walling

Address _____ Tenant/Oper. _____

Date Drilled / /1915 Depth 825 Source of Depth Altitude 40 Source of Alt.
Well Type W User

WELL CONSTRUCTION Const-Method Completion Casing Material Blank Screen Material Blank
Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - NONE No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - blank Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - UNUSED Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - N Quality - Y Logs - Other Data -

WATER LEVELS

Recorded By _____ Date Record Collected or Updated - / /
Reporting Agency

REMARKS -
Well destroyed.

Aquifer - 112CEVG ID - 15
CHICOT AND EVANGELINE
AQUIFERS

Wednesday, July 05, 2006

Well Number - 6514726



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 25 Distance from Property: 0.74 mi. WNW

STATE ID: **65-14-715**
OWNER'S NAME: **HOUSTON ICE AND COLD STORAGE**
DATE DRILLED: **00/00/1915**
DEPTH DRILLED: **720'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.363530000**
LATITUDE: **29.766190000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514715/6514715.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-715

Texas Water Development Board Well Schedule

State Well Number 6514715 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294558 Longitude 952147 Source of Coords 3

Owner's Well No. _____ Location _____
Owner Houston Ice and Cold Storage Driller J.A. Walling

Address _____ Tenant/Oper: _____

Date Drilled / /1915 Depth 720 Source of Depth Altitude 40 Source of Alt.
Well Type W User

WELL CONSTRUCTION Const-Method Casing Material Blank Screen Material Blank Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____
Completion

LIFT DATA - Pump Mfr. - _____ Type - NONE No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - blank Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - UNUSED Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - M Quality - Y Logs - Other Data -

WATER LEVELS 1 measurement
1931
-52.3

Recorded By _____ Date Record Collected or Updated - / /
Reporting Agency

REMARKS -
Original depth 745 ft. Well destroyed.

Aquifer - 121EVGL ID - 15
EVANGELINE
AQUIFER

Wednesday, July 05, 2006

Well Number - 6514715



www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 26 Distance from Property: 0.74 mi. ENE

ID NUMBER: TX208785
STATE ID : N/A
OWNER NAME: SWANN ICE CO
DATE DRILLED: 08/21/1972
DEPTH DRILLED: 354'
STATIC LEVEL: 165'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.342632000
LATITUDE: 29.766173000
1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 208785

Send original copy by certified mail to the Texas Water Development Board, P. O. Box 11386, Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TWDB use only
Well No. _____
Located on map 110
Received: 73
alt

1) OWNER: Person having well drilled Swann Inc. Co. Address 418 Jensen Dr. Hou. Tex
(Name) (Street or RFD) (City) (State)
Landowner SARAC Address _____ (City) (State)

2) LOCATION OF WELL: County HARRIS 0 miles in 0 direction from HOUSTON
(N., E., S., W., etc.) (Town)
Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.* OR Give legal location with distances and directions from adjacent sections or survey lines.
418 Jensen Dr. North
(Use reverse side if necessary)

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging 4) PROPOSED USE (Check): Domestic Industrial Municipal Irrigation Test Well Other * 5) TYPE OF WELL (Check): Rotary Driven Dug Cable Jetted Bored

6) WELL LOG: Diameter of hole 4" in. Depth drilled 354 ft. Depth of completed well 354 ft. Date drilled 8-21-72
All measurements made from 4 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	9) Casing: Type: Old _____ New <input checked="" type="checkbox"/> Steel _____ Plastic _____ Other _____
0	2	Topsoil	Cemented from <u>0</u> ft. to <u>317</u> ft.
2	310	UNCONSOLIDATED	Diameter (inches) Setting From (ft.) To (ft.) Casing
310	354	SAND	4" 0 312 30
			2" 317 334 40

10) SCREEN: Type 5.5. Perforated Slotted _____
Diameter (inches) Setting From (ft.) To (ft.) Slot Size
2" 334 354 4 1/16

7) COMPLETION (Check): Straight wall Gravel packed _____ Other _____ Under reamed _____ Open Hole _____

8) WATER LEVEL: Static level 165 ft. below land surface Date 8-23-72
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 210 ft. below land surface.

11) WELL TESTS: Was a pump test made? Yes _____ No If Yes, by whom? _____
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY: Was a chemical analysis made? Yes _____ No
Did any strata contain undesirable water? Yes _____ No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Tommy C. Russell Water Well Drillers Registration No. 707
(Type or Print) (City) (State)
ADDRESS 9735 N. Hwy. Rosslyn Hou TEX
(Street or RFD) (City) (State)
(Signed) Tommy C. Russell Russell + Son Inc.
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDB-CW-53

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 26 Distance from Property: 0.74 mi. ENE

WELL ID: **2265**
OWNERS NAME: **SWANN ICE SERVICE, INC., C. H.**
YEAR DRILLED: **1981**
DEPTH DRILLED: **NOT REPORTED**
STATIC LEVEL: **NOT REPORTED**
WATER USAGE: **INDUSTRIAL**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.342632000**
LATITUDE: **29.766173000**
SOURCE: **HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 27 Distance from Property: 0.76 mi. ESE

ID NUMBER: TX199550
STATE ID : 65-22-2D
OWNER NAME: FELIX MORALES
DATE DRILLED: 04/14/1970
DEPTH DRILLED: 186'
STATIC LEVEL: 115'
WATER USAGE: DOMESTIC
LONGITUDE: -95.341532000
LATITUDE: 29.755245000
1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 199550

Send original copy by certified mail to the Texas Water Development Board, P. O. Box 12386, Austin, Texas 78711		State of Texas WATER WELL REPORT		For TWDB use only Well No. <u>65-22-20</u> Located on map <u>725</u> Received <u>70</u> dt	
1) OWNER: Person having well drilled <u>Felix Morales</u> (Name) Address <u>2901 Canal, Houston, Texas</u> (Street or RFD) (City) (State) Landowner <u>Same</u> (Name) Address _____ (Street or RFD) (City) (State)					
2) LOCATION OF WELL: County <u>Harris</u> _____ miles in _____ direction <u>In Houston</u> (Town) <small>(N., E., S., W., etc.)</small>		Locate by sketch map showing landmarks, roads, creeks, highway number, etc.* <u>2.</u> <u>map on - 60-64-18</u> <small>(Use reverse side if necessary)</small>			
3) TYPE OF WORK (Check): New Well <input checked="" type="checkbox"/> Deepening _____ Reconditioning _____ Plugging _____		4) PROPOSED USE (Check): Domestic <input checked="" type="checkbox"/> Industrial _____ Irrigation _____ Test Well _____ Municipal _____ Other _____		5) TYPE OF WELL (Check): Rotary <input checked="" type="checkbox"/> Driven _____ Cable _____ Jetted _____ Dug _____ Bored _____	
6) WELL LOG: Diameter of hole <u>6 1/2</u> in. Depth drilled <u>186</u> ft. Depth of completed well <u>186</u> ft. Date drilled <u>4/4/70</u> All measurements made from <u>0</u> ft. above ground level.					
From (ft.) To (ft.) Description and color of formation material			9) CASING: Type: Old _____ New <input checked="" type="checkbox"/> Steel <input checked="" type="checkbox"/> Plastic _____ Other _____ Cemented from <u>131</u> ft. to <u>171</u> ft.		
<u>0 5 Fill</u>			Diameter (inches) _____ Setting From (ft.) To (ft.) Gage		
<u>5 60 Red clay</u>			<u>4" 0 171' Sch 40</u>		
<u>60 73 Red sand</u>					
<u>73 163 Blue clay</u>					
<u>163 186 Sand</u>					
			10) SCREEN: Type <u>Plastic wrapped</u> Perforated <input checked="" type="checkbox"/> Slotted _____		
			Diameter (inches) _____ Setting From (ft.) To (ft.) Slot Size		
			<u>2 1/2 106 186 12 GA.</u>		
(Use reverse side if necessary)					
7) COMPLETION (Check): Straight wall <input checked="" type="checkbox"/> Gravel packed _____ Other _____ Under reamed _____ Open Hole _____			11) WELL TESTS: Was a pump test made? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, by whom? _____ Yield: _____ gpm with _____ ft. drawdown after _____ hrs. Bailer test _____ gpm with _____ ft. drawdown after _____ hrs. Artesian flow _____ gpm Temperature of water _____		
8) WATER LEVEL: Static level <u>115</u> ft. below land surface Date <u>4/4/70</u> Artesian pressure _____ lbs. per square inch Date _____ Depth to pump bowls, cylinder, jet, etc., <u>157</u> ft. below land surface.			12) WATER QUALITY: Was a chemical analysis made? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Did any strata contain undesirable water? Yes _____ No <input type="checkbox"/> Type of water? _____ depth of strata _____		
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.					
NAME <u>MILLARD M. SMITH</u> (Type or Print) Water Well Drillers Registration No. <u>467</u>		ADDRESS <u>12401 KAYLA LN. HOUSTON, TEXAS</u> (Street or RFD) (City) (State)			
(Signed) <u>Millard M. Smith</u> (Water Well Driller)		<u>A & B Pump & Well Service</u> (Company Name)			
Please attach electric log, chemical analysis, and other pertinent information, if available.					

*Additional instructions on reverse side.
TWDDB-CW-53

TX652220004



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 28 Distance from Property: 0.77 mi. WNW

STATE ID: **65-14-725**
OWNER'S NAME: **MODEL LAUNDRY**
DATE DRILLED: **00/00/1909**
DEPTH DRILLED: **1875'**
WATER USAGE: **PLUGGED OR DESTROYED**
LONGITUDE: **-95.365590000**
LATITUDE: **29.763530000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514725/6514725.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-725

Texas Water Development Board Well Schedule

State Well Number 6514725 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294548 Longitude 952156 Source of Coords 3

Owner's Well No. _____ Location _____
Owner Model Laundry Driller Southern Engine and Pump co.

Address _____ Tenant/Oper. _____

Date Drilled / /1909 Depth 1875 Source of Depth Altitude 45 Source of Alt. Well Type W User

WELL CONSTRUCTION Const-Method Completion Casing Material Blank Screen Material Blank Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - NONE No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - blank Horsepower - _____

YIELD Flow- _____ GPM Pump _____ GPM Meas., Rept., Est. - _____ Date - _____

WATER USE Primary - UNUSED Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - M Quality - Y Logs - Other Data -

WATER LEVELS 1 measurement
1941
-102.2

Recorded By _____ Date Record Collected or Updated - / /
Reporting Agency

REMARKS -
Screen from 1625 to 1875 ft. Flowed until 1920. Well destroyed.

Aquifer - 121EVGL **ID -** 15
EVANGELINE
AQUIFER

Wednesday, February 14, 2007

Well Number - 6514725



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 29 Distance from Property: 0.78 mi. NNW

STATE ID: 65-14-711
OWNER'S NAME: SOUTHERN PACIFIC RAILROAD, WELL#3
DATE DRILLED: 00/00/1937
DEPTH DRILLED: 932'
WATER USAGE: UNUSED
LONGITUDE: -95.356110000
LATITUDE: 29.771380000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514711/6514711.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-711

Texas Water Development Board Well Schedule

State Well Number 6514711 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294620 Longitude 952120 Source of Coords 2

Owner's Well No. Location
Owner Southern Pacific Railroad, Well#3
Driller Layne Texas Co.

Address Tenant/Oper.

Date Drilled / /1937 Depth 932 Source of Depth Altitude 50 Source of Alt.
Well Type W User

WELL CONSTRUCTION Const-Method Completion Casing Material Screen Material
Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from to

LIFT DATA - Pump Mfr. - Type - NONE No. Stages
Bowls Diam. - in. Setting - ft. Column Diam. - in.
Motor Mfr. - Fuel or Power - Horsepower -
YIELD Flow- GPM Pump GPM Meas.,Rept.,Est.- Date-

WATER USE Primary - UNUSED Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - Other Data -

WATER LEVELS 1 measurement
1937
-86

Recorded By Date Record Collected or Updated - 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: 119 ft. of screen
between 523 and 921 ft.
Yield: 695 gpm with 90 ft.
drawdown when drilled.

Aquifer - 121EVGL ID - 15
EVANGELINE
AQUIFER

Wednesday, July 05, 2006

Well Number - 6514711



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 30 Distance from Property: 0.78 mi. W

WELL ID: **4266**
OWNERS NAME: **HINES CONSOLIDATED INVESTMENTS**
YEAR DRILLED: **1990**
DEPTH DRILLED: **44'**
STATIC LEVEL: **25'**
WATER USAGE: **INDUSTRIAL**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.366410000**
LATITUDE: **29.760631000**
SOURCE: **HGSD**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 30 Distance from Property: 0.78 mi. W

WELL ID: **4265**
OWNERS NAME: **HINES CONSOLIDATED INVESTMENTS**
YEAR DRILLED: **1990**
DEPTH DRILLED: **58'**
STATIC LEVEL: **35'**
WATER USAGE: **INDUSTRIAL**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.366410000**
LATITUDE: **29.760631000**
SOURCE: **HGSD**



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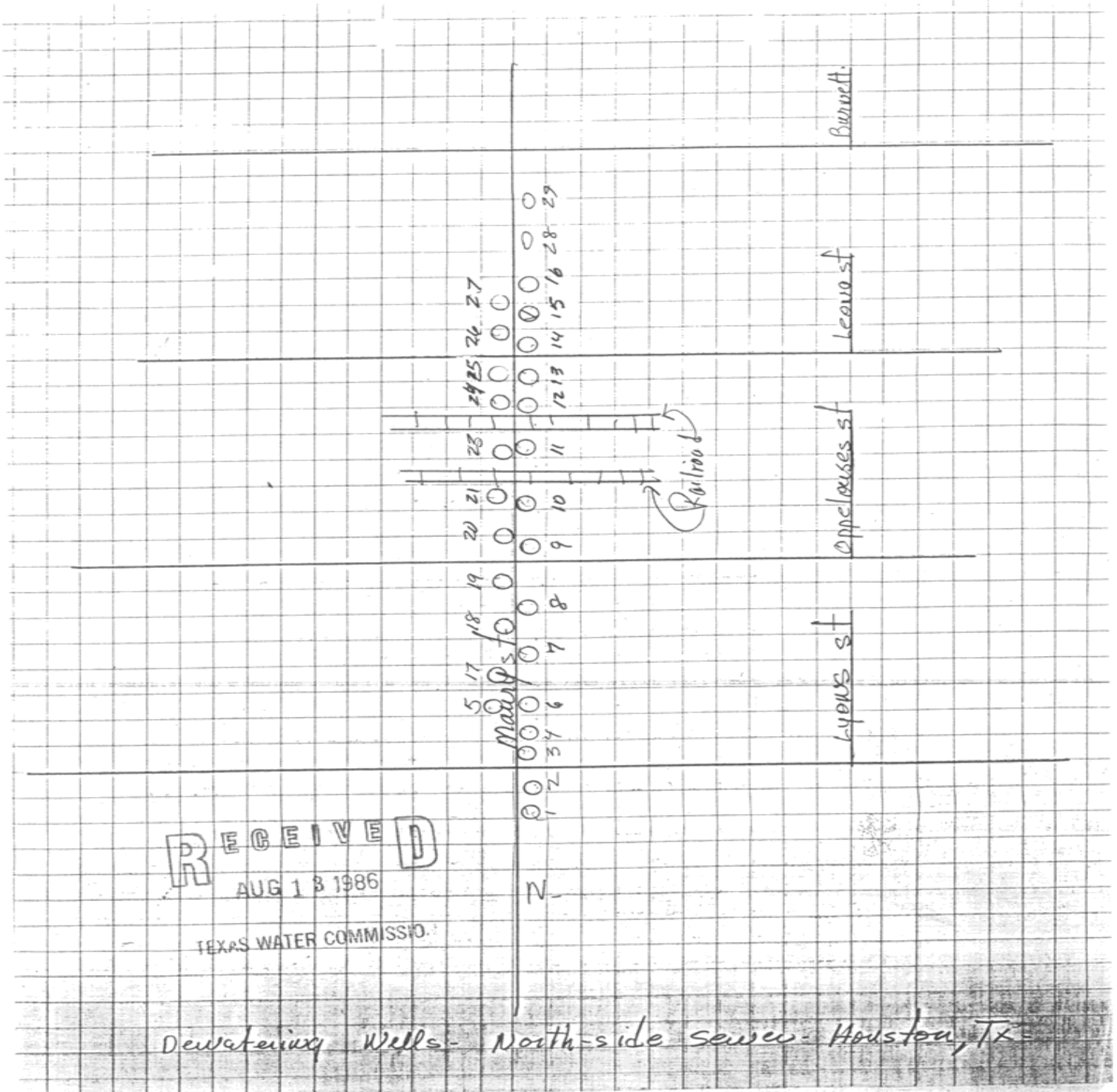
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 31 Distance from Property: 0.80 mi. NNE

ID NUMBER: TX205269
STATE ID : 65-14-7
OWNER NAME: GREENFIELD CONSTRUCTION WELL #2
DATE DRILLED: 05/22/1986
DEPTH DRILLED: 80'
STATIC LEVEL: 43.5'
WATER USAGE: DE-WATERING
LONGITUDE: -95.349454000
LATITUDE: 29.771445000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205269



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205269

Please use black ink. Send original copy by certified mail to the Texas Water Commission P.O. Box 13067 Austin, Texas 78711

State of Texas
WATER WELL REPORT
Texas Water Well Drillers Board
P. O. Box 13067
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Greenfield Construction (Name) Address _____ (Street or RFD) _____ (City) _____ (State) _____ (Zip)

2) LOCATION OF WELL: County Harris miles in _____ direction from Houston (Town)

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other Decorative

5) DRILLING METHOD (Check): Cased Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other _____

6) WELL LOG: Date Drilling: Started 5-22 1986 Completed 5-22 1986

DIAMETER OF HOLE		7) BOREHOLE COMPLETION:	
Dia. (in.)	From (ft.)	To (ft.)	
	Surface	80'	<input type="checkbox"/> Open-Hole <input type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed
			<input checked="" type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____
			If Gravel Packed give interval ... from <u>10</u> ft. to <u>80</u> ft.

Description and color of formation material		8) CASING, BLANK PIPE, AND WELL SCREEN DATA:	
From (ft.)	To (ft.)	Dia. (in.)	Setting (ft.)
0	5'		From To
			Gage Casing Screen
5'	34'	6 N	59' 79' 000
34'	34 1/2'		
34 1/2'	79'		
79'	80'		

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
Method used NONE

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)] NONE
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 43 1/2 ft. below land surface Date 5-20-86
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____

13) TYPE PUMP: Turbine Jet Submersible Cylinder
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: Pump Bailor Jetted Estimated
Yield: 2 gpm with total drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Stang De-watering Inc. Water Well Driller's License No. 2644 W
ADDRESS 3801 Trailmobile Dr. (City) Houston (State) Texas (Zip) 77013
(Signed) Jimmy Hill (Registered Driller/Trainee) For TWC use only Well No. 65-14-7 Located on map _____

RECEIVED
AUG 13 1986

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 31 Distance from Property: 0.82 mi. NNE

ID NUMBER: TX205270
STATE ID : 65-14-7
OWNER NAME: GREENFIELD CONST. WELL #3
DATE DRILLED: 05/30/1986
DEPTH DRILLED: 76'
STATIC LEVEL: 45.5'
WATER USAGE: DE-WATERING
LONGITUDE: -95.349473000
LATITUDE: 29.771738000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205270

Please use black ink. Send original copy by certified mail to the Texas Water Commission, P.O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT
Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Greenfield Const. (Name) Address _____ (Street or RFD) _____ (City) _____ (State) _____ (Zip)

2) LOCATION OF WELL: County Harris miles in _____ direction from Houston (Town)

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other Seawater

5) DRILLING METHOD (Check): Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other _____

6) WELL LOG: Date Drilling: Started 5-30 1986 Completed 5-30 1986

From (ft.)	To (ft.)	DIAMETER OF HOLE	
		Dia. (in.)	From (ft.) To (ft.)
		15"	Surface to 76'
0	5	Sand & Gravel	
5	35 1/2	Red & Brown White Clay	
35 1/2	71	Brown Sand	
71	72	Red Clay	
72	76	Red Clay	

7) BOREHOLE COMPLETION: Open Hole Straight Wall Underreamed Gravel Packed Other _____

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc.	Screen Mat., if commercial	Setting (ft.) From To	Gage Casing Screen
N 6"		P.V.C.		53' 93'	000

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
Method used NONE
Cemented by _____

10) SURFACE COMPLETION: Specified Surface Slab Installed [Rule 319.44(c)] Pitless Adapter Used [Rule 319.44(d)] Approved Alternative Procedure Used [Rule 319.71] NONE

11) WATER LEVEL: Static level 45' 6" ft. below land surface Date 5-30-86
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth NONE

13) TYPE PUMP: Turbine Jet Submersible Cylinder
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS: Type Test: Pump Bailor Jetted Estimated
Yield: 25 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water: _____ Depth of strata _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Stang Drilling Inc. Water Well Driller's License No. 2644 W
ADDRESS 3801 Trailmobile Dr. (City) Houston (State) Texas (Zip) 77013
(Signed) James All (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

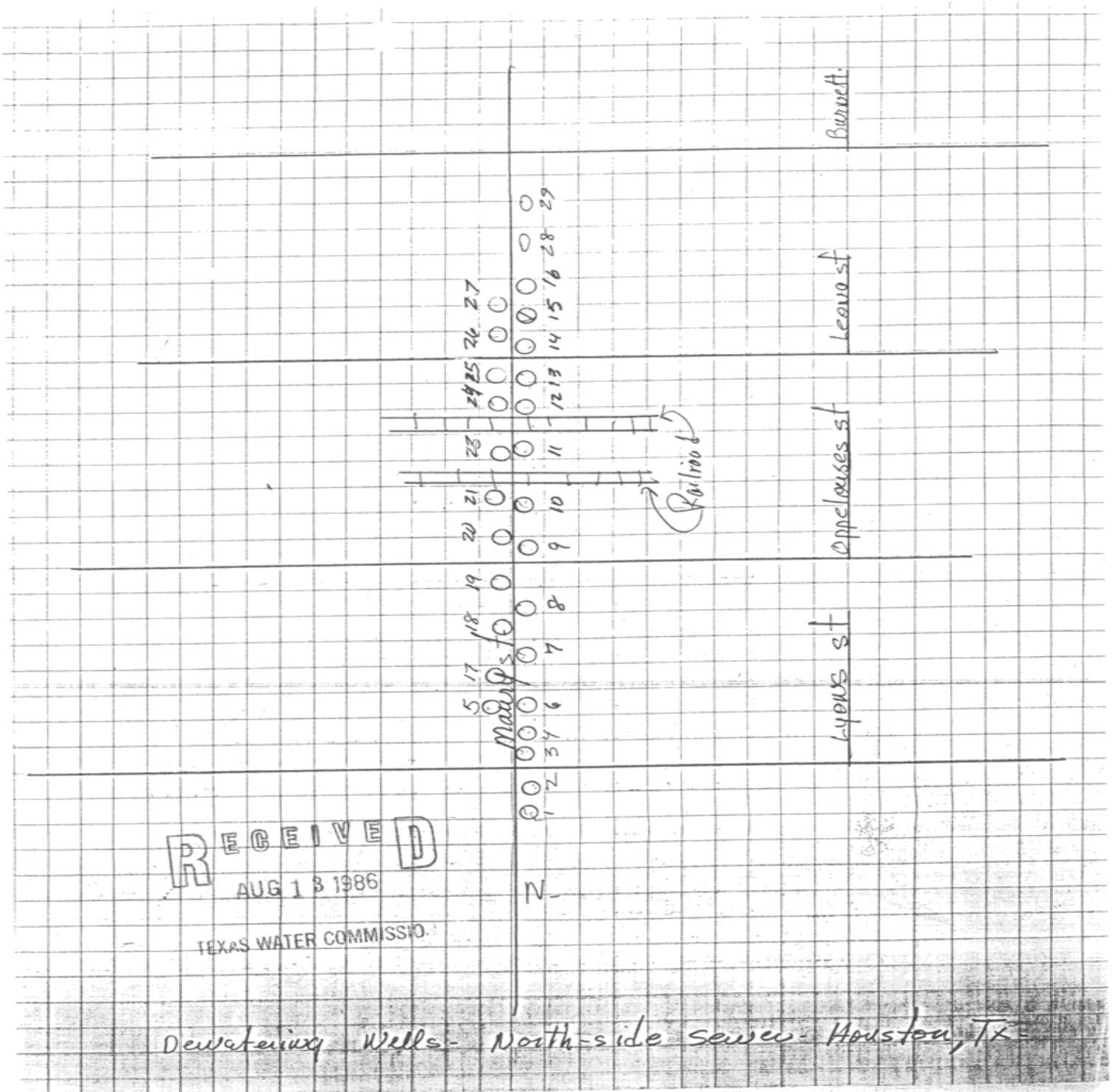
Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use Well No. 65-14-7 Located on map _____

RECEIVED
AUG 13 1986

TEXAS WATER COMMISSION

TWC-0392 (Rev. 06-10-85)

TEXAS WATER COMMISSION COPY



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 31 Distance from Property: 0.79 mi. NNE

ID NUMBER: TX205268
STATE ID : 65-14-7
OWNER NAME: GREENFIELD CONST. WELL #1
DATE DRILLED: 05/21/1986
DEPTH DRILLED: 69'
STATIC LEVEL: 13.5'
WATER USAGE: DE-WATERING
LONGITUDE: -95.349454000
LATITUDE: 29.771331000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205268

Please use black ink. Send original copy by certified mail to the Texas Water Commission P.O. Box 13067 Austin, Texas 78711

State of Texas
WATER WELL REPORT
Texas Water Well Drillers Board
P. O. Box 13067
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Greenfield Court. (Name) Address _____ (City) (State) (Zip)

2) LOCATION OF WELL: County Harris Direction from Houston (Town)

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Monitor Irrigation Test Well Injection Other Downgrading

5) DRILLING METHOD (Check): Driven Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other _____

6) WELL LOG: Date Drilling: Started 5-21-1986 Completed 5-21-1986

DIAMETER OF HOLE		Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mat., if commercial	Setting (ft.)		Gage Casing Screen
Dia. (in.)	From (ft.)					To (ft.)	From	
		<u>0 - 5 Rock & Gravel</u>						
		<u>5 - 32 Red & White Clay</u>						
		<u>32 - 33 Sand Rock</u>						
		<u>33 - 69 Fine Brown Sand</u>						

7) BOREHOLE COMPLETION: Open Hole Straight Wall Underreamed Gravel Packed Other _____

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

9) CEMENTING DATA: [Rule 319.44(b)] Cemented from _____ ft. to _____ ft. No. of Sacks Used _____ Method used _____ Cemented by NONE

10) SURFACE COMPLETION: Specified Surface Slab Installed [Rule 319.44(c)] Pitless Adapter Used [Rule 319.44(d)] Approved Alternative Procedure Used [Rule 319.71] NONE

11) WATER LEVEL: Static level 13 1/2 ft. below land surface Date 5-21-86 Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____ NONE

13) TYPE PUMP: Turbine Jet Submersible Cylinder Other _____ Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS: Type Test: Pump Bailor Jetted Estimated Yield: 20 gpm with 106 ft. drawdown after _____ hrs.

15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? Yes No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

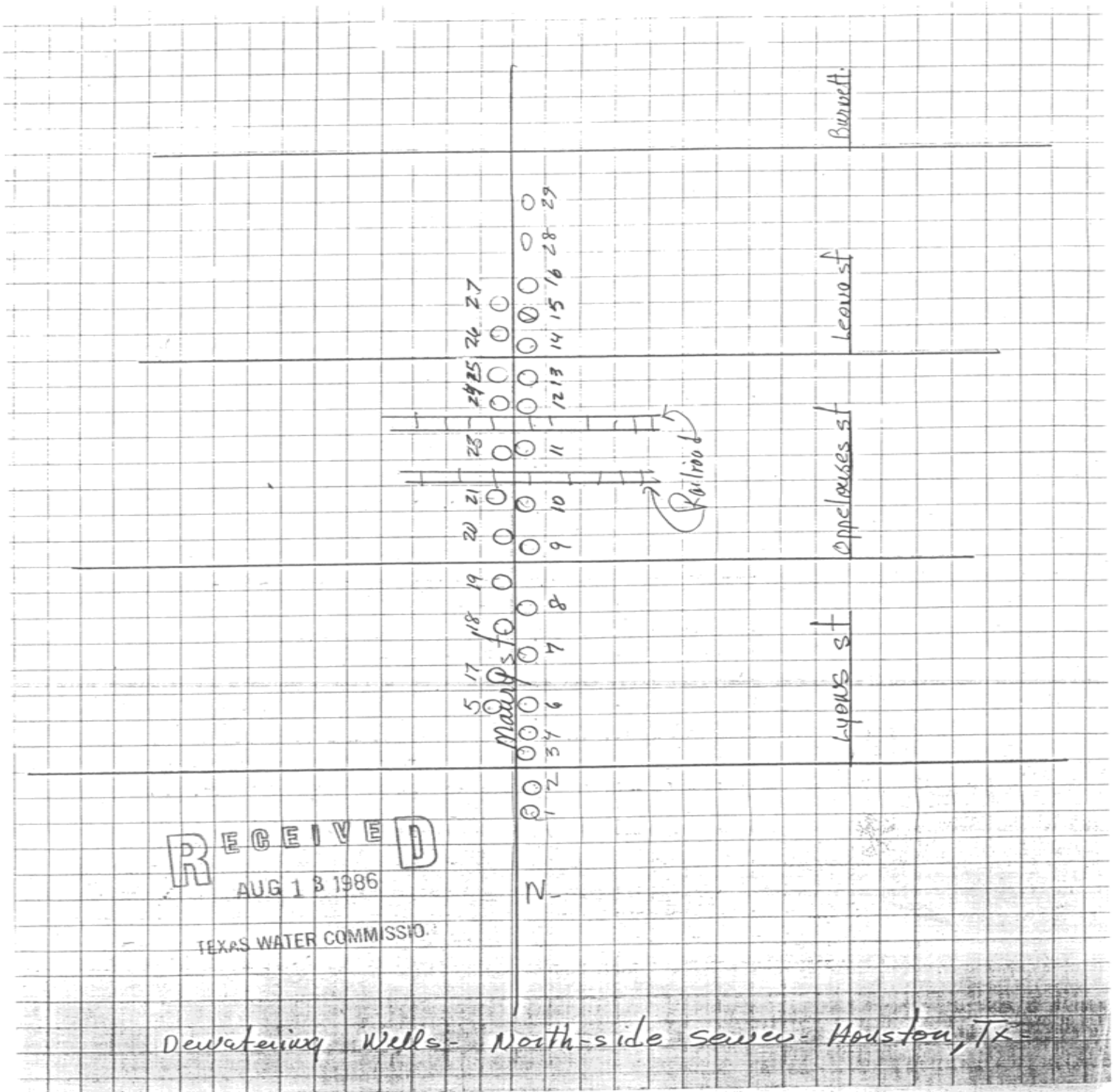
COMPANY NAME Stang Drilling Inc. Water Well Driller's License No. 2644W

ADDRESS 3801 Trailmobile Dr. (City) Houston (State) Texas (Zip) 77013

Signed [Signature] (Licensed Water Well Driller) (Registered Driller Trainee)

For TWC use only: Well No. 65-14-7 Located on map _____

992 (Rev. 06-10-85) TEXAS WATER COMMISSION COPY



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 32 Distance from Property: 0.81 mi. NNE

ID NUMBER: TX205272
STATE ID : 65-14-7
OWNER NAME: GREENFIELD CONSTRUCTION WELL #5
DATE DRILLED: 06/03/1986
DEPTH DRILLED: 74'
STATIC LEVEL: 47'
WATER USAGE: DE-WATERING
LONGITUDE: -95.349830000
LATITUDE: 29.771738000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205272

Please use black ink. Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

**State of Texas
WATER WELL REPORT**

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER: Greenfield Construction (Name) Address: _____ (Street or RFD) _____ (City) _____ (State) _____ (Zip)

2) LOCATION OF WELL: County: Harris miles in _____ direction from Houston (Town)

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other: Decontamination

5) DRILLING METHOD (Check): Driven Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other _____

6) WELL LOG: Date Drilling: Started 6-3 1986 Completed 6-3 1986

From (ft.)	To (ft.)	DIAMETER OF HOLE	
		Dia. (in.)	To (ft.)
0-4	4	15"	74
4-7	7		
7-32	32		
32-33	33		
33-69	69		
69-74	74		

7) BOREHOLE COMPLETION: Open Hole Straight Wall Underreamed Gravel Packed Other _____

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mat., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
6	N	P.V.C.	5 1/2	7 1/2	1000

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
Method used: NONE
Cemented by: _____

10) SURFACE COMPLETION: Specified Surface Slab Installed [Rule 319.44(c)] Pitless Adapter Used [Rule 319.44(d)] Approved Alternative Procedure Used [Rule 319.71] NONE

11) WATER LEVEL: Static level 47 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____ NONE

13) TYPE PUMP: Turbine Jet Submersible Cylinder
Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS: Type Test: Pump Bailor Jetted Estimated
Yield: 20 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME: Stang Decontamination Inc Water Well Driller's License No. 2644(L)

ADDRESS: 3801 Trailmobile Dr. (Street or RFD) Houston (City) Texas (State) 77013 (Zip)

(Signed) [Signature] (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use: Well No. 65-147 Located on map _____

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TEXAS WATER COMMISSION

TWC-0392 (Rev. 06-10-85)

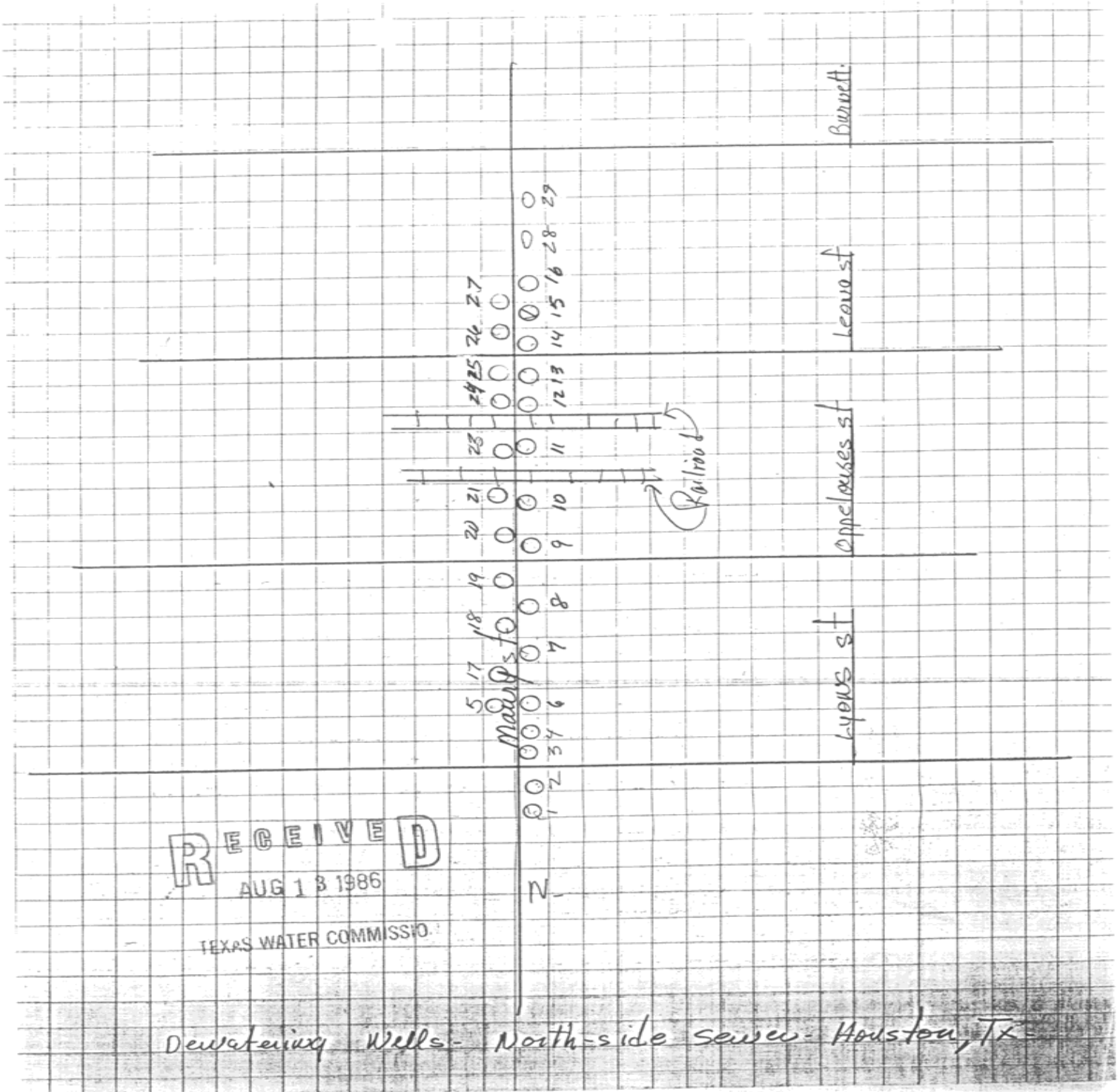
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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205272



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 32 Distance from Property: 0.83 mi. NNE

ID NUMBER: TX205273
STATE ID : 65-14-7
OWNER NAME: GREENFIELD CONSTRUCTION WELL #6
DATE DRILLED: 06/06/1986
DEPTH DRILLED: 75'
STATIC LEVEL: 37'
WATER USAGE: DE-WATERING
LONGITUDE: -95.349473000
LATITUDE: 29.771998000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205273

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**State of Texas
WATER WELL REPORT**

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

Well # 6
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER: Greenfield Construction Address _____ (City) _____ (State) _____ (Zip)

2) LOCATION OF WELL: County Harris _____ miles in _____ direction from Houston (Town)

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Monitor Public Supply Decontamination Irrigation Test Well Injection

5) DRILLING METHOD (Check): Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other _____

6) WELL LOG: Date Drilling: Started 6-6-1986 Completed 6-6-1986

From (ft.)	To (ft.)	DIAMETER OF HOLE		Description and color of formation material
		Dia. (in.)	From (ft.) To (ft.)	
0-2	2		Surface	Gravel
2-7	7	15"	75	Blue Clay
7-30	30			Red Clay
30-41	41			Brown Sand
41-42	42			Sand Stone
42-47	47			Red Clay
47-51	51			Brown Sand
51-60	60			Red Clay
60-68	68			Brown Sand
68-75	75			Red Clay

7) BOREHOLE COMPLETION: Open Hole Straight Wall Underreamed Gravel Packed Other _____

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mesh, if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
6 N		P.V.C.	0	51	5440
6 N		P.V.C.	51	71	1020

9) CEMENTING DATA [Rule 319.44(b)]: Cemented from _____ ft. to _____ ft. No. of Sacks Used _____ Method used NONE

10) SURFACE COMPLETION: Specified Surface Slab Installed [Rule 319.44(c)] Pitless Adapter Used [Rule 319.44(d)] Approved Alternative Procedure Used [Rule 319.71] NONE

11) WATER LEVEL: Static level 37 ft. below land surface Date 6-6-86

12) PACKERS: Type NONE Depth _____

13) TYPE PUMP: Turbine Jet Submersible Cylinder Other _____ Depth to pump bowl, cylinder, jet, etc., _____ ft.

14) WELL TESTS: Type Test: Pump Bailor Jetted Estimated Yield: 18 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? No Yes. If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? Yes No

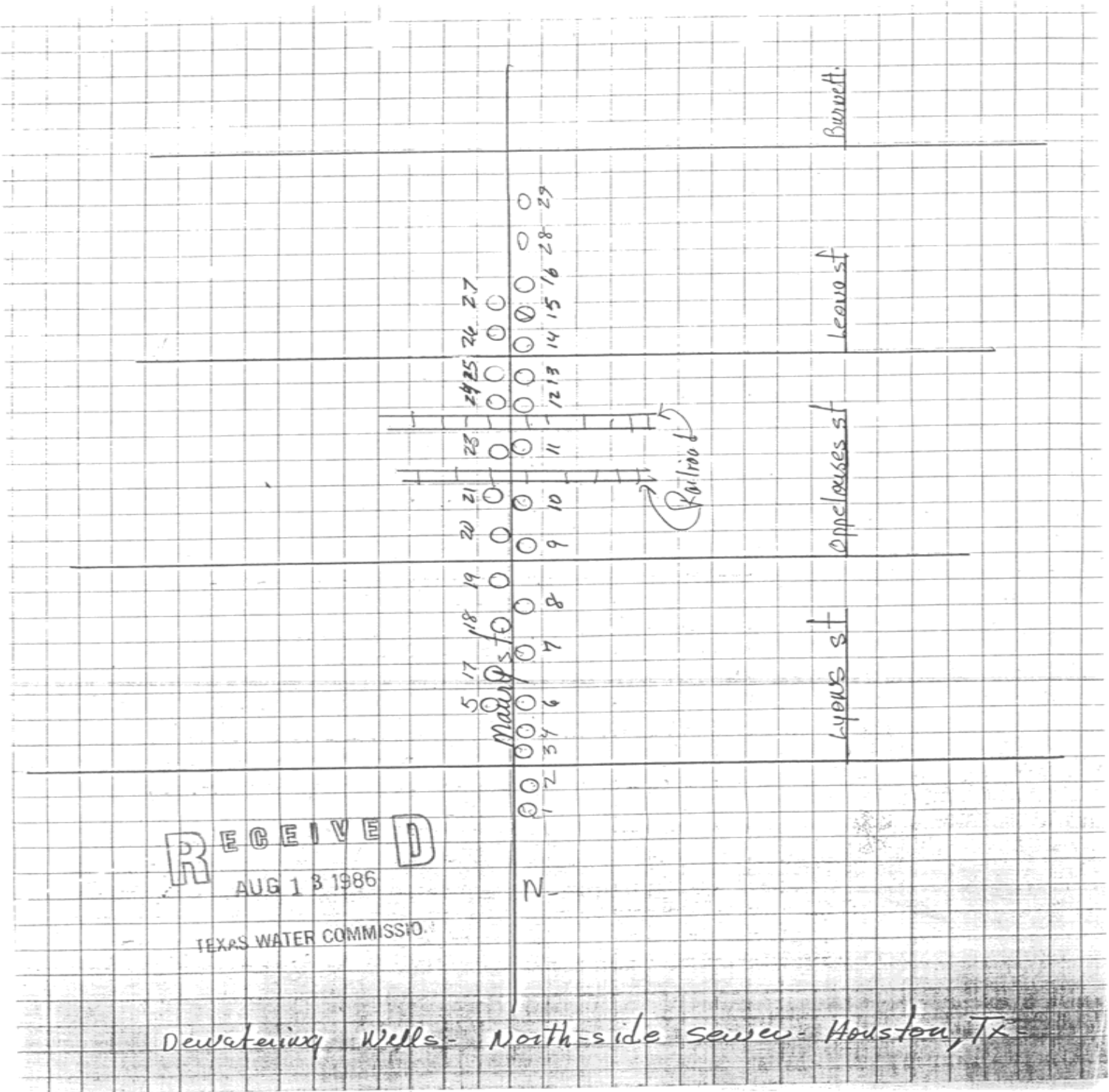
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Stang Hydraulics Inc. Water Well Driller's License No. 2644 W

ADDRESS 3801 Trailmobile Dr. (City) Houston (State) Texas (Zip) 77013

(Signed) [Signature] (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use Well No. 65-14-7 Located on map



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 32 Distance from Property: 0.82 mi. NNE

ID NUMBER: TX205284
STATE ID : 65-14-7
OWNER NAME: GREENFIELD CONST. WELL #17
DATE DRILLED: 06/27/1986
DEPTH DRILLED: 70'
STATIC LEVEL: 40'
WATER USAGE: DE-WATERING
LONGITUDE: -95.349829000
LATITUDE: 29.771888000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205284

Please use black ink. Send original copy by certified mail to the Texas Water Commission, P.O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT
Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

WELL # 17
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER: Green Field Const. (Name) Address: Houston TX (City) (State) (Zip)

2) LOCATION OF WELL: County: Harris (County) miles in: _____ direction from: Houston (Town)

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other: Dewatering

5) DRILLING METHOD (Check): Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other _____

6) WELL LOG: Date Drilling: Started 6-27 1986 Completed 6-27 1986

DIAMETER OF HOLE		7) BOREHOLE COMPLETION:	
From (ft.)	To (ft.)	Surface	Interval
0	1	15"	70'

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slots, etc.	Setting (ft.)	Gage Casing Screen
0	1	Sand & Gravel					
1	4	Blue Clay	6	N	P.V.C. Riser	0	49
4	34	Red & White Clay	6	N	P.V.C. Screen	49	69
34	35	Sand Stone					
35	69	Brown Sand					
69	70	Red Clay					

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
Method used: None

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)] None
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level: 40 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: Pump Bailor Jetted Estimated
Yield: _____ gpm with 126 ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME: Stang Dewatering (Type or Print) Water Well Driller's License No. 2644-LW
ADDRESS: 3801 Trailmobile Dr. (Street or RFD) Houston (City) Texas (State) 77025 (Zip)
(Signed) Spring Allen (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)
Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use only: Well No. 65-14-7 Located on map _____

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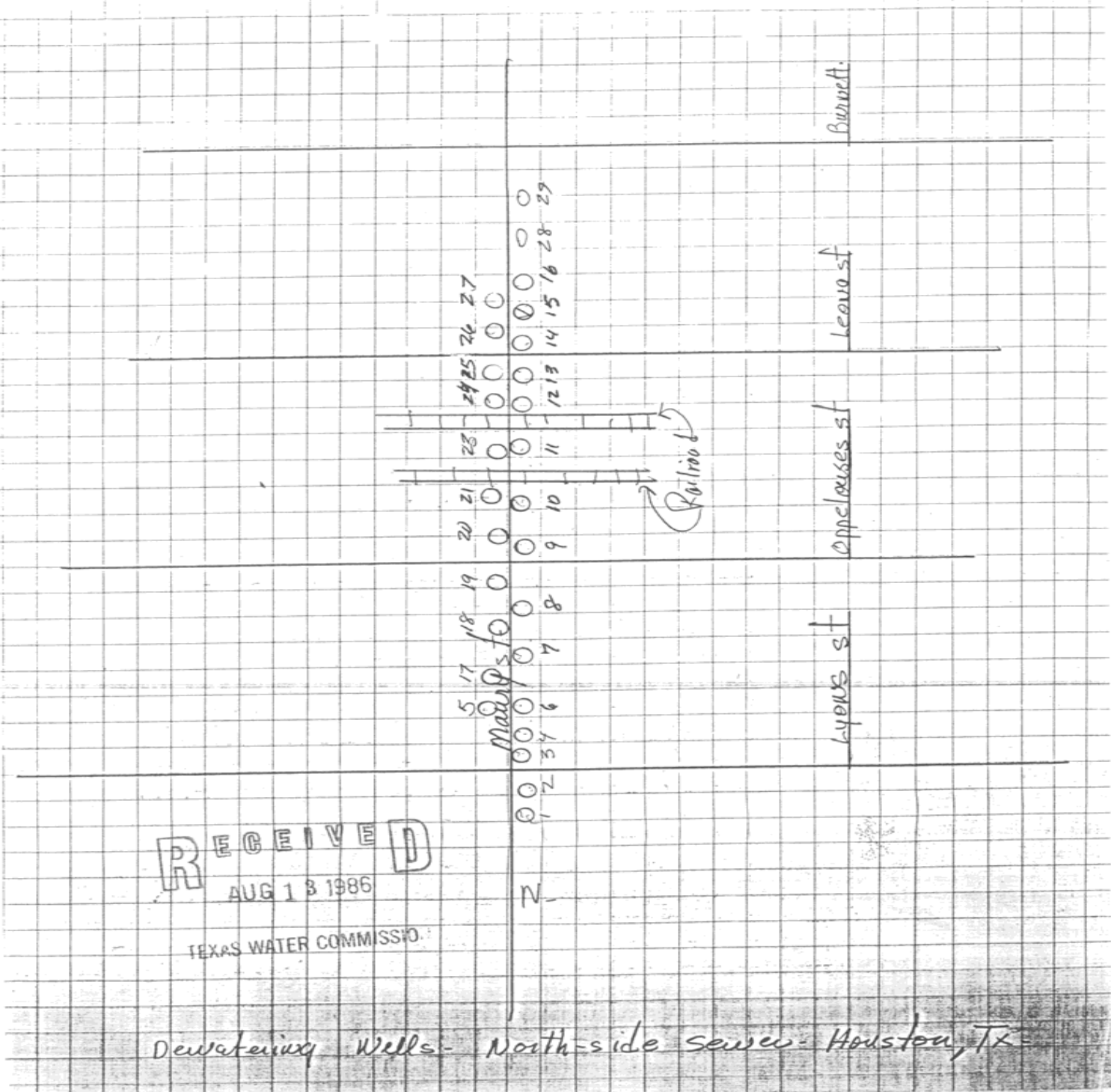
TEXAS WATER COMMISSION
(Use reverse side if necessary)

TWC-0392 (Rev. 06-10-85)

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205284



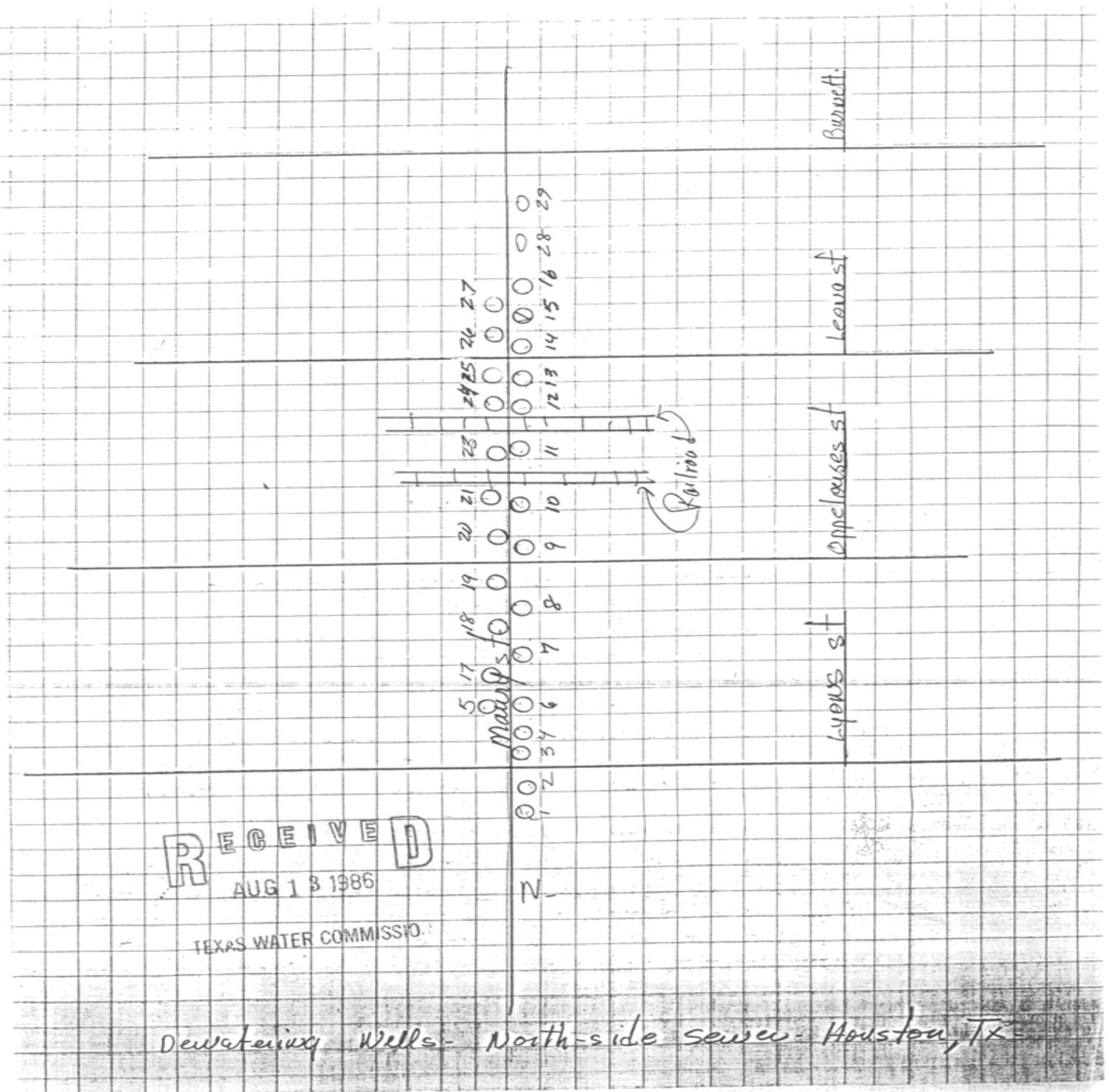
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 32 Distance from Property: 0.83 mi. NNE

ID NUMBER: TX205285
STATE ID : 65-14-7
OWNER NAME: GREENFIELD CONST. WELL #18
DATE DRILLED: 06/28/1986
DEPTH DRILLED: 74'
STATIC LEVEL: 43'
WATER USAGE: DE-WATERING
LONGITUDE: -95.349829000
LATITUDE: 29.772034000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205285



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205285

Please use black ink. Send original copy by certified mail to the Texas Water Commission, P.O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER GreenField Const (Name) Address Houston TX (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles in 6.5 direction from Houston (Town)

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other Dewatering

5) DRILLING METHOD (Check): Driven Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other

6) WELL LOG: Date Drilling: Started 6-28 1986 Completed 6-28 1986

From (ft.)	To (ft.)	DIAMETER OF HOLE	
		Dia. (in.)	From (ft.) To (ft.)
		Surface	
		15"	74

7) BOREHOLE COMPLETION: Open Hole Straight Wall Underreamed Gravel Packed Other

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mat., if commercial	Setting (ft.)		Gage Casing Screen
						From	To	
0-1		Gravel						
1-4		Blue Clay			6 N P.V.C. RISER	0	52	
4-34		Red & White Clay			6 N P.V.C. SCREEN	52	72	1000
34-35		Sand Stone						
35-37		Sand						
37-38		Sand Stone						
38-72		BROWN SAND						
72-74		Red Clay						

9) CEMENTING DATA [Rule 319.44(b)]: Cemented from ___ ft. to ___ ft. No. of Sacks Used ___ Method used NONE

10) SURFACE COMPLETION NONE: Specified Surface Slab Installed [Rule 319.44(c)] Pitless Adapter Used [Rule 319.44(d)] Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL: Static level 43 ft. below land surface Date ___ Artesian flow ___ gpm. Date ___

12) PACKERS: Type NONE Depth ___

13) TYPE PUMP: Turbine Jet Submersible Cylinder Other Depth to pump bowls, cylinder, jet, etc., ___ ft.

14) WELL TESTS: Type Test: Pump Bailor Jetted Estimated Yield: ___ gpm with total drawdown after ___ hrs.

15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? Yes No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? ___ Depth of strata ___ Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Stang Dewatering Water Well Driller's License No. 2644W

ADDRESS 3801 Frailmobile Dr. (Street or RFD) Houston (City) Texas (State) 77013 (Zip)

(Signed) Jimmy [Signature] (Licensed Water Well Driller) (Signed) ___ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use on Well No. 65-14-7 Located on map

TWC-0392 (Rev. 06-10-85)

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 32 Distance from Property: 0.83 mi. NNE

ID NUMBER: TX205271
STATE ID : 65-14-7
OWNER NAME: GREENFIELD CONST. WELL #4
DATE DRILLED: 06/02/1986
DEPTH DRILLED: 73'
STATIC LEVEL: 45'
WATER USAGE: DE-WATERING
LONGITUDE: -95.349473000
LATITUDE: 29.771900000
2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205271

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State of Texas
WATER WELL REPORT

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

well #4
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER: Greenfield Const. Address _____ (City) _____ (State) _____ (Zip)

2) LOCATION OF WELL: County Harris miles in _____ direction from Houston (Town)

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
 See attached map. 65-14-7

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other: Drilling

5) DRILLING METHOD (Check): Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other _____

6) WELL LOG: Date Drilling: Started 6-2-86 Completed 6-2-86

DIAMETER OF HOLE		7) BOREHOLE COMPLETION:	
From (ft.)	To (ft.)	<input type="checkbox"/> Open Hole	<input type="checkbox"/> Straight Wall
0	5	<input checked="" type="checkbox"/> Gravel Packed	<input type="checkbox"/> Underreamed
5	41	If Gravel Packed give interval ... from <u>10</u> ft. to <u>73</u> ft.	

Description and color of formation material		Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mat., if commercial	Setting (ft.)		Gage Casing Screen
From (ft.)	To (ft.)				From	To	
0	5				53	73	100
5	41						
41	68 1/2						
68 1/2	73						

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
Method used NONE

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)] NONE
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 45 ft. below land surface Date 6-2-86
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: Pump Bailor Jetted Estimated
Yield: 20 gpm with total ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER".
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Stang Drilling Inc. Water Well Driller's License No. 2644W
ADDRESS 3801 Trailmobile Dr. (City) Houston (State) Texas (Zip) 77013
(Signed) Johnny Allen (Registered Driller Trainee) For TWC use only Well No. 65-14-7 Located on map _____

RECEIVED
AUG 13 1986

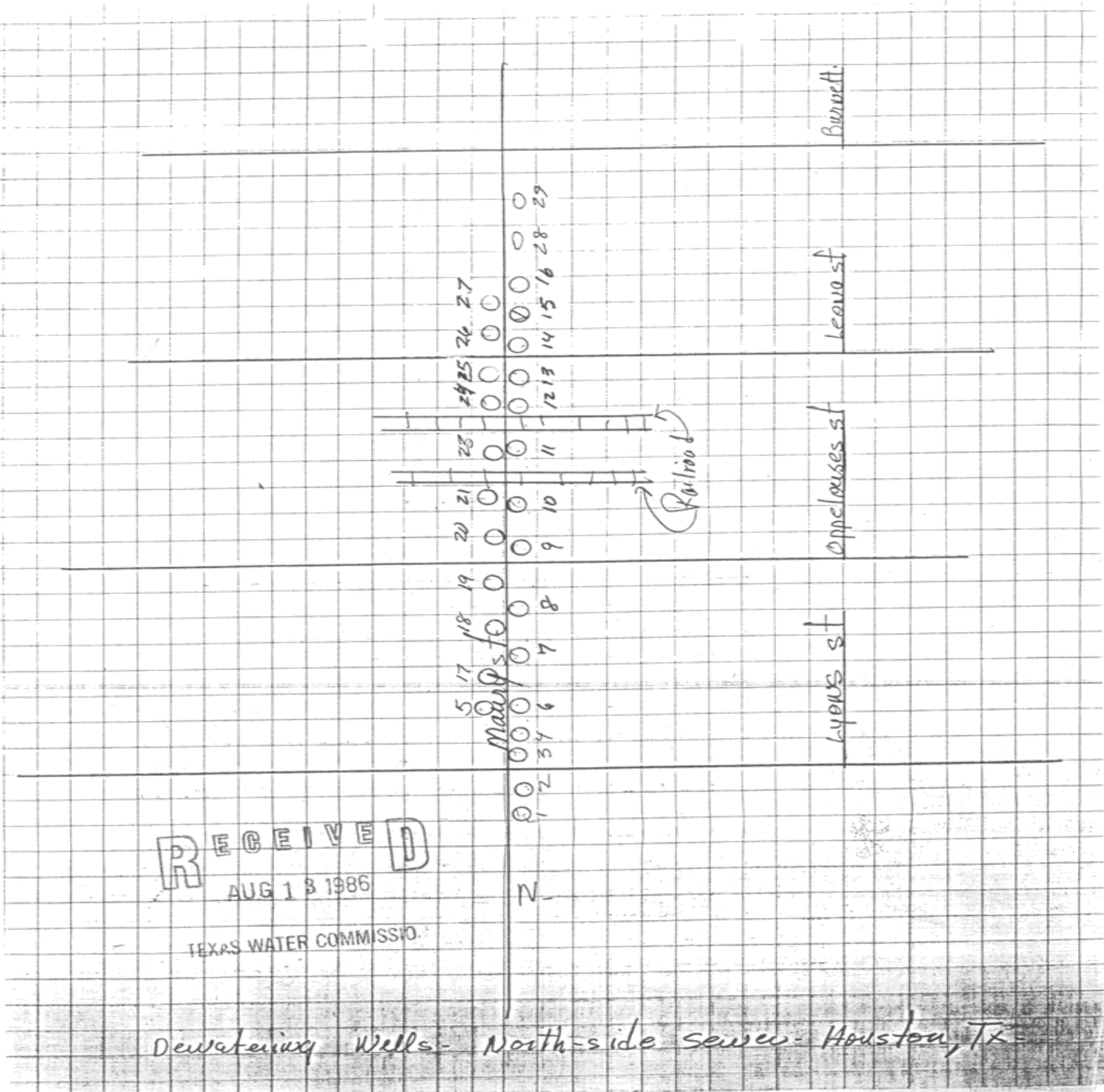
TEXAS WATER COMMISSION
(Use reverse side if necessary)

TWC-0392 (Rev. 06-10-85)

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 33 Distance from Property: 0.84 mi. NNE

ID NUMBER: TX205274
STATE ID : 65-14-7
OWNER NAME: GREENFIELD CONSTRUCTION WELL #7
DATE DRILLED: 06/11/1986
DEPTH DRILLED: 75'
STATIC LEVEL: 43'
WATER USAGE: DE-WATERING
LONGITUDE: -95.349473000
LATITUDE: 29.772083000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205274

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State of Texas
WATER WELL REPORT
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

Texas Water Well Drillers Board
P. O. Box 13067
Austin, Texas 78711

1) OWNER: Greenfield Const. (Name) Address: _____ (Street or RFD) _____ (City) _____ (State) _____ (Zip)

2) LOCATION OF WELL: County Harris miles in _____ direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other: Deaerating

5) DRILLING METHOD (Check): Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other _____

6) WELL LOG: Date Drilling: Started 6-11-86 Completed 6-11-86

From (ft.)	To (ft.)	DIAMETER OF HOLE		Description and color of formation material
		Di. (in.)	To (ft.)	
0	1			Sand & Gravel
1	4			Blue Clay
4	24	15"	25'	Red & White Clay
24	74			Brown Sand & some clay
74	75			Red Clay

7) BOREHOLE COMPLETION: Open Hole Straight Wall Underreamed Gravel Packed Other _____

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mat., if commercial	Setting (ft.)		Cage Casing Screen
			From	To	
6 N		P.V.C.	0	54	54
6 N		P.V.C.	54	74	74

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
Method used: NONE

10) SURFACE COMPLETION: Specified Surface Slab Installed [Rule 319.44(c)] Pitless Adapter Used [Rule 319.44(d)] Approved Alternative Procedure Used [Rule 319.71] NONE

11) WATER LEVEL: Static level 43 ft. below land surface Date 6-11-86

12) PACKERS: Type _____ Depth _____ NONE

13) TYPE PUMP: Turbine Jet Submersible Cylinder

14) WELL TESTS: Type Test: Pump Bailor Jetted Estimated Yield: 20 gpm with total drawdown after _____ hrs.

15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? Yes No

RECEIVED
AUG 13 1986
TEXAS WATER COMMISSION

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME: Strong Deaerating Water Well Driller's License No. 2644 W

ADDRESS: 3801 Frailmobile Dr. Houston Texas 77013

(Signed) Jimmy Ollie (Registered Driller Trainee)

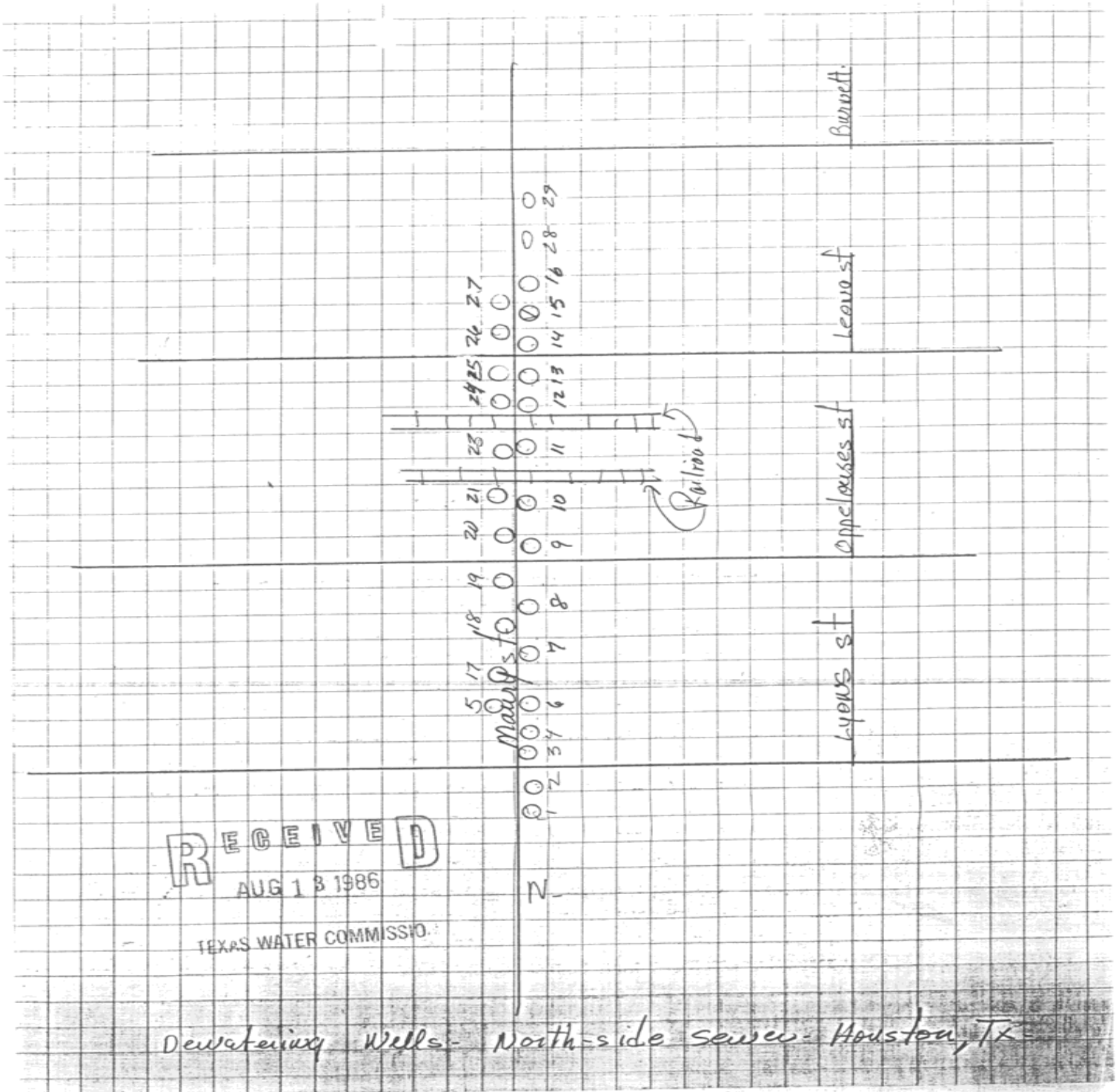
Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use Well No. 65-14-7 Located on map _____

TWC-0392 (Rev. 06-10-85)

TEXAS WATER COMMISSION COPY



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 34 Distance from Property: 0.82 mi. S

WELL ID: 5748
OWNERS NAME: HBS WAREHOUSE ASSOCIATES
YEAR DRILLED: 1996
DEPTH DRILLED: 500'
STATIC LEVEL: 500'
WATER USAGE: OTHER
WELL STATUS: PLUGGED
LONGITUDE: -95.354998000
LATITUDE: 29.748211000
SOURCE: HGSD

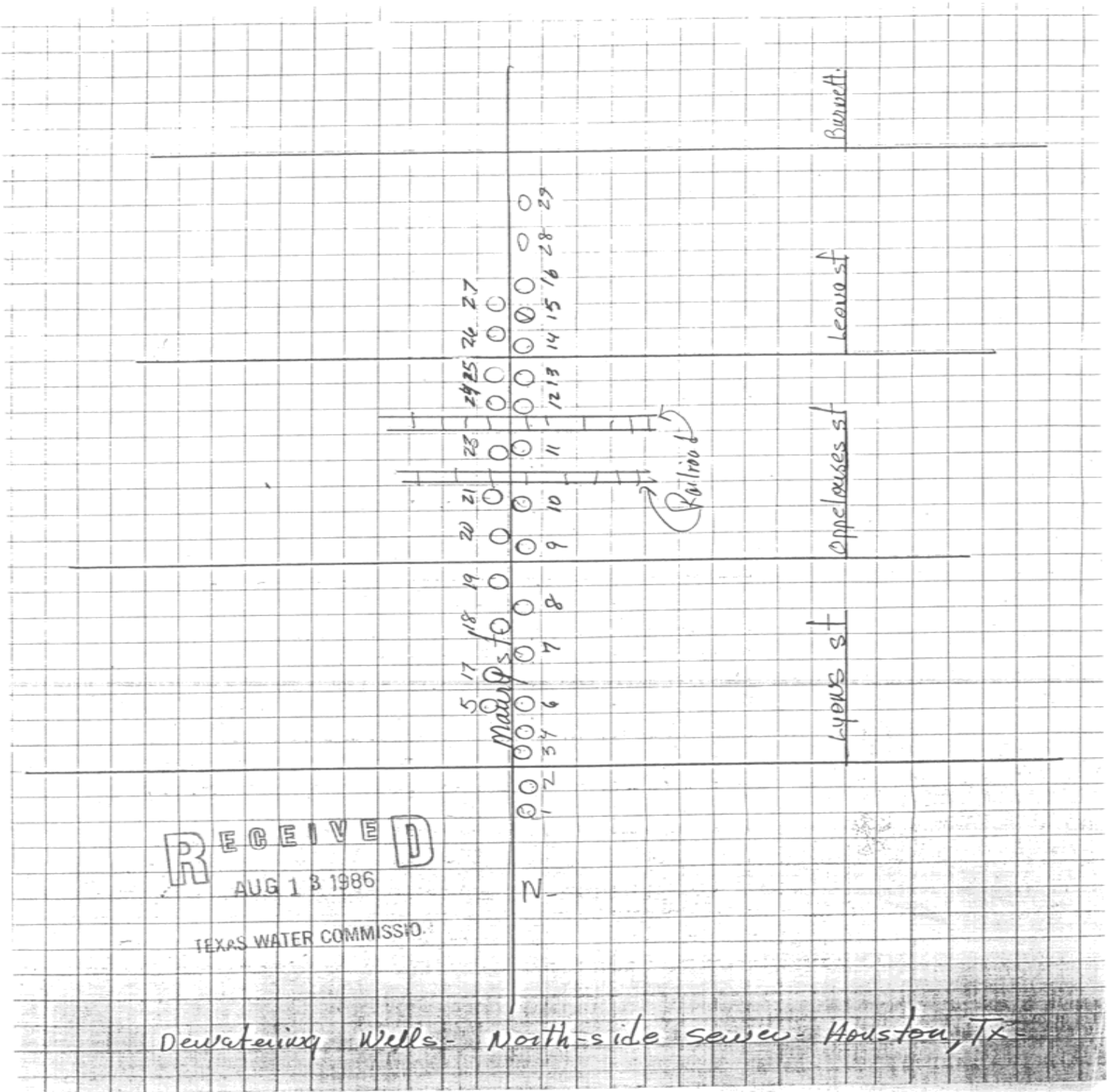


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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 35 Distance from Property: 0.86 mi. NNE

ID NUMBER: TX205286
STATE ID : 65-14-7
OWNER NAME: GREENFIELD CONST. WELL #19
DATE DRILLED: 07/01/1986
DEPTH DRILLED: 71'
STATIC LEVEL: 40'
WATER USAGE: DE-WATERING
LONGITUDE: -95.349838000
LATITUDE: 29.772425000
2 PAGE(S) OF DRILLERS' LOGS



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205286

Please use black ink. Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Greenfield Const (Name) Address Houston Texas (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles in _____ direction from Houston (Town)

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging
 Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other Dewatering

4) PROPOSED USE (Check):
 Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other Dewatering

5) DRILLING METHOD (Check):
 Driven Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other _____

6) WELL LOG:
 Date Drilling: Started 7-1 1986 Completed 7-1 1986
 DIAMETER OF HOLE: Dia. (in.) From (ft.) To (ft.)
 Surface 15" 71
 Description and color of formation material:
0-1 Gravel
1-5 Blue Clay
5-30 Red & White Clay
30-69 Brown Sand
69-71 Red Clay

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
 If Gravel Packed give interval ... from 10 ft. to 71 ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mat., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
<u>6 N</u>		<u>P.V.C. Riser</u>	<u>0</u>	<u>49</u>	
<u>6 N</u>		<u>P.V.C. Riser</u>	<u>49</u>	<u>69</u>	<u>200</u>

9) CEMENTING DATA [Rule 319.44(b)]
 Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
 Method used NONE
 Cemented by _____

10) SURFACE COMPLETION [Rule 319.44(c)]
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
 Static level 40 ft. below land surface Date _____
 Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
 Depth to pump bowl, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
 Type Test: Pump Bailor Jetted Estimated
 Yield: _____ gpm with 70 ft. drawdown after _____ hrs.

15) WATER QUALITY:
 Did you knowingly penetrate any strata which contained undesirable water? Yes No
 If yes, submit "REPORT OF UNDESIRABLE WATER"
 Type of water? _____ Depth of strata _____
 Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Stang Dewatering Inc. Water Well Driller's License No. 26446
 ADDRESS 3801 Trailmobile Dr. (Street or RFD) Houston (City) Texas (State) 77013 (Zip)
 (Signed) Sammy Allen (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use only: Well No. 65-14-7 Located on map _____

RECEIVED
AUG 13 1986

TEXAS WATER COMMISSION

TWC-0392 (Rev. 06-10-85)

TEXAS WATER COMMISSION COPY

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 35 Distance from Property: 0.86 mi. NNE

ID NUMBER: TX205275
STATE ID : 65-14-7
OWNER NAME: GREENFIELD CONSTRUCTION WELL #8
DATE DRILLED: 06/12/1986
DEPTH DRILLED: 73'
STATIC LEVEL: 45'
WATER USAGE: DE-WATERING
LONGITUDE: -95.349491000
LATITUDE: 29.772335000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205275

Please use black ink. Send original copy by certified mail to the Texas Water Commission P.O. Box 13067 Austin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

Texas Water Well Drillers Board
P. O. Box 13067
Austin, Texas 78711

1) OWNER Greenfield Const. (Name) Address _____ (Street or RFD) _____ (City) _____ (State) _____ (Zip)

2) LOCATION OF WELL: County Harris miles in _____ direction from Houston (Town)

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Monitor Public Supply Decontamination Irrigation Test Well Injection

5) DRILLING METHOD (Check): Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other _____

6) WELL LOG: Date Drilling: Started 6-12-86 Completed 6-12-86

From (ft.)	To (ft.)	DIAMETER OF HOLE	
		Dia. (in.)	From (ft.) To (ft.)
		15"	73'

7) BOREHOLE COMPLETION: Open Hole Straight Wall Underreamed Gravel Packed Other _____

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mat. if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
6 N		P.V.C. Pipe	0	52	56
6 N		P.V.C. SCREEN	52	72	820

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
Method used NONE

10) SURFACE COMPLETION: Specified Surface Slab Installed [Rule 319.44(c)] Pitless Adapter Used [Rule 319.44(d)] Approved Alternative Procedure Used [Rule 319.71] NONE

11) WATER LEVEL: Static level 45 ft. below land surface Date 6-12-86

12) PACKERS: Type _____ Depth NONE

13) TYPE PUMP: Turbine Jet Submersible Cylinder

14) WELL TESTS: Type Test: Pump Bailor Jetted Estimated
Yield: 20 gpm with total ft. drawdown after _____ hrs.

15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? Yes No

RECEIVED
AUG 13 1986
TEXAS WATER COMMISSION

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Stang Decontaminating Inc. Water Well Driller's License No. 2644W

ADDRESS 3801 Trailmobile Dr. (City) Houston (State) Texas (Zip) 77013

(Signed) James Cole (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use only: Well No. _____ Located on map 65-14-7

TWC-0392 (Rev. 06-10-85)

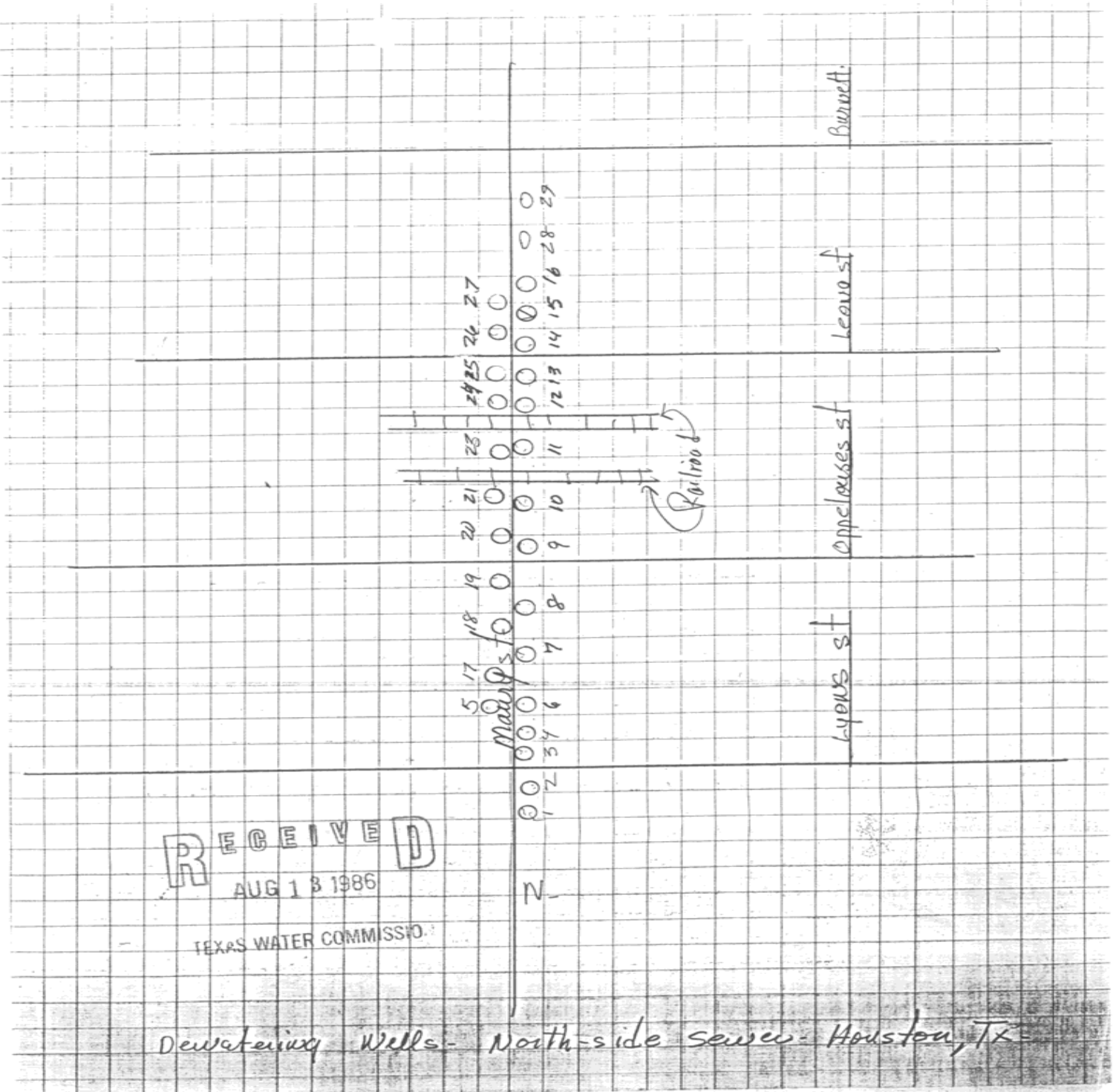
TEXAS WATER COMMISSION COPY



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205275



Dewatering Wells - North-side sewer - Houston, TX

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 36 Distance from Property: 0.84 mi. SE

ID NUMBER: TX205558
STATE ID : 65-22-5F
OWNER NAME: KENT WONG
DATE DRILLED: 10/19/1981
DEPTH DRILLED: 262'
STATIC LEVEL: 145'
WATER USAGE: DOMESTIC
LONGITUDE: -95.342613000
LATITUDE: 29.751904000

2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205558

Send original copy by certified mail to the Texas Department of Water Resources, P. O. Box 13087, Austin, Texas 78711		State of Texas WATER WELL REPORT		For TDWR use only Well No. <u>65-22-SF</u> Located on map <u>YES</u> Received: <u>C.R.S.</u>	
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side					
1) OWNER <u>Kent Wong</u> (Name)		Address <u>1201 Dallas</u> (Street or RFD)		<u>Houston Tx</u> (City) (State) (Zip)	
2) LOCATION OF WELL: County <u>Harris</u> <u>15</u> miles in <u>South</u> direction from <u>Spring</u> (N., E., S.W., etc.) (Town)					
Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.					
<input type="checkbox"/> Legal description: Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____ Distance and direction from two intersecting section or survey lines _____ <input checked="" type="checkbox"/> See attached map.					
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Public Supply <input type="checkbox"/> Irrigation <input type="checkbox"/> Test Well <input type="checkbox"/> Other _____		5) DRILLING METHOD (Check): <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Air Hammer <input type="checkbox"/> Driven <input type="checkbox"/> Bored <input type="checkbox"/> Air Rotary <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____	
6) WELL LOG: Date drilled <u>10-19-81</u>		DIAMETER OF HOLE Dia. (in.) From (ft.) To (ft.) Surface <u>6 3/4</u> <u>0</u> <u>262</u>		7) BOREHOLE COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input checked="" type="checkbox"/> Other <u>2 String</u> If Gravel Packed give interval . . . from _____ ft. to _____ ft.	
From (ft.) To (ft.) Description and color of formation material		8) CASING, BLANK PIPE, AND WELL SCREEN DATA:			
0 35 Top soil, clay		Dia. (in.) New or Used		Steel, Plastic, etc. Perl., Slotted, etc. Screen Mpt., if commercial	
35 56 Sand				Setting (ft.) From To	
56 130 Clay		4 N		PVC Well casing 0 252	
130 153 Sand		2 1/2 N		Slotted screen 252 262 #12	
153 188 Clay					
188 207 Sand					
207 223 Clay					
223 262 Sand					
262 286 Clay					
286 296 Sand					
CEMENTING DATA					
Cemented from <u>0</u> ft. to <u>252</u> ft.					
Method used <u>Pressure Cement</u>					
Cemented by <u>O. R. Billings</u> (Company or Individual)					
9) WATER LEVEL: Static level <u>145</u> ft. below land surface Date <u>10-19-81</u> Artesian flow _____ gpm. Date _____					
10) PACKERS: Type Depth <u>4 x 2 1/2 K-Packers Rubber 250</u>					
11) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other <u>NOPUMP</u> Depth to pump bowls, cylinder, jet, etc., _____ ft.					
12) WELL TESTS: <u>NONE</u> <input type="checkbox"/> Type Test: <input type="checkbox"/> Pump <input type="checkbox"/> Bailor <input type="checkbox"/> Jetted <input type="checkbox"/> Estimated Yield: _____ gpm with _____ ft. drawdown after _____ hrs.					
13) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.					
NAME <u>O. R. Billings</u> (Type or Print)		Water Well Drillers Registration No. <u>1929</u>			
ADDRESS <u>25330 Richard Rd.</u> (Street or RFD)		<u>Spring</u> (City)		<u>Texas 77373</u> (State) (Zip)	
(Signed) <u>O.R. Billings</u> (Water Well Driller)		<u>All Weather Water Well, Inc.</u> (Company Name)			

DWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 37 Distance from Property: 0.84 mi. S

WELL ID: **5862**
OWNERS NAME: **E.J. GROUP LLC**
YEAR DRILLED: **1982**
DEPTH DRILLED: **180'**
STATIC LEVEL: **170'**
WATER USAGE: **AGRICULTURAL IRRIGATION**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.354035000**
LATITUDE: **29.747814000**
SOURCE: **HGSD**



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 37 Distance from Property: 0.84 mi. S

ID NUMBER: TX199448
STATE ID : 65-14-7L
OWNER NAME: CALCO OF HOUSTON INC
DATE DRILLED: 01/24/1983
DEPTH DRILLED: 350'
STATIC LEVEL: 350'
WATER USAGE: DOMESTIC
LONGITUDE: -95.354035000
LATITUDE: 29.747814000

3 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 3
Water Well ID: 199448

65-14-7L

Send original copy to:
certified mail to:
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Calco of Houston Inc Address 25000 Holles Houston TX 77003
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles in _____ direction from _____
(N.E., S.W., etc.) (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map.

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Public Supply Irrigation Test Well Other _____

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored Air Rotary Cable Tool Jetted Other _____

6) WELL LOG:
Date drilled 1-24-83

From (ft.)	To (ft.)	Description and color of formation material	DIAMETER OF HOLE	
			From (ft.)	To (ft.)
0	18	T-Sand & clay	8	0
18	24	Sand		350
24	30	clay		
30	53	sand		
53	134	clay		
134	152	sand		
152	187	clay		
187	206	sand		
206	215	clay		
215	263	sand		
263	286	clay		
286	297	sand		
297	320	clay		
320	350	sand		

7) BOREHOLE COMPLETION:
 Open Hole Straight Well Underreamed
 Gravel Packed Other String
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
5 1/4	N	PVC casing	0	330	
4 1/4	N	Plastic pipe	330	350	8

CEMENTING DATA
Cemented from 0 ft. to 330 ft.
Method used Pregason
Cemented by OK Billings
(Company or Individual)

9) WATER LEVEL:
Static level 180 ft. below land surface Date 1-26-83
Artesian flow _____ gpm. Date _____

10) PACKERS: Type 5x3 K Packer Depth 328

11) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc., 273 ft.

12) WELL TESTS:
 Type Test Pump Bailor Jetted Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata? _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME ALLWEATHER W.W. Inc Water Well Driller's License No. 1929
(Type or Print)

ADDRESS 25330 Richard Rd Spring TX 77378
(Street or RFD) (City) (State) (Zip)

(Signed) OK Billings (Signed) _____
(Licensed Water Well Driller) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 65-14-7L
Located on map 25 C.F.S.

1392 (Rev. 5-27-82)

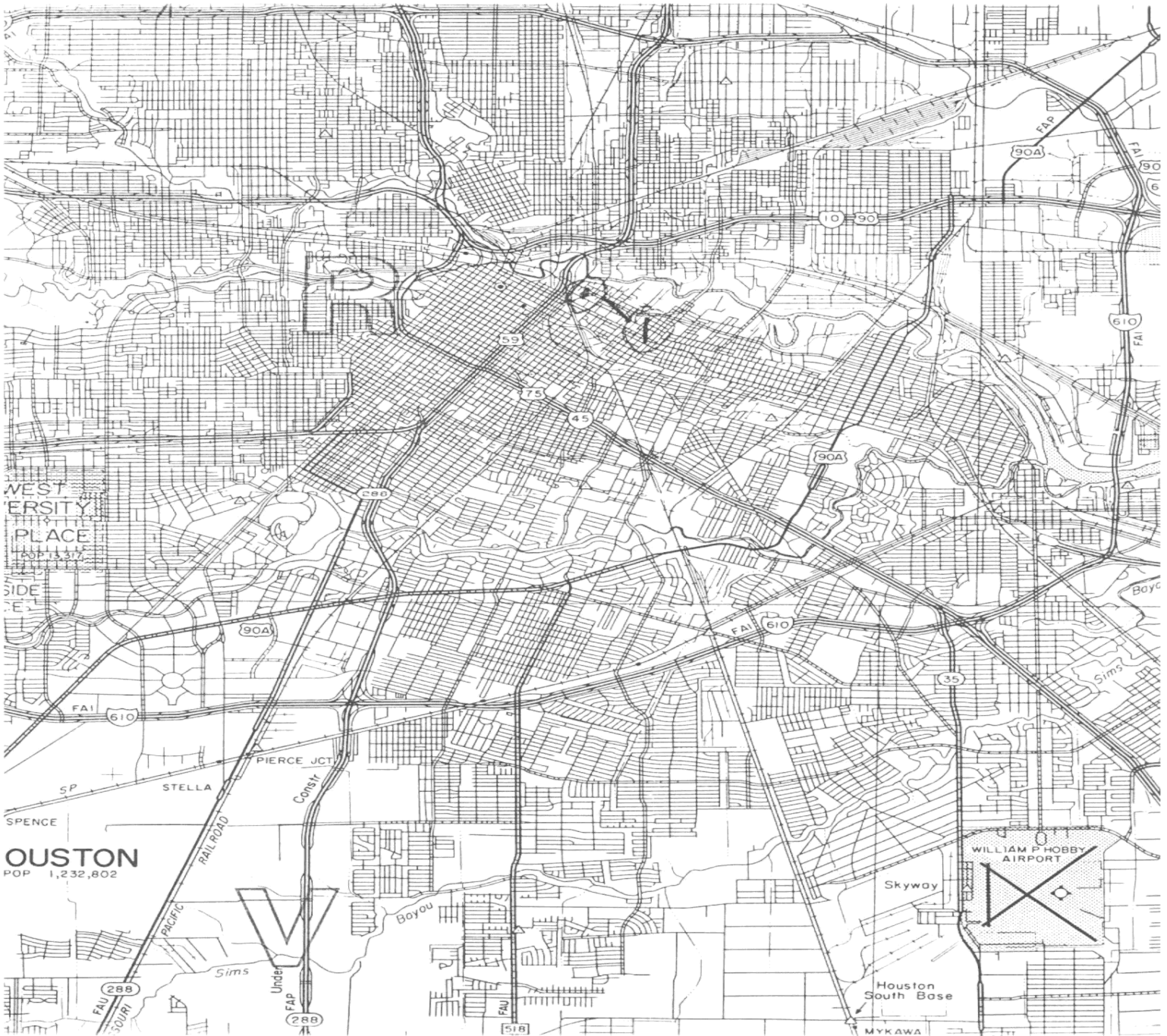
DEPARTMENT OF WATER RESOURCES COPY



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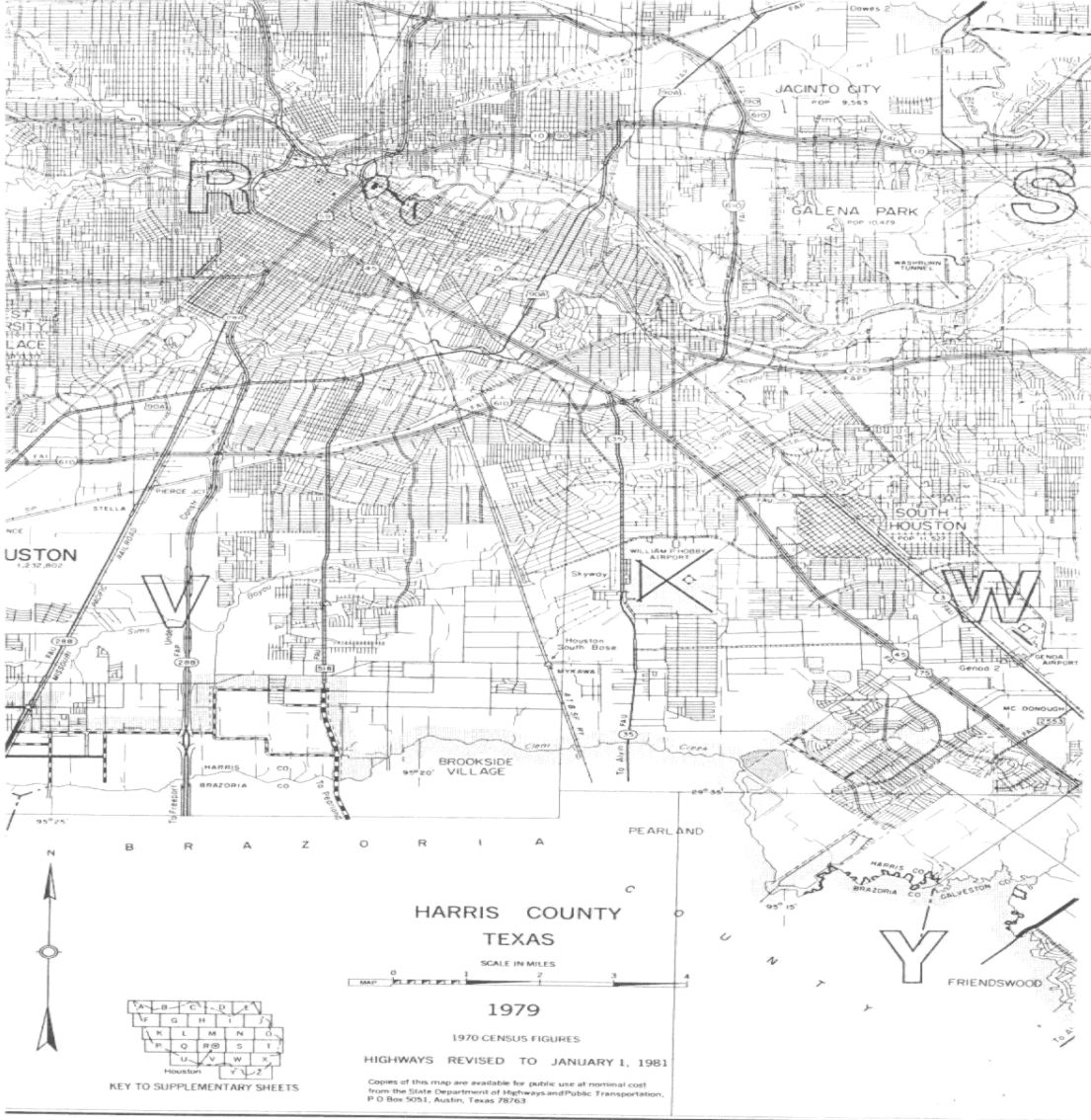
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 3
Water Well ID: 199448



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 3 out of 3
Water Well ID: 199448



HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 37 Distance from Property: 0.84 mi. S

WELL ID: **5861**
OWNERS NAME: **E.J. GROUP LLC**
YEAR DRILLED: **1980**
DEPTH DRILLED: **200'**
STATIC LEVEL: **150'**
WATER USAGE: **AGRICULTURAL IRRIGATION**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.354035000**
LATITUDE: **29.747814000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 38 Distance from Property: 0.85 mi. W

STATE ID: **65-14-719**
OWNER'S NAME: **OIL & GAS BUILDING**
DATE DRILLED: **00/00/1939**
DEPTH DRILLED: **986'**
WATER USAGE: **OTHER**
LONGITUDE: **-95.367360000**
LATITUDE: **29.757880000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514719/6514719.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-719

Texas Water Development Board Well Schedule

State Well Number 6514719 Previous Well Number _____ County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294527 Longitude 952202 Source of Coords 2

Owner's Well No. _____ Location _____

Owner
Oil & Gas Building

Driller
Texas Water Supply Corp.

Address _____ Tenant/Oper. _____

Date Drilled / /1939 Depth 986 Source of Depth _____ Altitude 52 Source of Alt. _____
Well Type W User _____

WELL CONSTRUCTION Const-Method _____ Completion _____ Casing Material _____ Screen Material _____ Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - TURBINE PUMP No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas., Rept., Est. - _____ Date - _____

WATER USE Primary - PUBLIC SUPPLY Secondary - _____ Tertiary - _____

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - _____ Other Data - _____

WATER LEVELS 1 measurement
1939
-94

Recorded By _____ Date Record Collected or Updated - 09/30/2002
Reporting Agency 01

REMARKS -
TWDB R178: Screen from 903 to 966 ft.
Yield: 200 gpm when drilled.

Aquifer - 121EVGL ID - 15
EVANGELINE
AQUIFER

Well Number - 6514719

Wednesday, December 28, 2005



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 38 Distance from Property: 0.85 mi. W

WELL ID: **4590**
OWNERS NAME: **KINDER MORGAN**
YEAR DRILLED: **1962**
DEPTH DRILLED: **1372'**
STATIC LEVEL: **480'**
WATER USAGE: **DOMESTIC/COMMERCIAL**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.367367000**
LATITUDE: **29.757891000**
SOURCE: **HGSD**



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 39 Distance from Property: 0.88 mi. NNE

ID NUMBER: TX205276
STATE ID : 65-14-7
OWNER NAME: GREENFIELD CONSTRUCTION WELL#9
DATE DRILLED: 06/14/1986
DEPTH DRILLED: 71'
STATIC LEVEL: 37'
WATER USAGE: DE-WATERING
LONGITUDE: -95.349482000
LATITUDE: 29.772750000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205276

Please use black ink. Send original copy by certified mail to the Texas Water Commission, P.O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT
Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

Well # 9
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER: Greenfield Const. (Name) Address: _____ (City) (State) (Zip)

2) LOCATION OF WELL: County: Harris (County) Direction from: Houston (Town)

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other: Drinking

5) DRILLING METHOD (Check): Driven Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other

6) WELL LOG: Date Drilling: Started 6-14-86 Completed 6-14-86

DIAMETER OF HOLE		Description and color of formation material	
Dia. (in.)	From (ft.)	To (ft.)	Material
			0-1 Sand Gravel
			1-5 Blue Clay
			5-32 Red & white Clay
			32-69 Brown sand w/ some clay
			69-71 Red Clay

7) BOREHOLE COMPLETION: Open Hole Straight Wall Underreamed Gravel Packed Other

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
6 N		P.V.C. RISER	0	30	505
6 N		P.V.C. SCREEN	50	70	000

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
Method used: NONE

10) SURFACE COMPLETION: Specified Surface Slab Installed [Rule 319.44(c)] Pitless Adapter Used [Rule 319.44(d)] Approved Alternative Procedure Used [Rule 319.71] NONE

11) WATER LEVEL: Static level 32 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____ NONE

13) TYPE PUMP: Turbine Jet Submersible Cylinder
Depth to pump bowl, cylinder, jet, etc., _____ ft.

14) WELL TESTS: Type Test: Pump Bailor Jetted Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME: Stang DeWatering Inc. Water Well Driller's License No. 2644 W
ADDRESS: 3801 Trailmobile Dr. Houston, Texas 77013
(Signed) James Allen (Registered Driller Trainee)

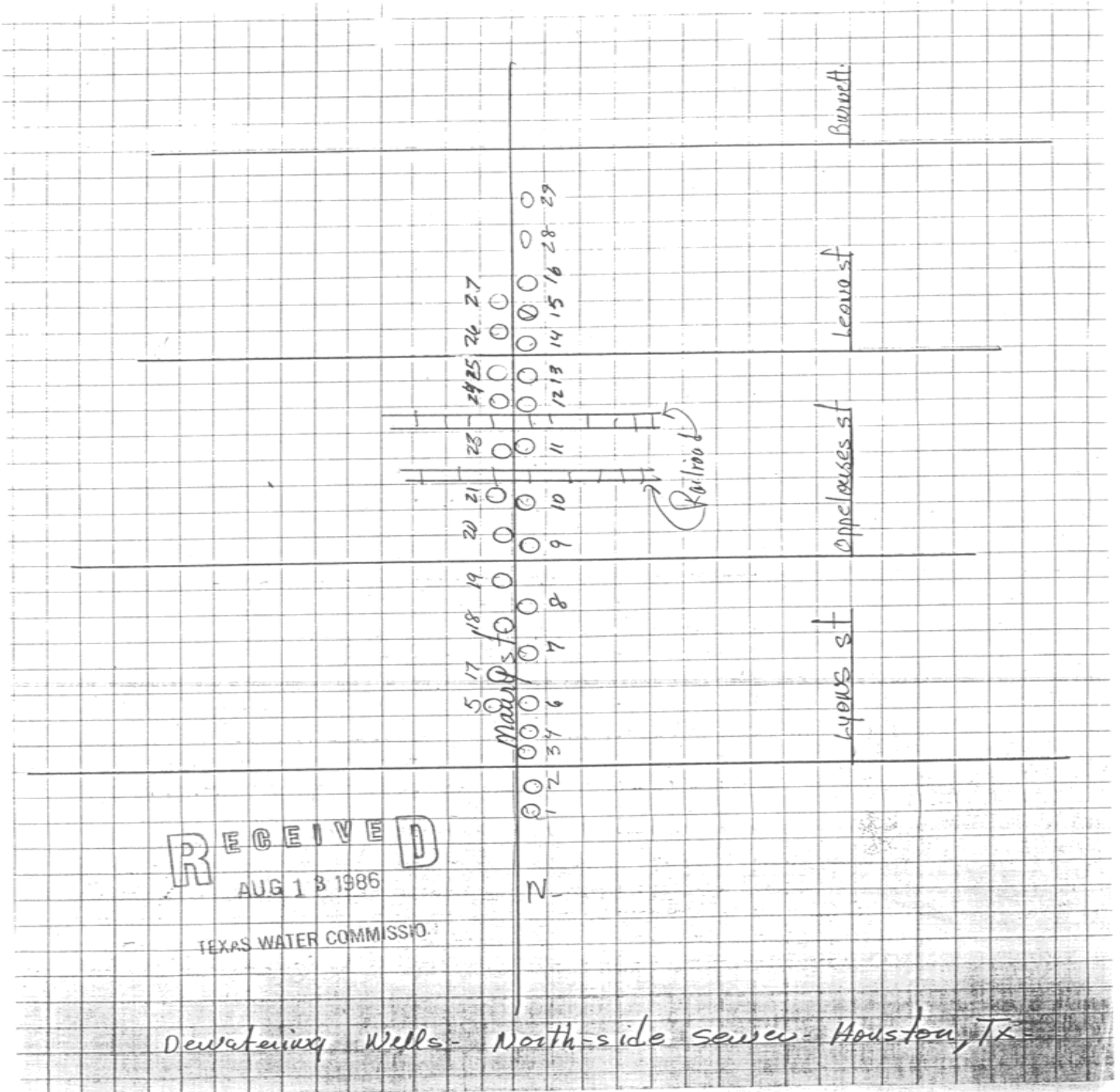
Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use only: Well No. 65-14-7 Located on map _____

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AUG 13 1986

TEXAS WATER COMMISSION
(Use reverse side if necessary)

TWC-0392 (Rev. 06-10-85)

TEXAS WATER COMMISSION COPY

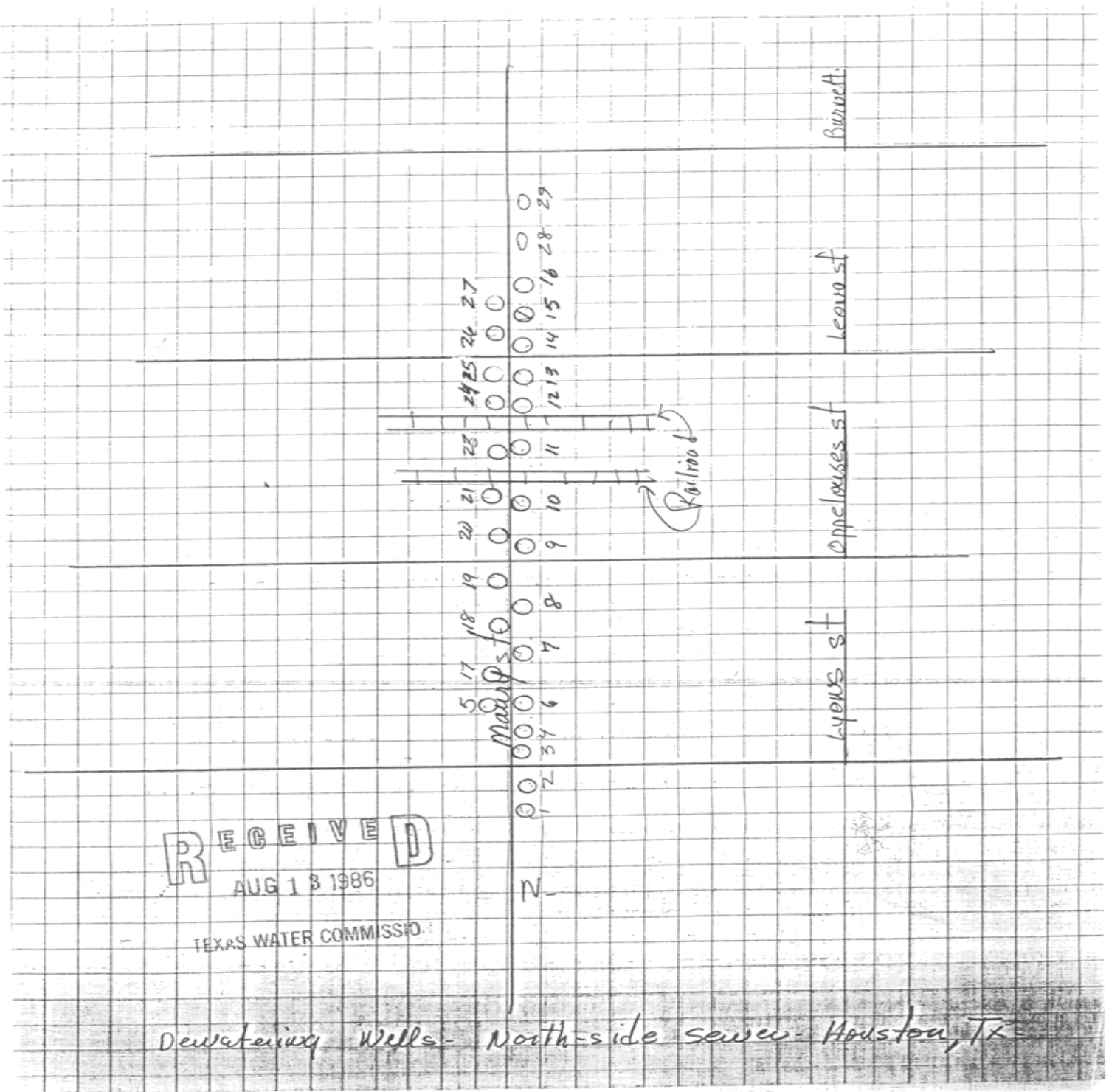


TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 40

Distance from Property: 0.88 mi. NNE

ID NUMBER: TX205287
STATE ID : 65-14-7
OWNER NAME: GREENFIELD CONST. WELL #20
DATE DRILLED: 07/02/1986
DEPTH DRILLED: 75'
STATIC LEVEL: 41'
WATER USAGE: DE-WATERING
LONGITUDE: -95.349847000
LATITUDE: 29.772807000
2 PAGE(S) OF DRILLERS' LOGS



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205287

Please use black ink. Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

Well #20
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Greenfield Const (Name) Address Houston Texas (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles in _____ direction from Houston (Town)

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other Drinking

5) DRILLING METHOD (Check):
 Driven Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other _____

6) WELL LOG:
 Date Drilling: Started 7-2 1986 Completed 7-2 1986

From (ft.)	To (ft.)	DIAMETER OF HOLE	
		From (ft.)	To (ft.)
0-1	1-4	15"	25"

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
 If Gravel Packed give interval ... from 10 ft. to 25 ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mat., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
6 N		P.V.C. Riser	0	55	
6 N		P.V.C. SCREEN	55	95	DDO

9) CEMENTING DATA [Rule 319.44(b)]
 Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
 Method used NONE
 Cemented by _____

10) SURFACE COMPLETION NONE
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
 Static level 41 ft. below land surface Date _____
 Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth NONE

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
 Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
 Type Test: Pump Bailor Jetted Estimated
 Yield: _____ gpm with total ft. drawdown after _____ hrs.

15) WATER QUALITY:
 Did you knowingly penetrate any strata which contained undesirable water? Yes No
 If yes, submit "REPORT OF UNDESIRABLE WATER"
 Type of water? _____ Depth of strata _____
 Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Stang Dewatering (Type or Print) Water Well Driller's License No. 2644 W
 ADDRESS 3801 Trailmobile Dr. (Street or RFD) (City) Houston Texas (State) 77013 (Zip)
 (Signed) [Signature] (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)
 Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use only: Well No. 65M-7 Located on map

TWC-0392 (Rev. 06-10-85)

TEXAS WATER COMMISSION COPY



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 41 Distance from Property: 0.90 mi. NNE

ID NUMBER: TX205288
STATE ID : 65-14-7
OWNER NAME: GREENFIELD CONST. WELL #21
DATE DRILLED: 07/03/1986
DEPTH DRILLED: 75'
STATIC LEVEL: 40'
WATER USAGE: DE-WATERING
LONGITUDE: -95.349848000
LATITUDE: 29.773133000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205288

Please use black ink. Send original copy by certified mail to the Texas Water Commission, P.O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

Well #21
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER: Scunfield Const (Name) Address: Houston Texas (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles in _____ direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
 See attached map. 65-14-7

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other Drinking

5) DRILLING METHOD (Check):
 Driven Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other _____

6) WELL LOG:
Date Drilling: Started 7-3 1986 Completed _____ 19____
DIAMETER OF HOLE: Dia. (in.) From (ft.) To (ft.)
Surface _____

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
If Gravel Packed give interval ... from 10 ft. to 25 ft.

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mat., if commercial	Setting (ft.)		Gage Casing Screen
						From	To	
<u>0</u>	<u>1</u>	<u>Sand & Gravel</u>						
<u>1</u>	<u>4</u>	<u>Blue Clay</u>						
<u>4</u>	<u>36</u>	<u>Red & White Clay</u>						
<u>36</u>	<u>37</u>	<u>Sand Stone</u>						
<u>37</u>	<u>74</u>	<u>Brown Sand</u>						
<u>74</u>	<u>75</u>	<u>Red Clay</u>						

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
Method used NONE
Cemented by _____

10) SURFACE COMPLETION NONE
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 40 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth NONE

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: Pump Bailor Jetted Estimated
Yield: _____ gpm with total ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

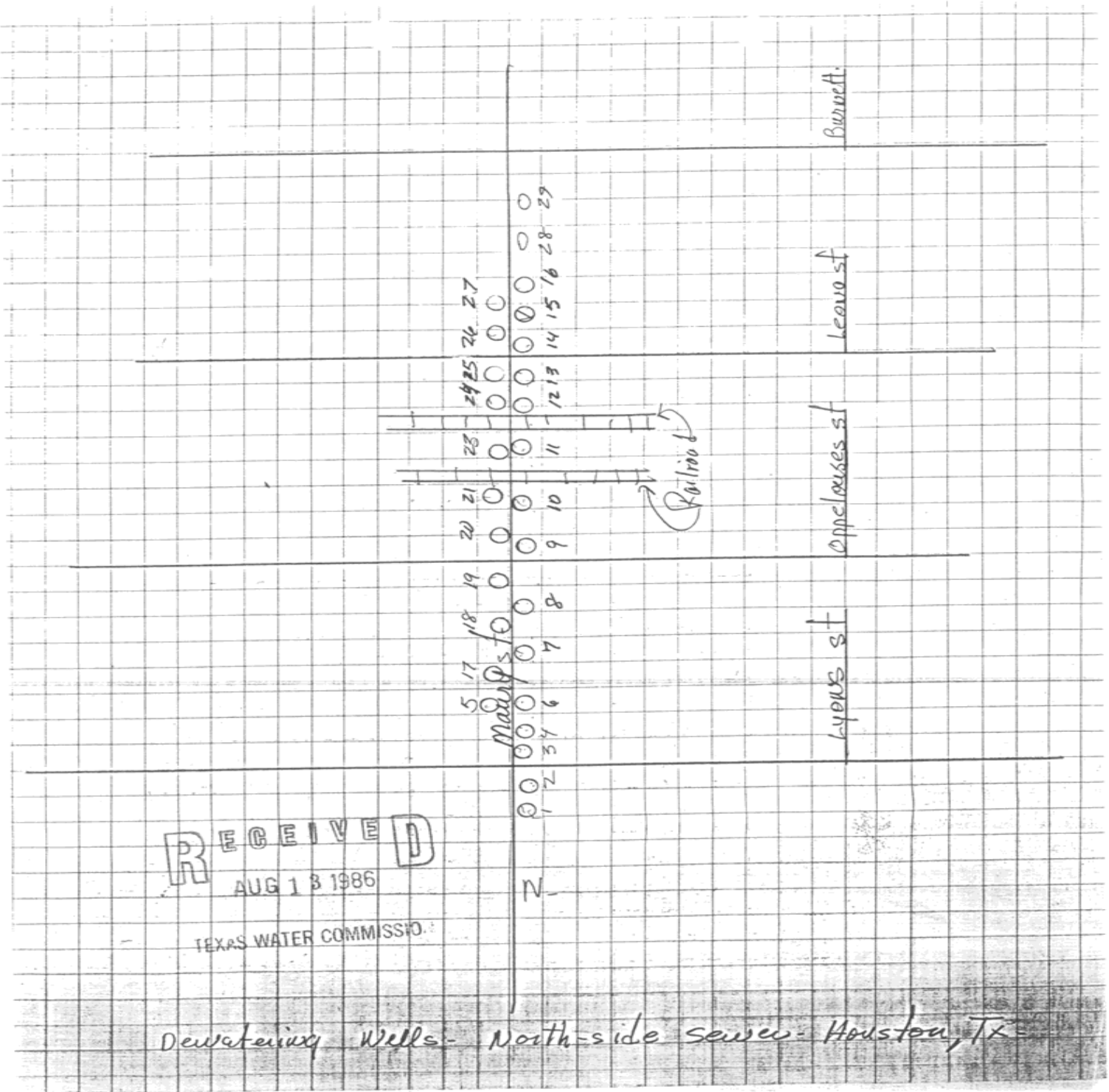
COMPANY NAME Stang Dewatering Water Well Driller's License No. 2644W
ADDRESS 3501 Trailmobile Dr. (City) Houston (State) Texas (Zip) 77013
(Signed) [Signature] (Signed) _____ (Registered Driller Trainee)
Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use only: Well No. 65-14-7 Located on map _____

TWC-0392 (Rev. 06-10-85)

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 41

Distance from Property: 0.90 mi. NNE

ID NUMBER: TX205277
STATE ID : 65-14-7
OWNER NAME: GREENFIELD CONSTRUCTION WELL #10
DATE DRILLED: 06/18/1986
DEPTH DRILLED: 74'
STATIC LEVEL: 42'
WATER USAGE: DE-WATERING
LONGITUDE: -95.349491000
LATITUDE: 29.772986000

2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205277

Please use black ink. Send original copy by certified mail to the Texas Water Commission P.O. Box 13067 Austin, Texas 78711

State of Texas WATER WELL REPORT
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

Texas Water Well Drillers Board
P. O. Box 13067
Austin, Texas 78711

1) OWNER: Green Field Const. (Name) Address: _____ (Street or RFD) _____ (City) _____ (State) _____ (Zip)

2) LOCATION OF WELL: County: Harris miles in _____ direction from Houston (Town)

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other: Drinking

5) DRILLING METHOD (Check): Driven Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other _____

6) WELL LOG: Date Drilling: Started 6-18-1986 Completed 6-18-1986

From (ft.)	To (ft.)	DIAMETER OF HOLE		Description and color of formation material
		Dis. (in.)	To (ft.)	
0-1		15"	74	Sand & Gravel
1-4				Blue Clay
4-35				Red & White Clay
35-73				Brown Sand
73-74				Red Clay

7) BOREHOLE COMPLETION: Open Hole Straight Wall Underreamed Gravel Packed Other _____

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf.; Slotted, etc. Screen Mat., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
6 N		P.V.C. RISER	0	53	546
6 N		P.V.C. SCREEN	53	73	100

9) CEMENTING DATA (Rule 319.44(b))
Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
Method used: NONE

10) SURFACE COMPLETION: Specified Surface Slab Installed (Rule 319.44(c)) Pitless Adapter Used (Rule 319.44(d)) Approved Alternative Procedure Used (Rule 319.71)

11) WATER LEVEL: Static level 42 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____

13) TYPE PUMP: Turbine Jet Submersible Cylinder
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS: Type Test: Pump Bailor Jetted Estimated
Yield: 25 gpm with 261 ft. drawdown after _____ hrs.

15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

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AUG 13 1986
TEXAS WATER COMMISSION

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the logs being returned for completion and resubmittal.

COMPANY NAME: Stang Dewatering Inc. Water Well Driller's License No. 2644W
ADDRESS: 3801 Trailmobile Dr. (City) Houston (State) Texas (Zip) 77013
(Signed) [Signature] (Registered Water Well Driller) (Signed) _____ (Registered Driller Trainee)

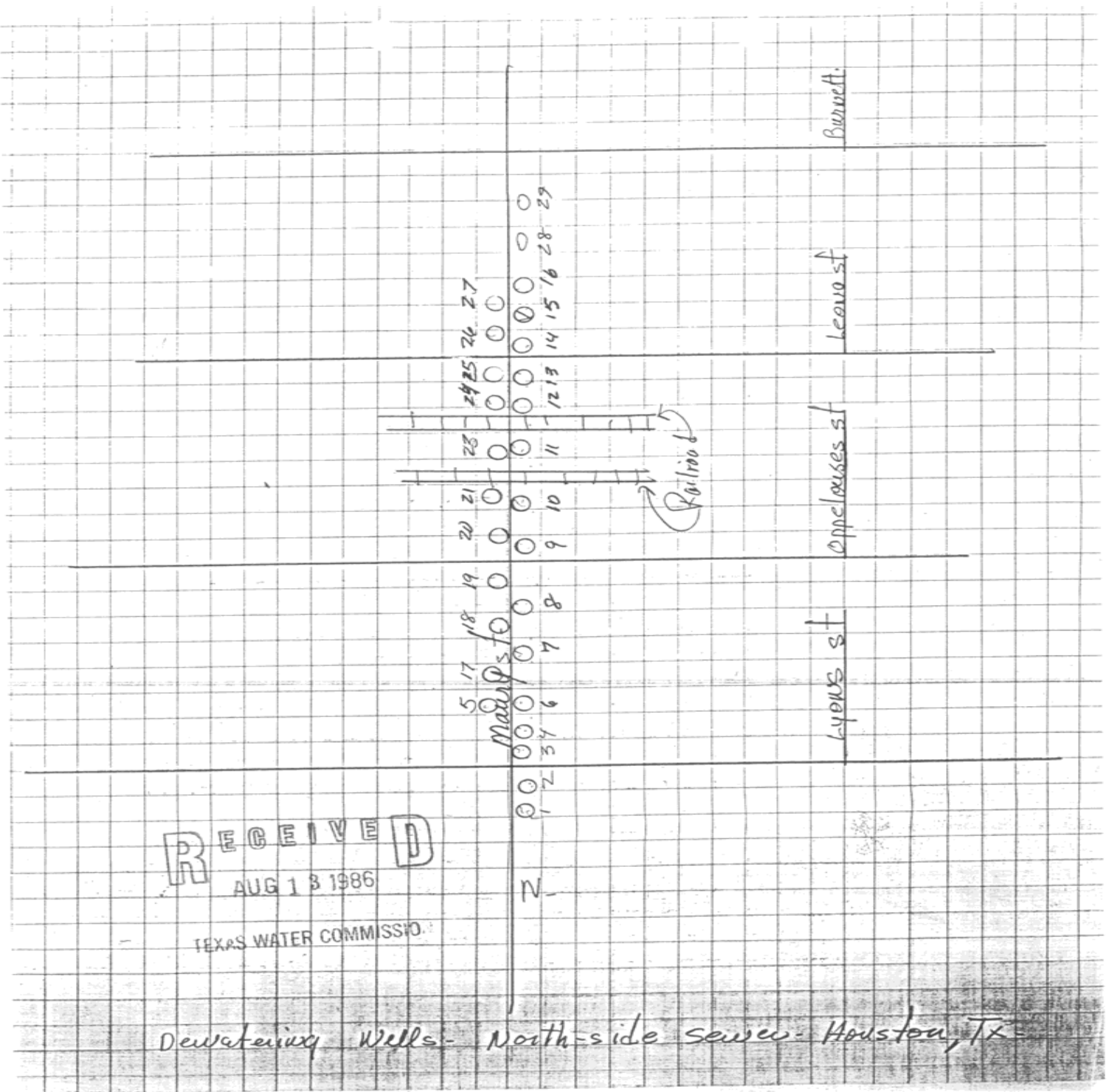
Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use only: Well No. 65147 Located on map _____

TWC-0292 (Rev. 06-10-85)

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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 42 Distance from Property: 0.89 mi. NNW

STATE ID: **65-14-733**
OWNER'S NAME: **MISSOURI, KANSAS AND TEXAS RAILROAD**
DATE DRILLED: **00/00/1910**
DEPTH DRILLED: **1638'**
WATER USAGE: **PLUGGED OR DESTROYED**
LONGITUDE: **-95.360250000**
LATITUDE: **29.771780000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514733/6514733.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-733

Texas Water Development Board Well Schedule

State Well Number 6514733 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294617 Longitude 952136 Source of Coords 3

Owner's Well No. _____ Location _____
Owner Missouri, Kansas and Texas Railroad Driller Layne Texas

Address _____ Tenant/Oper. _____

Date Drilled / /1910 Depth 1638 Source of Depth Altitude 50 Source of Alt. Well Type W User

WELL CONSTRUCTION Const-Method Casing Material Blank Screen Material Blank Completion Cemented from _____ to _____
Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)

LIFT DATA - Pump Mfr. - _____ Type - NONE No. Stages _____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - blank Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - UNUSED Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - M Quality - Y Logs - Other Data -

WATER LEVELS 2 measurements
1931 to 1939
MIN -59.1 MAX -51.3

Recorded By _____ Date Record Collected or Updated - / /
Reporting Agency

REMARKS -
Well destroyed.

Aquifer - 112CEVG **ID -** 15
CHICOT AND EVANGELINE
AQUIFERS

Wednesday, July 05, 2006

Well Number - 6514733



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 43 Distance from Property: 0.89 mi. WSW

STATE ID: 65-14-717
OWNER'S NAME: MAIN BUILDING CORP.
DATE DRILLED: 00/00/1938
DEPTH DRILLED: 932'
WATER USAGE: UNUSED
LONGITUDE: -95.366530000
LATITUDE: 29.754080000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514717/6514717.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-717

Texas Water Development Board Well Schedule

State Well Number 6514717 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294513 Longitude 952159 Source of Coords 2

Owner's Well No. _____ Location _____
Owner Main Building Corp. Driller Layne Texas Co.

Address _____ Tenant/Oper. _____

Date Drilled / /1938 Depth 932 Source of Depth Altitude 49 Source of Alt.
Well Type W User

WELL CONSTRUCTION Const-Method Completion Casing Material Screen Material
Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - NONE No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - _____ Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas., Rept., Est.- _____ Date- _____

WATER USE Primary - UNUSED Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - Other Data -

WATER LEVELS 1 measurement
1938
-93

Recorded By _____ Date Record Collected or Updated - 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: 60 ft. of screen
between 767 and 920 ft.
Yield: 257 gpm with 23 ft.
drawdown when drilled.

Aquifer - 121EVGL ID - 15
EVANGELINE
AQUIFER

Wednesday, December 28, 2005

Well Number - 6514717



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 44 Distance from Property: 0.92 mi. NNE

ID NUMBER: TX205290
STATE ID : 65-14-7
OWNER NAME: GREENFIELD CONST. WELL #24
DATE DRILLED: 07/09/1986
DEPTH DRILLED: 75'
STATIC LEVEL: 40'
WATER USAGE: DE-WATERING
LONGITUDE: -95.349848000
LATITUDE: 29.773417000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205290

Please use black ink. Send original copy by certified mail to the Texas Water Commission, P.O. Box 13087, Austin, Texas 78711

**State of Texas
WATER WELL REPORT**

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

Well # 24
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER: Greenfield Const. (Name) Address: Houston Texas (City) (State) (Zip)

2) LOCATION OF WELL: County: Harris miles in: _____ direction from: Houston (Town)

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other: De-watering

5) DRILLING METHOD (Check):
 Driven Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other _____

6) WELL LOG:
 Date Drilling: Started 7-9-1986 Completed 7-9-1986

From (ft.)	To (ft.)	DIAMETER OF HOLE		
		Dia. (in.)	From (ft.)	To (ft.)
0	2		Surface	25
2	6	15"		
6	62			
62	71			
71	75			

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
 If Gravel Packed give interval ... from 10 ft. to 25 ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mat., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
6 N		P.U.C. RISER	0	51	
6 N		P.U.C. SCREEN	51	71	100

9) CEMENTING DATA [Rule 319.44(b)]
 Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
 Method used: NONE
 Cemented by: _____

10) SURFACE COMPLETION NONE
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pileless Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
 Static level: 40 ft. below land surface Date: _____
 Artesian flow: _____ gpm. Date: _____

12) PACKERS: Type: NONE Depth: _____

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
 Depth to pump bowl, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
 Type Test: Pump Bailor Jetted Estimated
 Yield: _____ gpm with total ft. drawdown after _____ hrs.

15) WATER QUALITY:
 Did you knowingly penetrate any strata which contained undesirable water? Yes No
 If yes, submit "REPORT OF UNDESIRABLE WATER"
 Type of water? _____ Depth of strata _____
 Was a chemical analysis made? Yes No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME: Stang De-watering (Type or Print) Water Well Driller's License No. 2644 W
 ADDRESS: 3801 Trailmobile Dr. (Street or RFD) Houston (City) Texas (State) 77013 (Zip)
 (Signed) James R. Stang (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use only: Well No. 65-14-7 Located on map _____

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TWC-0392 (Rev. 06-10-85)

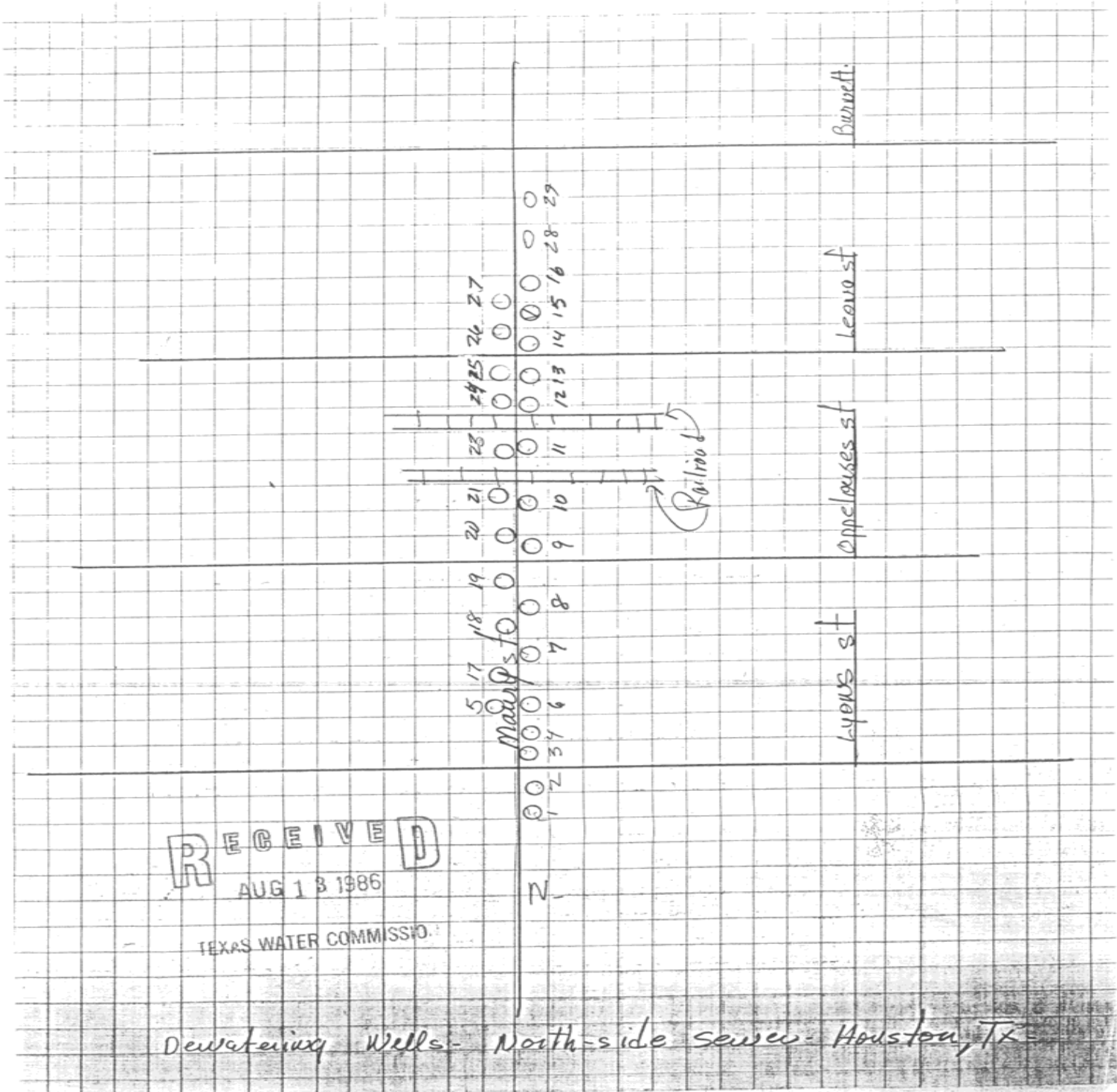
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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205290



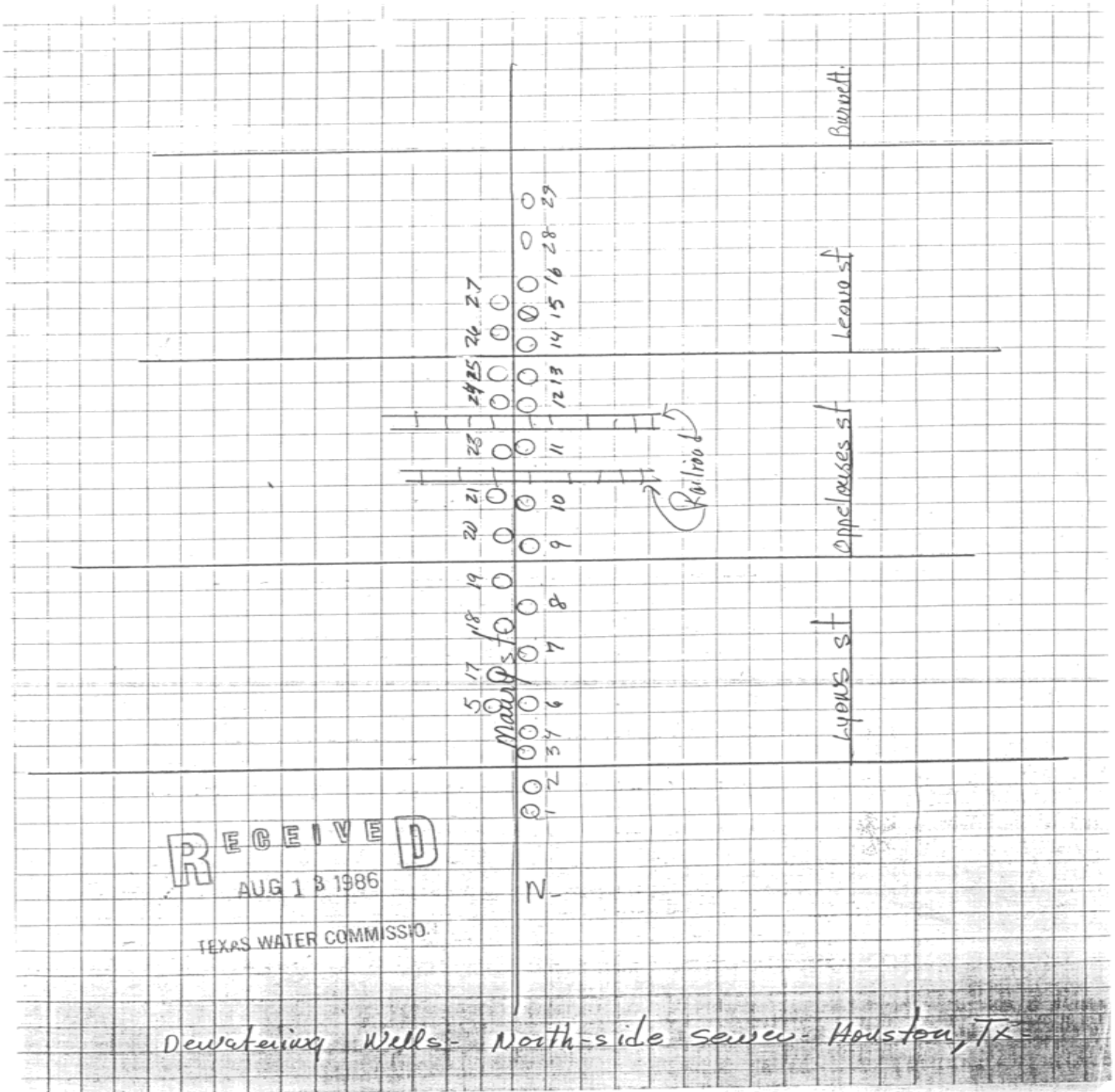
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 44 Distance from Property: 0.92 mi. NNE

ID NUMBER: TX205291
STATE ID : 65-14-7
OWNER NAME: GREENFIELD CONST. WELL #25
DATE DRILLED: 07/09/1986
DEPTH DRILLED: 72'
STATIC LEVEL: 37'
WATER USAGE: DE-WATERING
LONGITUDE: -95.349848000
LATITUDE: 29.773417000
2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2

Water Well ID: 205291

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State of Texas WATER WELL REPORT

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

Well # 25
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Greenfield Const (Name) Address Houston Texas (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles in 6.5 direction from Houston (Town)

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other De-watering

5) DRILLING METHOD (Check): Driven Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other

6) WELL LOG: Date Drilling: Started 7-9 1986 Completed 7-7 1986

From (ft.)	To (ft.)	DIAMETER OF HOLE	
		Di. (in.)	To (ft.)
0	2	15"	72
2	6		
6	34		
34	70		
70	72		

7) BOREHOLE COMPLETION: Open Hole Straight Wall Underreamed Gravel Packed Other

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Di. (in.)	New or Used	Steel, Plastic, etc. Perf., Sloped, etc. Screen Mat., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
6	N	P.V.C. Riser	0	50	
6	N	P.V.C. Screen	50	70	010

9) CEMENTING DATA [Rule 319.44(b)]: Cemented from 0 ft. to 0 ft. No. of Sacks Used 0

10) SURFACE COMPLETION NONE: Specified Surface Slab Installed [Rule 319.44(c)] Pitless Adapter Used [Rule 319.44(d)] Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL: Static level 37 ft. below land surface

12) PACKERS: NONE

13) TYPE PUMP: Turbine Jet Submersible Cylinder Other

14) WELL TESTS: Type Test: Pump Bailor Jetted Estimated Yield: total gpm with total ft. drawdown after total hrs.

15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? Yes No

RECEIVED
AUG 13 1986

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Stang De-watering Water Well Driller's License No. 2644W

ADDRESS 3801 Trailmobile Dr. (City) Houston (State) Texas (Zip) 77013

(Signed) Jimmy Allen (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use only: Well No. 25-14-7 Located on map

TWC-0392 (Rev. 06-10-85)

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 44 Distance from Property: 0.92 mi. NNE

ID NUMBER: TX205289
STATE ID : 65-14-7
OWNER NAME: GREENFIELD CONST. WELL #23
DATE DRILLED: 07/08/1986
DEPTH DRILLED: 71'
STATIC LEVEL: 40'
WATER USAGE: DE-WATERING
LONGITUDE: -95.349848000
LATITUDE: 29.773417000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2

Water Well ID: 205289

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State of Texas
WATER WELL REPORT

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

Well # 23
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Greenfield Const. (Name) Address Houston Texas (City) (State) (Zip)

2) LOCATION OF WELL: County Harris (County) (City) (State) (Zip) Direction from Houston (Town)

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other De-watering

5) DRILLING METHOD (Check):
 Driven Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other

6) WELL LOG:
 Date Drilling: Started 7-8-1986 Completed 7-8-1986

From (ft.)	To (ft.)	DIAMETER OF HOLE	
		From (ft.)	To (ft.)
0-1	15'	Gravel	91
1-6		Blue Clay	
6-32		Red Clay	
32-33		Sand Stone	
33-68		Brown Sand	
68-71		Red Clay	

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mat., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
6	N	P.V.C. PIPER	0	48	
6	N	P.V.C. SCREEN	48	68	020

9) CEMENTING DATA [Rule 319.44(b)]
 Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
 Method used NONE
 Cemented by _____

10) SURFACE COMPLETION NONE
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
 Static level 40 ft. below land surface Date _____
 Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____
NONE

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
 Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
 Type Test: Pump Bailor Jetted Estimated
 Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
 Did you knowingly penetrate any strata which contained undesirable water? Yes No
 If yes, submit "REPORT OF UNDESIRABLE WATER"
 Type of water? _____ Depth of strata _____
 Was a chemical analysis made? Yes No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Strong De-watering (Type or Print) Water Well Driller's License No. 2644W

ADDRESS 3801 Trai mobile Dr. (Street or RFD) Houston Texas 77013 (City) (State) (Zip)

(Signed) [Signature] (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

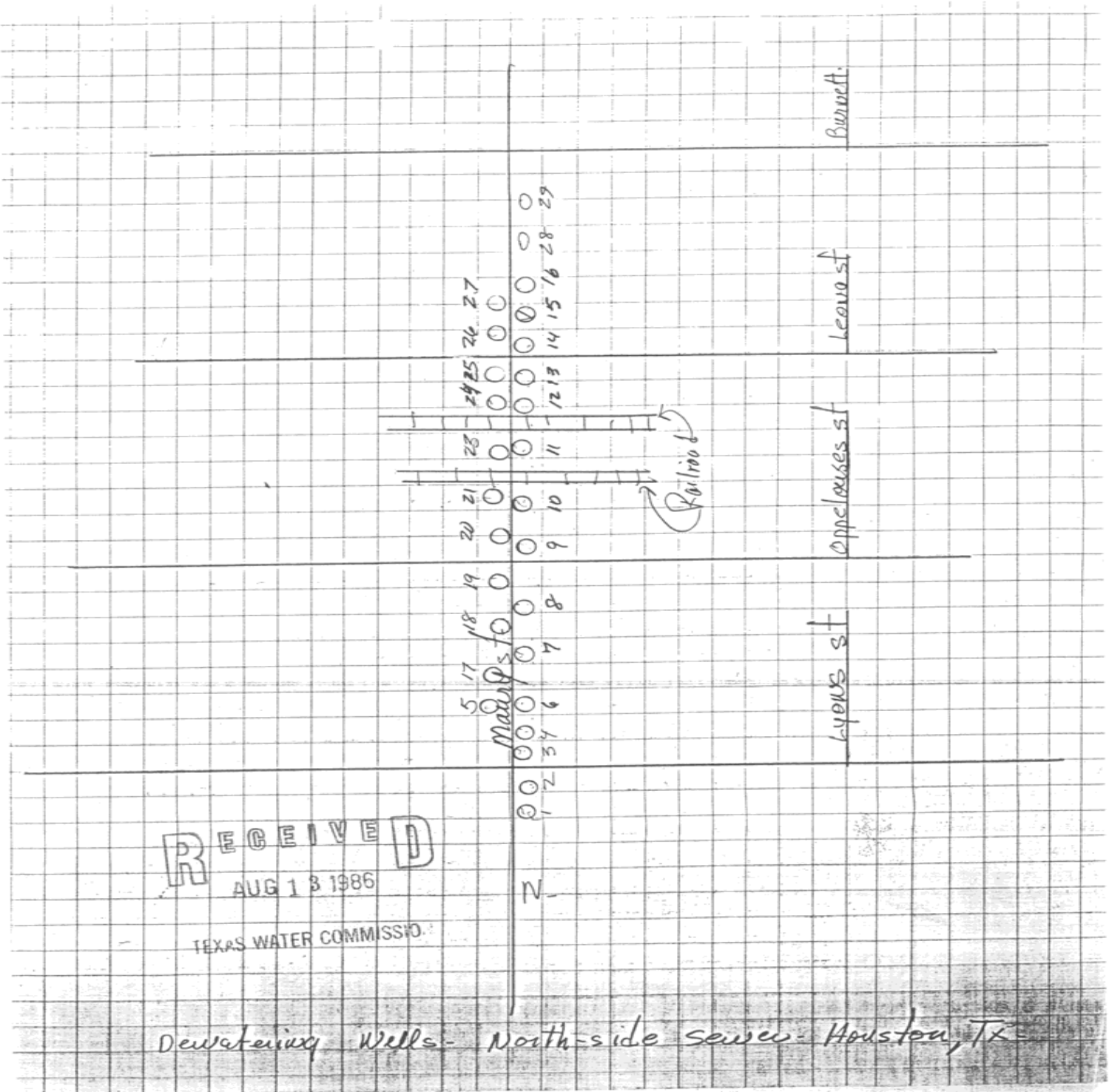
Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use only: Well No. 65-14-7 Located on map _____

TWC-0392 (Rev. 06-10-85)

TEXAS WATER COMMISSION COPY



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 45 Distance from Property: 0.92 mi. W

STATE ID: **65-14-720**
OWNER'S NAME: **RICE HOTEL LAUNDRY**
DATE DRILLED: **00/00/1936**
DEPTH DRILLED: **1502'**
WATER USAGE: **PLUGGED OR DESTROYED**
LONGITUDE: **-95.368700000**
LATITUDE: **29.760930000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514720/6514720.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-720

Texas Water Development Board Well Schedule

State Well Number 6514720 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294538 Longitude 952205 Source of Coords 3

Owner's Well No. _____ Location _____

Owner: Rice Hotel Laundry Driller: Layne Texas

Address _____ Tenant/Oper. _____

Date Drilled / /1936 Depth 1502 Source of Depth Altitude 52 Source of Alt. Well Type w User

WELL CONSTRUCTION Const-Method Casing Material Blank Screen Material Blank Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - NONE No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - blank Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - UNUSED Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - M Quality - Y Logs - Other Data -

WATER LEVELS 1 measurement
1936
-90

Recorded By _____ Date Record Collected or Updated - / /

Reporting Agency

REMARKS -
118 ft of screen between 1317 and 1456 ft. Reported yield 650 gpm when drilled. Well destroyed.

Aquifer - 121EVGL **ID -** 15
EVANGELINE
AQUIFER

Wednesday, December 28, 2005

Well Number - 6514720



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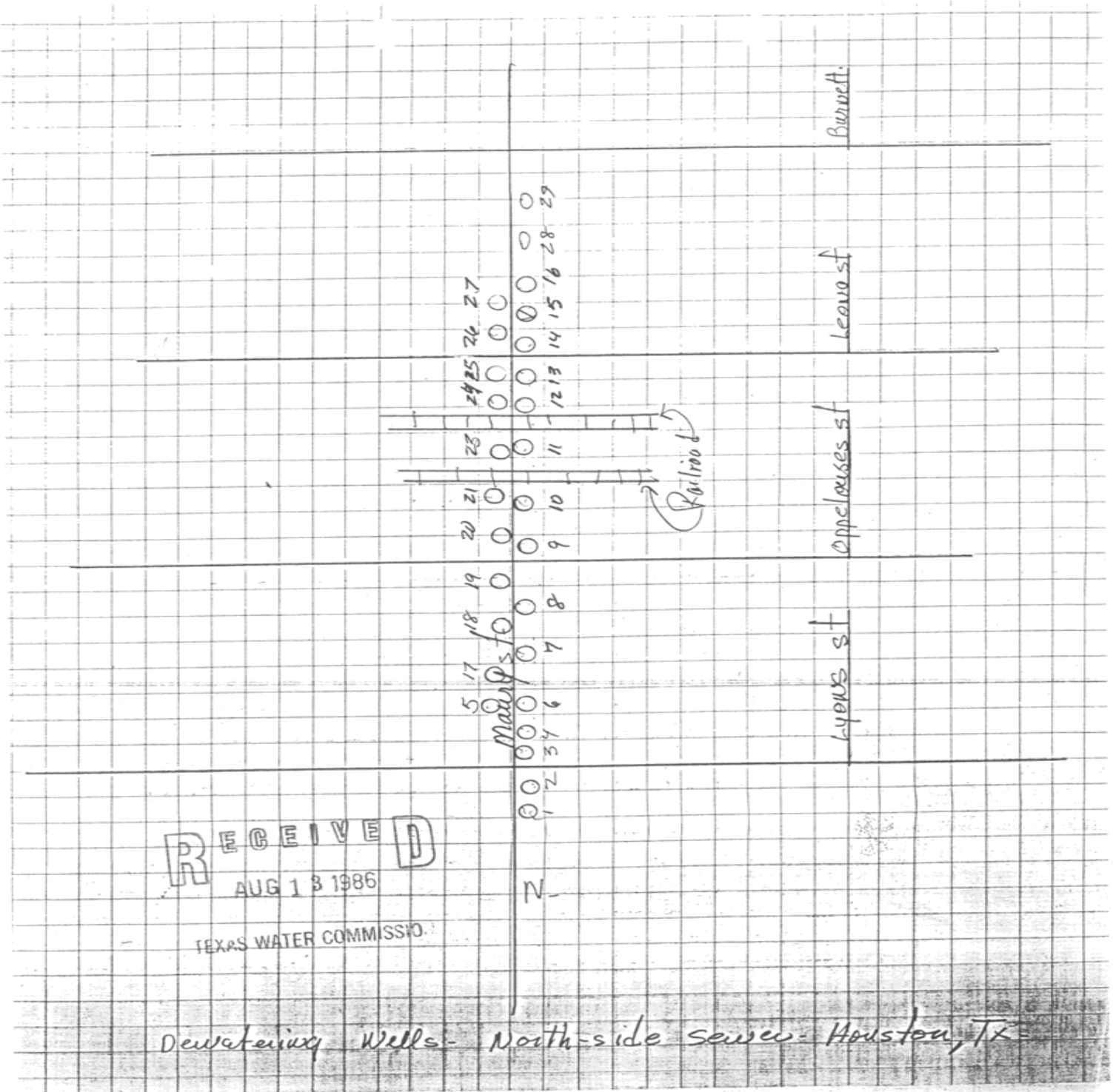
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 46 Distance from Property: 0.94 mi. NNE

ID NUMBER: TX205292
STATE ID : 65-14-7
OWNER NAME: GREENFIELD CONST. WELL #26
DATE DRILLED: 07/10/1986
DEPTH DRILLED: 75'
STATIC LEVEL: 41'
WATER USAGE: DE-WATERING
LONGITUDE: -95.349848000
LATITUDE: 29.773727000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205292



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205292

Please use black ink. Send original copy by certified mail to the Texas Water Commission, P.O. Box 13067, Austin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

Texas Water Well Drillers Board
P. O. Box 13067
Austin, Texas 78711

1) OWNER: Greenfield Court (Name) Address: Houston Texas (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles in _____ direction from Houston (Town)

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other Dewatering

5) DRILLING METHOD (Check): Driven Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other _____

6) WELL LOG: Date Drilling: Started 7-10 1986 Completed 7-10 1986

From (ft.)	To (ft.)	DIAMETER OF HOLE	
		Dia. (in.)	From (ft.) To (ft.)
0	1		Surface 75
1	5	15'	
5	27		
27	67		
67	71		
75			

7) BOREHOLE COMPLETION: Open Hole Straight Wall Underreamed Gravel Packed Other _____ If Gravel Packed give interval ... from 10 ft. to 25 ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mat., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
6 N		P.V.C. Riser	0	51	
6 N		P.V.C. SCREEN	51	71	1000

9) CEMENTING DATA [Rule 319.44(b)]: Cemented from _____ ft. to _____ ft. No. of Sacks Used _____ Method used NONE Cemented by _____

10) SURFACE COMPLETION NONE: Specified Surface Slab Installed [Rule 319.44(c)] Pitless Adapter Used [Rule 319.44(d)] Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL: Static level 41 ft. below land surface Date _____ Artesian flow _____ gpm. Date _____

12) PACKERS: Type NONE Depth _____

13) TYPE PUMP: Turbine Jet Submersible Cylinder Other _____ Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS: Type Test: Pump Bailor Jetted Estimated Yield: _____ gpm with 10 ft. drawdown after _____ hrs.

15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? Yes No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Stang Dewatering (Type or Print) Water Well Driller's License No. 2644W

ADDRESS 3801 Frainmobile Dr. (Street or RFD) Houston (City) Texas (State) 77013 (Zip)

(Signed) Jimmy Cole (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use only Well No. 65-14-7 Located on map _____

TWC-0392 (Rev. 06-10-85)

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 46 Distance from Property: 0.95 mi. NNE

ID NUMBER: TX205281
STATE ID : 65-14-7
OWNER NAME: GREENFIELD CONSTRUCTION WELL #14
DATE DRILLED: 06/23/1986
DEPTH DRILLED: 75'
STATIC LEVEL: 45'
WATER USAGE: DE-WATERING
LONGITUDE: -95.349529000
LATITUDE: 29.773702000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205281

Please use black ink. Send original copy by certified mail to the Texas Water Commission, P.O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

Well #14

1) OWNER: Granfield Const (Name) Address: _____ (Street or RFD) _____ (City) _____ (State) _____ (Zip)

2) LOCATION OF WELL: County Harris miles in _____ direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map. 65-14-7

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other Drinking

5) DRILLING METHOD (Check):
 Driven Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other _____

6) WELL LOG:
Date Drilling: Started 6-23-1986 Completed 6-23-1986

From (ft.)	To (ft.)	DIAMETER OF HOLE	
		Dia. (in.)	From (ft.) To (ft.)
		Surface	
		15"	75'

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
If Gravel Packed give interval ... from 10 ft. to 75 ft.

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mat., if commercial	Setting (ft.)		Gage Casing Screen
						From	To	
0-1		Gravel						
1-4		Blue Clay			6 N P.V.C. RISER	0	53	
4-50		Red & White Clay			6 N P.V.C. SCREEN	53	73	ADD
50-51		Sand Stone						
51-73		Brown Sand						
73-75		Red Clay						

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
Method used None
Cemented by _____

10) SURFACE COMPLETION None
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 45 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth None

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
Other _____
Depth to pump bowl, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: Pump Bailor Jetted Estimated
Yield: 10 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata? _____
Was a chemical analysis made? Yes No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME: Stang Dewatering Inc. Water Well Driller's License No. 2644 LV

ADDRESS: 3801 Trailmobile Dr (Street or RFD) Houston (City) Texas (State) 77013 (Zip)

(Signed) Spinning All (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

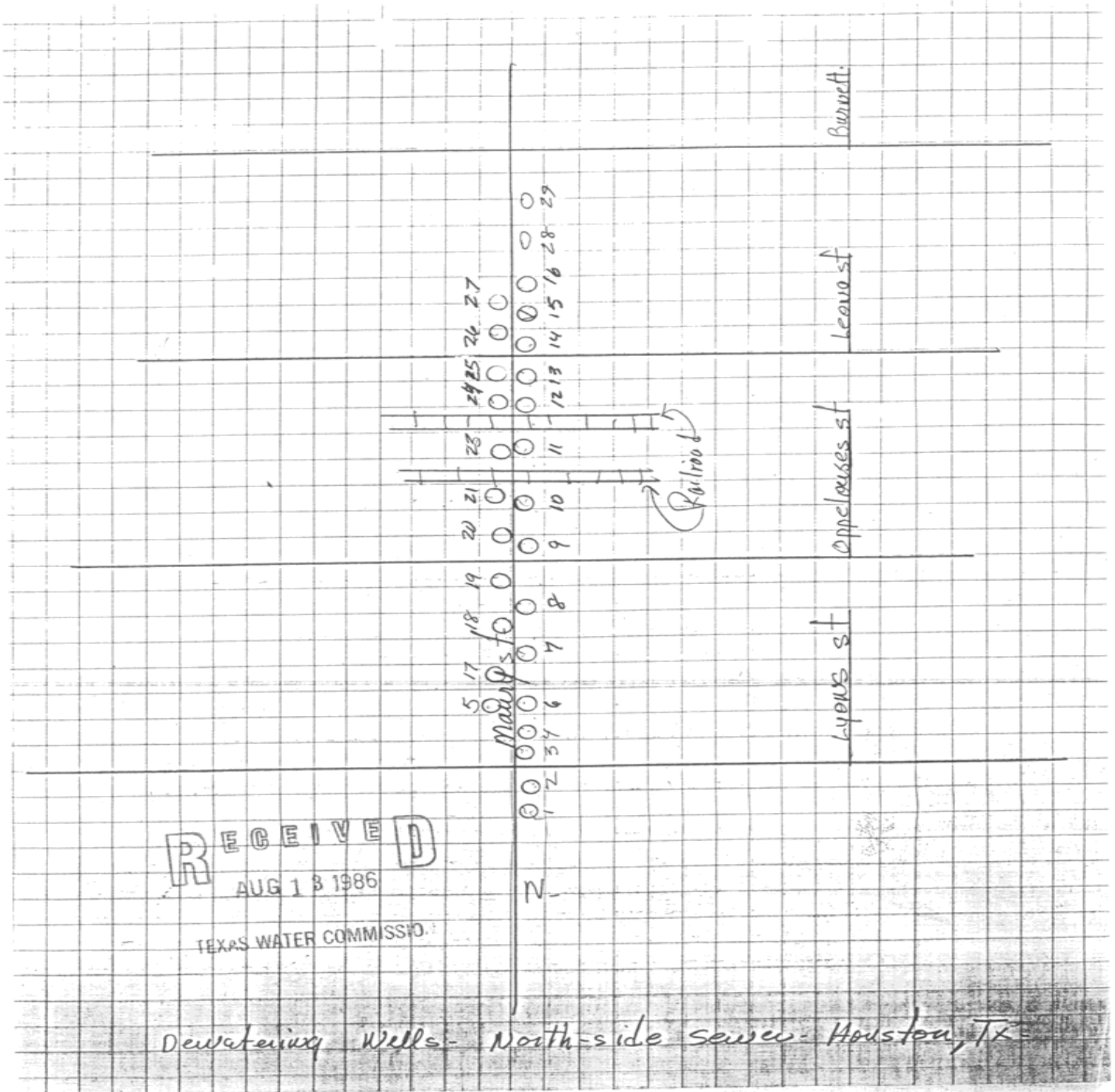
Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use only: Well No. 65147 Located on map _____

TWC-0392 (Rev. 06-10-85)

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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 47 Distance from Property: 0.93 mi. W

STATE ID: **65-14-765**
OWNER'S NAME: **INEEDA LAUNDRY**
DATE DRILLED: **00/00/1910**
DEPTH DRILLED: **975'**
WATER USAGE: **PLUGGED OR DESTROYED**
LONGITUDE: **-95.368550000**
LATITUDE: **29.762730000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514765/6514765.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-765

Texas Water Development Board Well Schedule

State Well Number 6514765 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294545 Longitude 952206 Source of Coords 3

Owner's Well No. _____ Location _____
Owner Ineeda Laundry Driller Taylor and Roberts

Address _____ Tenant/Oper. _____

Date Drilled / /1910 Depth 975 Source of Depth Altitude 50 Source of Alt.
Well Type W User

WELL CONSTRUCTION Const-Method Completion Casing Material Blank Screen Material Blank Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - NONE No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - blank Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas., Rept., Est.- _____ Date- _____

WATER USE Primary - UNUSED Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - N Quality - Y Logs - Other Data -

WATER LEVELS

Recorded By _____ Date Record Collected or Updated - / /
Reporting Agency

REMARKS -
Well destroyed.

Aquifer - 121EVGL ID - 15
EVANGELINE
AQUIFER

Friday, November 03, 2006

Well Number - 6514765



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 48 Distance from Property: 0.95 mi. NNE

ID NUMBER: TX205280
STATE ID : 65-14-7
OWNER NAME: GREENFIELD CONSTRUCTION WEL #13
DATE DRILLED: 06/20/1986
DEPTH DRILLED: 75'
STATIC LEVEL: 41'
WATER USAGE: DE-WATERING
LONGITUDE: -95.349368000
LATITUDE: 29.773708000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205280

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State of Texas
WATER WELL REPORT
Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

Well #13
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Greenfield Const. (Name) Address _____ (Street or RFD) _____ (City) _____ (State) _____ (Zip)

2) LOCATION OF WELL: County Harris _____ miles in _____ direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
 See attached map. 65-14-7

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Monitor Irrigation Test Well Injection Public Supply Other De-watering

5) DRILLING METHOD (Check): Driven Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other _____

6) WELL LOG: Date Drilling: Started 6-20-1986 Completed 19

From (ft.)	To (ft.)	DIAMETER OF HOLE	
		Dia. (in.)	From (ft.) To (ft.)
0	1	15	Surface 25
1	4		
4	36		
36	37		
37	73		
73	75		

7) BOREHOLE COMPLETION: Open Hole Straight Wall Underreamed Gravel Packed Other _____
If Gravel Packed give interval . . . from 10 ft. to 25 ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
6	N	P.V.C. Riser	0	53	
6	N	P.V.C. Screen	53	73	DD

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
Method used NONE
Cemented by _____

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)] NONE
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 41 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____
NONE

13) TYPE PUMP: Turbine Jet Submersible Cylinder
Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: Pump Bailor Jetted Estimated
Yield: 15 gpm with total drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Stang De-watering Inc. (Type or Print) Water Well Driller's License No. 26446
ADDRESS 3801 Trail Mobile Dr. (Street or RFD) Houston (City) Texas (State) 77043 (Zip)
(Signed) James C. Calk (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)
Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use only: Well No. 65-14-7 Located on map _____

TWC-0392 (Rev. 06-10-85)

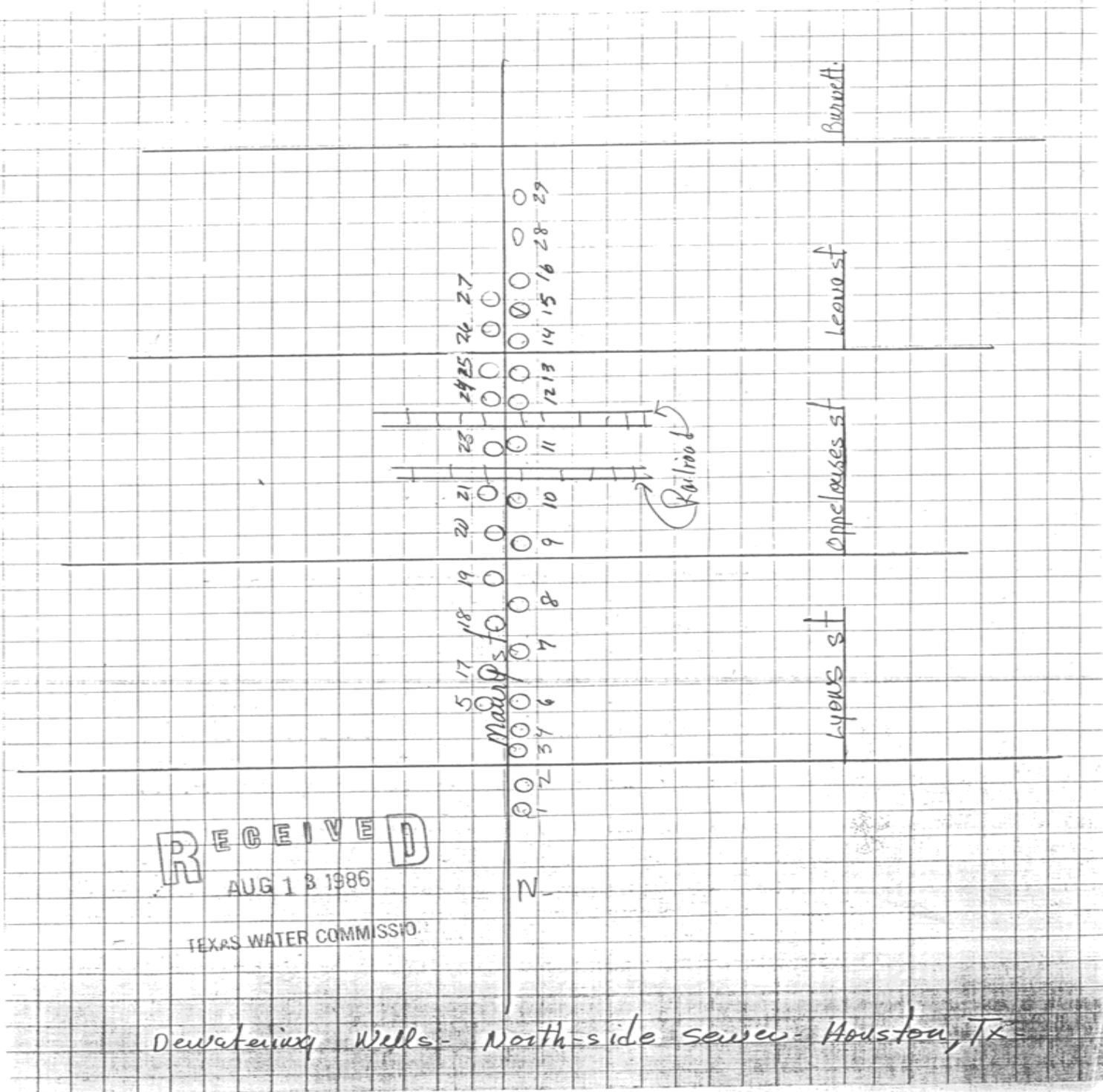
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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205280



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

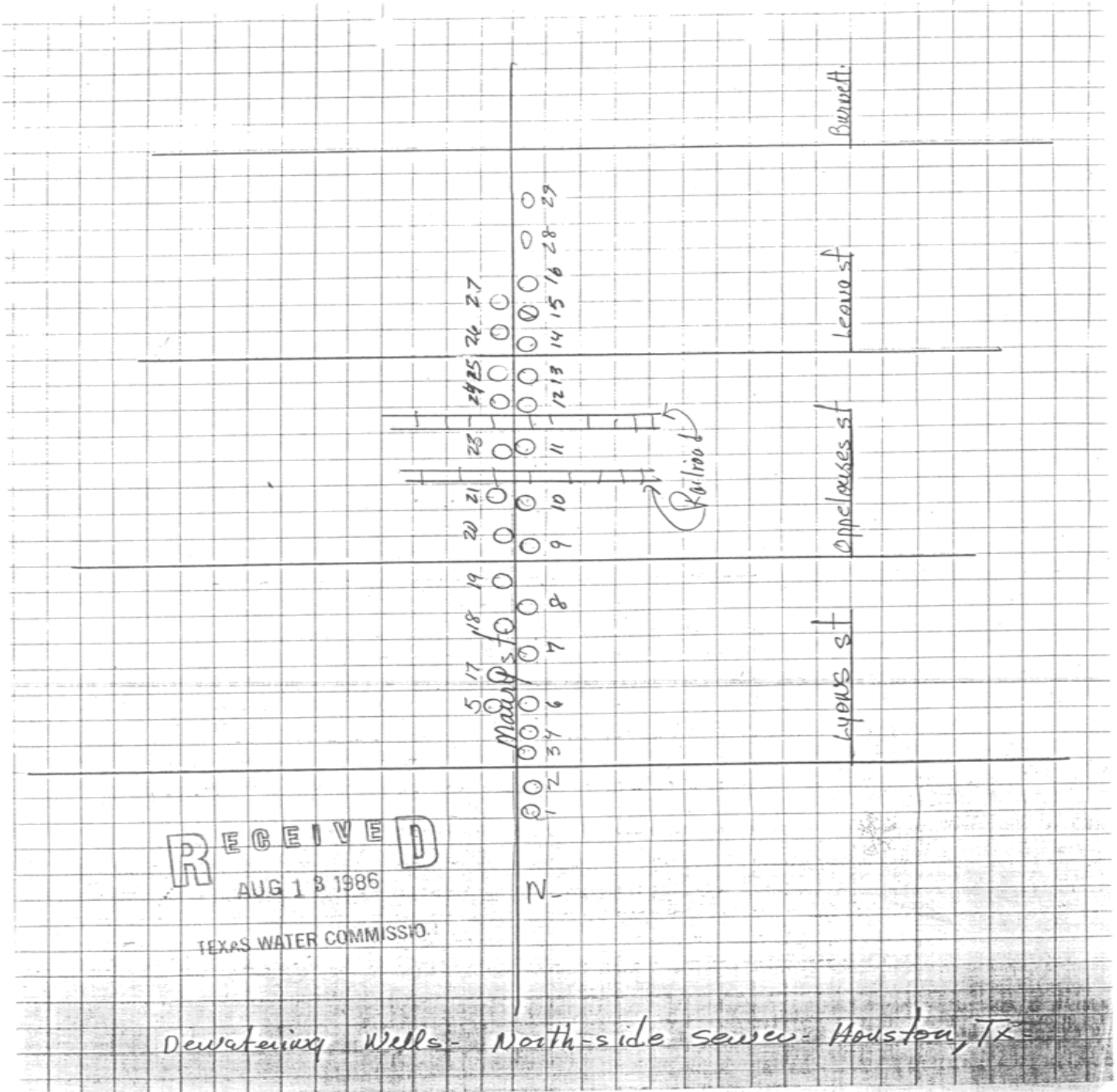
MAP ID# 48 Distance from Property: 0.96 mi. NNE

ID NUMBER: TX205282
STATE ID : 65-14-7
OWNER NAME: GREENFIELD CONSTRUCTION WELL #15
DATE DRILLED: 06/24/1986
DEPTH DRILLED: 75'
STATIC LEVEL: 41'
WATER USAGE: DE-WATERING
LONGITUDE: -95.349529000
LATITUDE: 29.773857000

2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205282



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205282

Please use black ink. Send original copy by certified mail to the Texas Water Commission, P.O. Box 13087, Austin, Texas 78711.

State of Texas WATER WELL REPORT

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

Well #15
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER: Greenfield Const. (Name) Address: Houston (City) (State) (Zip)

2) LOCATION OF WELL: County: Harris (County) miles in Houston (Town) direction from Houston (Town)

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other Dewatering

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other

6) WELL LOG:
 Date Drilling: Started 6-24-86 Completed 6-24-86
 DIAMETER OF HOLE: From (ft.) 15" To (ft.) 75"
 Description and color of formation material:
 0-1 Gravel
 1-56 Red & White Clay
 56-57 Sand Stone
 57-59 Sand Stone
 59-74 Brown Sand
 74-75 Red Clay

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other
 If Gravel Packed give interval ... from 10 ft. to 75 ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
		6 N P.V.C. Riser	0	54	
		6 N P.V.C. Screen	54	74	DD

9) CEMENTING DATA [Rule 319.44(b)]
 Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
 Method used: NONE
 Cemented by: _____

10) SURFACE COMPLETION [Rule 319.44(c)]
 Specified Surface Slab Installed NONE
 Pitless Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
 Static level: 41 ft. below land surface Date _____
 Artesian Flow: _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other
 Depth to pump bowl, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
 Type Test: Pump Bailor Jetted Estimated
 Yield: 20 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
 Did you knowingly penetrate any strata which contained undesirable water? Yes No
 If yes, submit "REPORT OF UNDESIRABLE WATER"
 Type of water? _____ Depth of strata _____
 Was a chemical analysis made? Yes No

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TEXAS WATER COMMISSION
(Use reverse side if necessary)

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the logs being returned for completion and resubmittal.

COMPANY NAME: Stang Dewatering Inc. Water Well Driller's License No. 2644 W
 ADDRESS: 3801 Trailmobile Dr. (City) Houston (State) Texas (Zip) 77013
 (Signed) [Signature] (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use this Well No. 65-14-7 Located on map _____

TWC-0392 (Rev. 06-10-85)

TEXAS WATER COMMISSION COPY

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 48 Distance from Property: 0.97 mi. NNE

ID NUMBER: TX205283
STATE ID : 65-14-7
OWNER NAME: GREENFIELD CONST WELL #16
DATE DRILLED: 06/24/1986
DEPTH DRILLED: 73'
STATIC LEVEL: 45'
WATER USAGE: DE-WATERING
LONGITUDE: -95.349529000
LATITUDE: 29.774019000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205283

Please use black ink. Send original copy by certified mail to the Texas Water Commission, P.O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

Well # 16
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Greenfield Const (Name) Address Houston Texas (City) (State) (Zip)

2) LOCATION OF WELL: County Harris (City) (State) (Zip) direction from Houston (Town)

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other De-watering

5) DRILLING METHOD (Check): Cased Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other

6) WELL LOG: Date Drilling: Started 6-24-86 Completed 19

DIAMETER OF HOLE: Dia. (in.) From (ft.) To (ft.)

0-1	Gravel	15	Surface	23
1-5	Blue Clay			
5-22	Red & White Clay			
22-34	Sand Stone			
34-35	Sand			
35-36	Sand Stone			
36-71	Brown Sand			
71-73	Red Clay			

7) BOREHOLE COMPLETION: Gravel Packed Open Hole Straight Wall Underreamed Other

If Gravel Packed give interval ... from 10 ft. to 23 ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mat., if commercial	Setting (ft.)		Gage Casing Screen
						From	To	
0	1	Gravel						
1	5	Blue Clay			6 N P.V.C. RISER	0	51	
5	22	Red & White Clay			6 N P.V.C. SCREEN	51	71	DRD

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
Method used NONE
Cemented by _____

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)] NONE
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 4.5 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____
NONE

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: Pump Bailer Jetted Estimated
Yield: _____ gpm with static ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Stang De-watering (Type or Print) Water Well Driller's License No. 2644 W

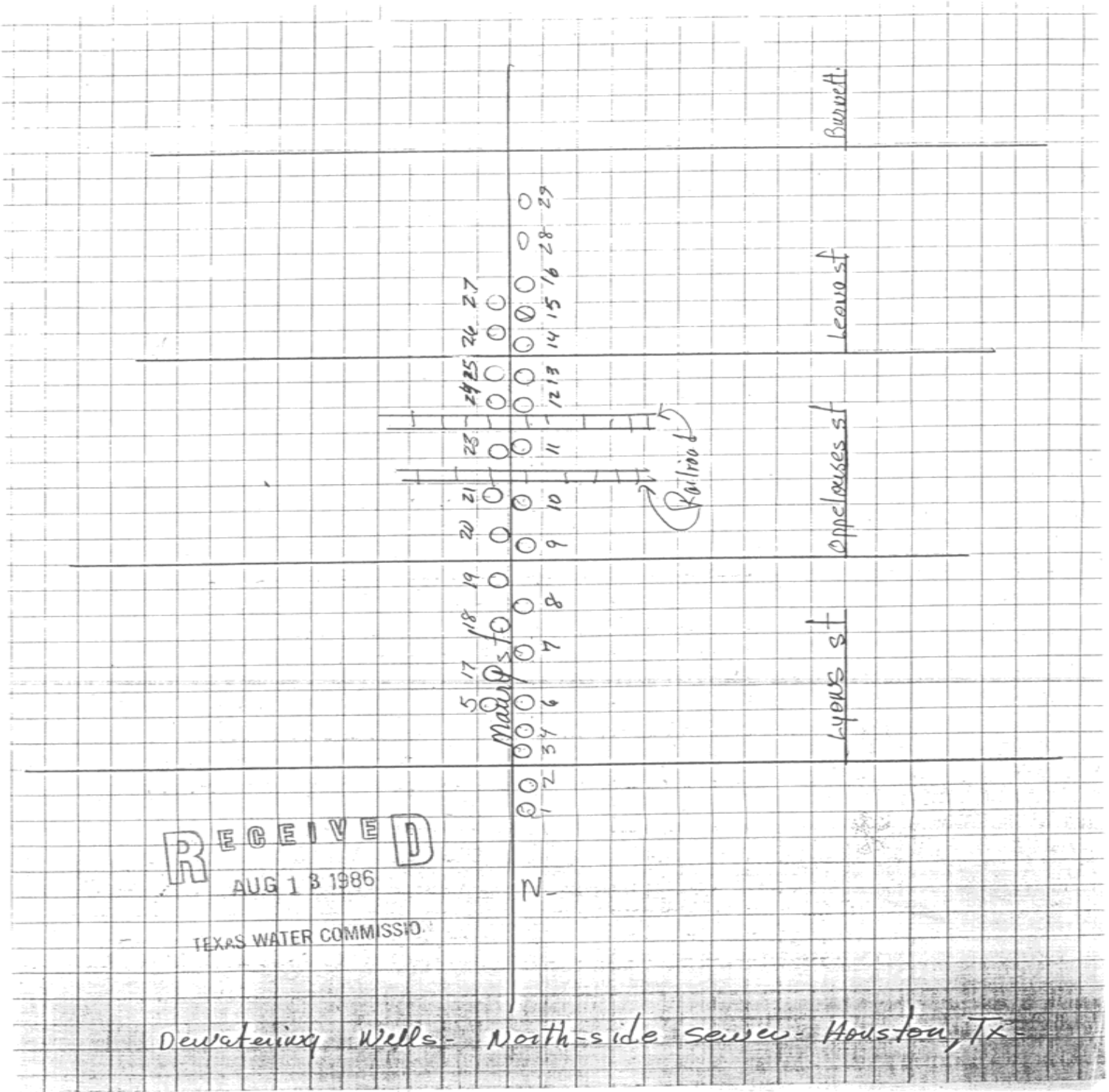
ADDRESS 3801 Frail mobile Dr. (Street or RFD) (City) Houston (State) Texas (Zip) 77013

(Signed) [Signature] (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use only Well No. 65-14-7 Located on map

TWC-0392 (Rev. 06-10-85)

TEXAS WATER COMMISSION COPY



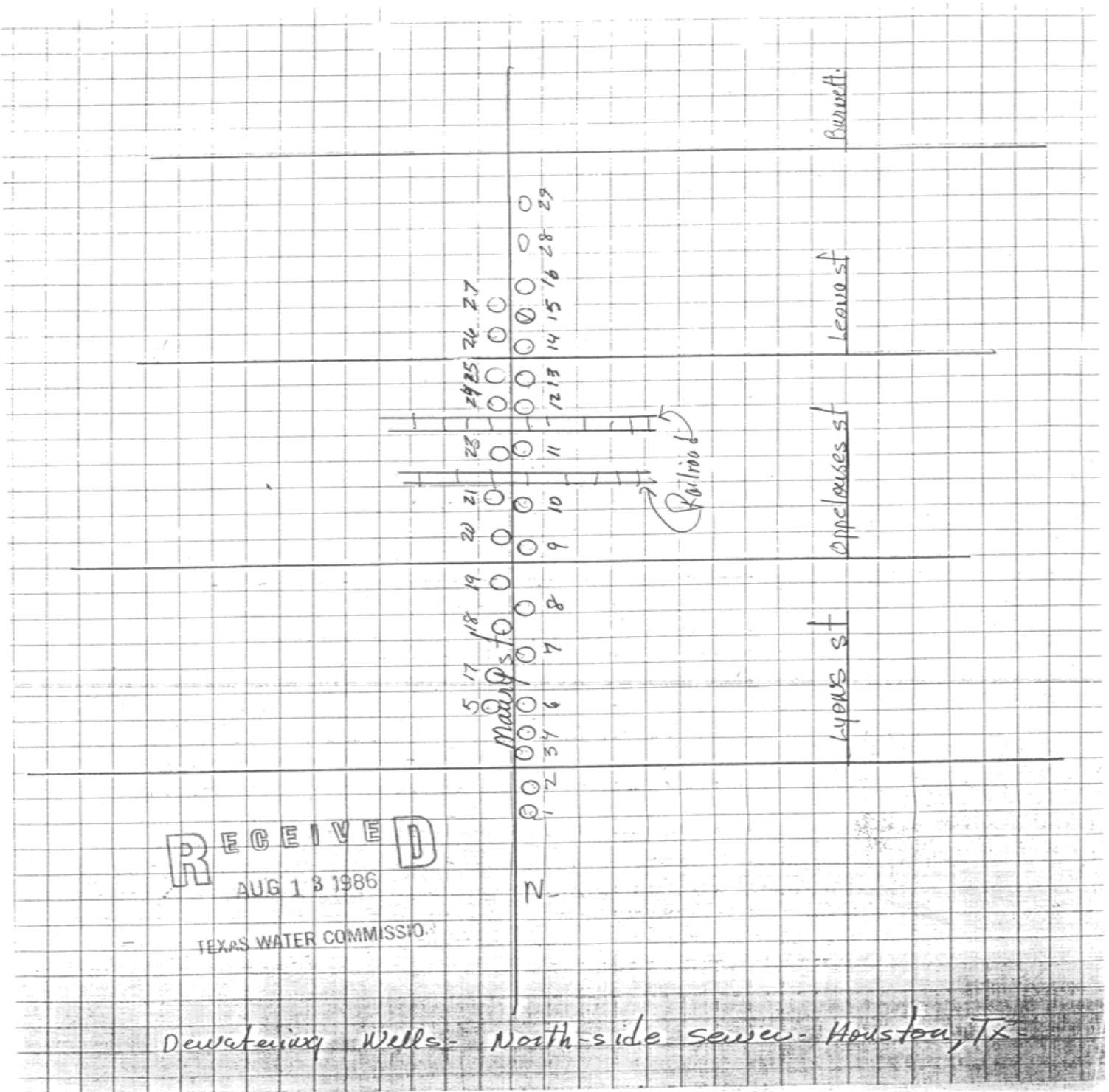
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 48 Distance from Property: 0.95 mi. NNE

ID NUMBER: TX205293
STATE ID : 65-14-7
OWNER NAME: GREENFIELD CONST. WELL #27
DATE DRILLED: 07/12/1986
DEPTH DRILLED: 72'
STATIC LEVEL: 37'
WATER USAGE: DE-WATERING
LONGITUDE: -95.349857000
LATITUDE: 29.773889000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
 Water Well ID: 205293



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205293

Please use black ink. Send original copy by certified mail to the Texas Water Commission, P.O. Box 13087, Austin, Texas 78711

State of Texas WATER WELL REPORT
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER: GreenField Const (Name) Address: Houston Texas (City) (State) (Zip)

2) LOCATION OF WELL: County: Harris miles in: _____ direction from: Houston (Town)

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other: Drinking

5) DRILLING METHOD (Check): Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other

6) WELL LOG: Date Drilling: Started 7-12-86 Completed 7-12-86

From (ft.)	To (ft.)	DIAMETER OF HOLE	
		Dia. (in.)	To (ft.)
0-2	2-5	15"	72
2-5	5-33		
5-33	33-70		
33-70	70-72		

7) BOREHOLE COMPLETION: Open Hole Straight Wall Underreamed Gravel Packed Other

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mat., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
6 N		P.D.C. Riser	0	50	
6 N		P.D.C. SCREEN	50	70	DDO

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
Method used: NONE

10) SURFACE COMPLETION NONE!
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level: 37 ft. below land surface Date: _____
Artesian flow: _____ gpm. Date: _____

12) PACKERS: Type _____ Depth _____

13) TYPE PUMP: Turbine Jet Submersible Cylinder
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: Pump Bailor Jetted Estimated
Yield: _____ gpm with 10 ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME: Stang Dewatering Water Well Driller's License No. 2644W
ADDRESS: 3801 Trailmobile Dr. (City) Houston (State) Texas (Zip) 77017
(Signed) Jimmy Allen (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use only: Well No. _____ Located on map: 65-14-7

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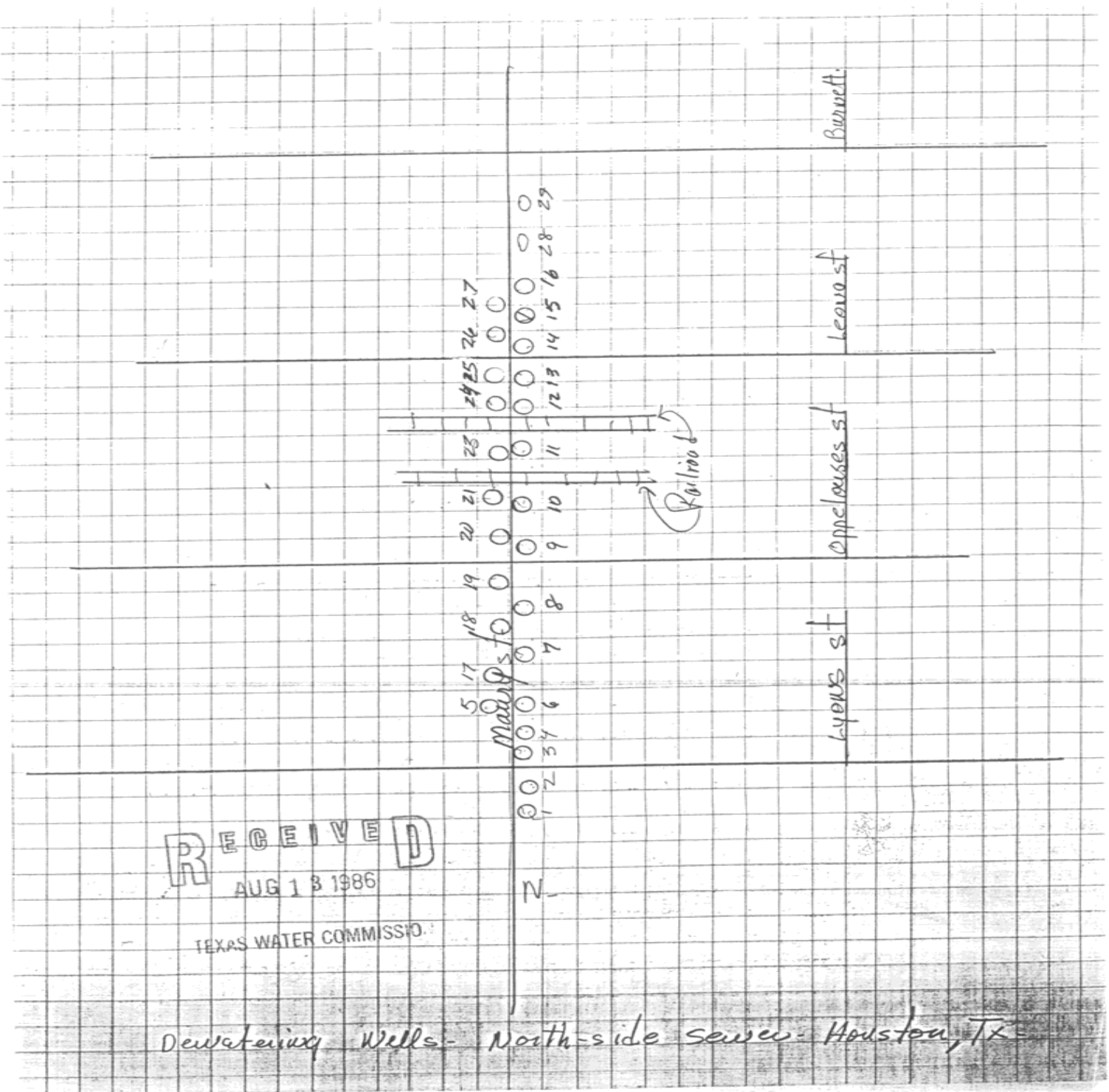
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 48 Distance from Property: 0.95 mi. NNE

ID NUMBER: TX205278
STATE ID : 65-14-7
OWNER NAME: GREENFIELD CONSTRUCTION WELL #11
DATE DRILLED: 06/19/1986
DEPTH DRILLED: 72'
STATIC LEVEL: 40'
WATER USAGE: DE-WATERING
LONGITUDE: -95.349363000
LATITUDE: 29.773716000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205278



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205278

Please use black ink. Send original copy by certified mail to the Texas Water Commission, P.O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER: Greenfield Const. (Name) Address: _____ (Street or RFD) _____ (City) _____ (State) _____ (Zip)

2) LOCATION OF WELL: County Harris _____ miles in _____ direction from Houston (Town)

3) TYPE OF WORK (Check):
 New Well Deepening
 Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Monitor Public Supply
 Irrigation Test Well Injection Other: Drinking

5) DRILLING METHOD (Check):
 Driven
 Mud Rotary Air Hammer Jetted Bored
 Air Rotary Cable Tool Other _____

6) WELL LOG:
 Date Drilling: Started 6-19-86 Completed 6-19-86
 DIAMETER OF HOLE: Dia. (in.) From (ft.) To (ft.)
 Surface: 15" 72

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
 If Gravel Packed give interval ... from 10 ft. to 72 ft.

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mat., if commercial	Setting (ft.)		Gage Casing Screen
						From	To	
<u>0-1</u>		<u>Sand & Gravel</u>						
<u>1-34</u>		<u>Red & White Clay</u>	<u>6 N</u>		<u>P.V.C. Screen</u>	<u>0</u>	<u>52</u>	
<u>34-35</u>		<u>Sand Stone</u>	<u>6 N</u>		<u>P.V.C. Screen</u>	<u>52</u>	<u>72</u>	<u>DN</u>
<u>35-70</u>		<u>BROWN Sand w/ some clay</u>						
<u>70-72</u>		<u>Red Clay</u>						

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

9) CEMENTING DATA [Rule 319.44(b)]
 Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
 Method used: None
 Cemented by: _____

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)] None
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
 Static level 40 ft. below land surface Date 6-19-86
 Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
 Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
 Type Test: Pump Bailor Jetted Estimated
 Yield: 12 gpm with total ft. drawdown after _____ hrs.

15) WATER QUALITY:
 Did you knowingly penetrate any strata which contained undesirable water? Yes No
 If yes, submit "REPORT OF UNDESIRABLE WATER"
 Type of water? _____ Depth of strata _____
 Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME: Stang Dewatering Inc. (Type or Print) Water Well Driller's License No. 26446
 ADDRESS: 3801 Trailmobile Dr. (Street or RFD) Houston (City) Texas (State) 77017 (Zip)
 (Signed) [Signature] (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)
 Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use only: Well No. 65-14-7 Located on map _____

TWC-0392 (Rev. 06-10-85)

TEXAS WATER COMMISSION COPY



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 49 Distance from Property: 0.95 mi. NNE

ID NUMBER: TX205279
STATE ID : 65-14-7
OWNER NAME: GREENFIELD CONSTRUCTION WELL #12
DATE DRILLED: 06/20/1986
DEPTH DRILLED: 69'
STATIC LEVEL: 40'
WATER USAGE: DE-WATERING
LONGITUDE: -95.349317000
LATITUDE: 29.773708000

2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205279

Please use black ink. Send original copy by certified mail to the Texas Water Commission, P.O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

Well # 12

1) OWNER GreenField Const. (Name) Address _____ (Street or RFD) _____ (City) _____ (State) _____ (Zip)

2) LOCATION OF WELL: County Harris _____ miles in _____ (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map. 65-14-7

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other Deaerating

5) DRILLING METHOD (Check): Driven Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other _____

6) WELL LOG: Date Drilling: Started 6-20-1986 Completed 19

From (ft.)	To (ft.)	DIAMETER OF HOLE	
		Dia. (in.)	From (ft.) To (ft.)
0-1	1-34	15"	69'

7) BOREHOLE COMPLETION: Open Well Straight Wall Undrilled Gravel Packed Other _____
If Gravel Packed give interval ... from 10 ft. to 69 ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mat., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
6	N	P.V.C. RISER	0	49	
6	N	P.V.C. SCREEN	49	69	ODD

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
Method used NONE
Cemented by _____

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)] NONE
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 40 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth NONE

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: Pump Bailor Jetted Estimated
Yield: 20 gpm with 10 ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Stang Deaerating Inc. (Type or Print) Water Well Driller's License No. 26446

ADDRESS 3801 Trailmobile Dr (Street or RFD) Houston (City) Texas (State) 77013 (Zip)

(Signed) Jimmy Allen (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use only Well No. 65-14-7 Located on map _____

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TEXAS WATER COMMISSION

TWC-0392 (Rev. 06-10-85)

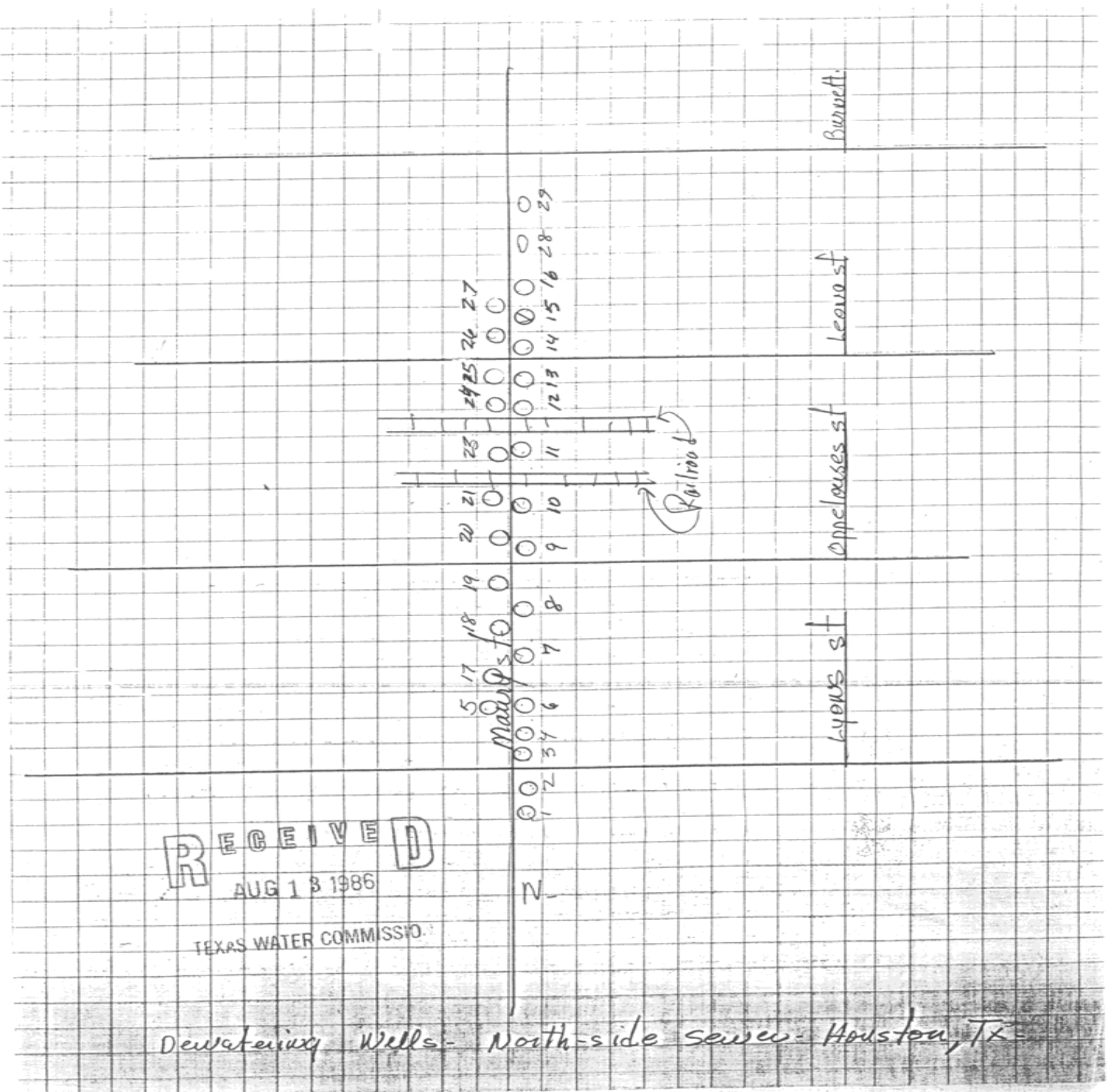
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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205279



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 50 Distance from Property: 0.95 mi. E

STATE ID: **65-14-762**
OWNER'S NAME: **LEAD PRODUCTS CO.**
DATE DRILLED: **00/00/1953**
DEPTH DRILLED: **258'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.337280000**
LATITUDE: **29.757870000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514762/6514762.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-762

Texas Water Development Board Well Schedule

State Well Number 6514762 **Previous Well Number** **County** Harris 201
River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294527 **Longitude** 952016 **Source of Coords** 3

Owner's Well No. _____ **Location** _____
Owner Lead Products Co. **Driller** H.L. Jackson

Address _____ **Tenant/Oper.** _____

Date Drilled / /1953 **Depth** 258 **Source of Depth** **Altitude** 40 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION **Const-Method** **Casing Material** Blank
Completion **Screen Material** Blank **Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____**

LIFT DATA - Pump Mfr. - _____ **Type** - NONE **No. Stages** _____
Bowls Diam. - _____ in. **Setting** - _____ ft. **Column Diam.** - _____ in.
Motor Mfr. - _____ **Fuel or Power** - blank **Horsepower** - _____
YIELD Flow- _____ **GPM** **Pump** _____ **GPM** **Meas.,Rept.,Est.-** _____ **Date-** _____

WATER USE **Primary** - UNUSED **Secondary** - blank **Tertiary** - blank

OTHER DATA AVAILABLE **Water Levels** - M **Quality** - Y **Logs** - **Other Data** -

WATER LEVELS 1 measurement
1955
-110

Recorded By _____ **Date Record Collected or Updated** - / /
Reporting Agency

REMARKS -
Screen from 233 ot 258 ft. Reported yield 100 gpm when drilled.

Aquifer - 112CHCTL **ID** - 15
CHICOT
AQUIFER,LOWER

Tuesday, August 30, 2005

Well Number - 6514762



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

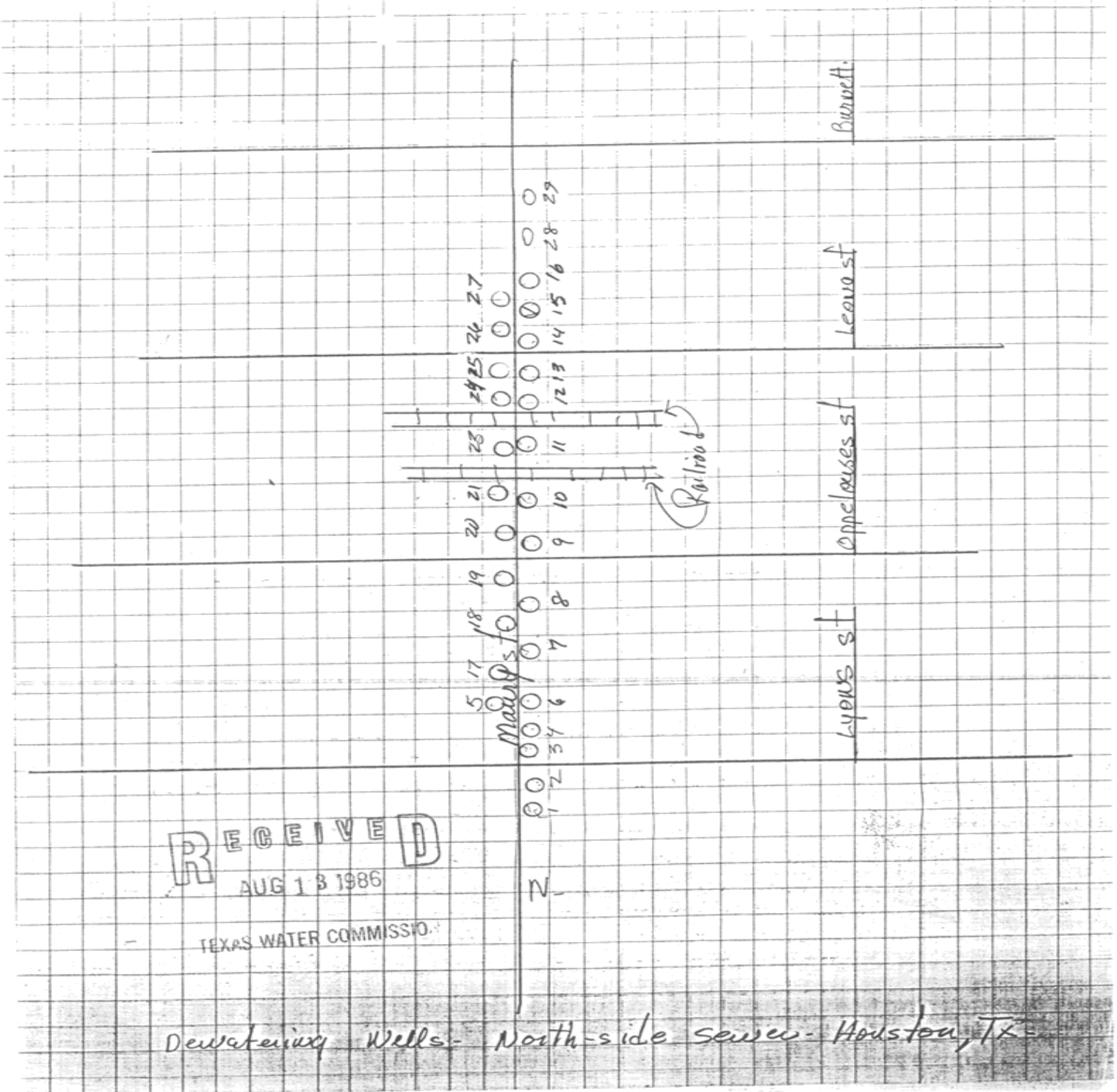
MAP ID# 51

Distance from Property: 0.98 mi. NNE

ID NUMBER: TX205294
STATE ID : 65-14-7
OWNER NAME: GREENFIELD CONST. WELL #28
DATE DRILLED: 07/14/1986
DEPTH DRILLED: 72'
STATIC LEVEL: 40'
WATER USAGE: DE-WATERING
LONGITUDE: -95.349538000
LATITUDE: 29.774198000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205294



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205294

Please use black ink. Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER: Greenfield Const. (Name) Address: Houston Texas (City) (State) (Zip)

2) LOCATION OF WELL: County: Harris miles in _____ direction from Houston (Town)

3) TYPE OF WORK (Check):
 New Well Deepening
 Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Monitor Public Supply
 Irrigation Test Well Injection Other: De-watering

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Jetted Bored
 Air Rotary Cable Tool Other _____

6) WELL LOG:
 Date Drilling: Started 7-14-86 Completed 7-14-86
 DIAMETER OF HOLE: From (ft.) 15 To (ft.) 72
 Surface _____

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
 If Gravel Packed give interval ... from 10 ft. to 72 ft.

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Sloped, etc. Screen Mat., if commercial	Setting (ft.)		Gage Casing Screen
						From	To	
<u>0-2</u>		<u>Gravel</u>						
<u>2-34</u>		<u>Red Clay</u>			<u>6 N P.V.C. RISER</u>	<u>0</u>	<u>50</u>	
<u>34-70</u>		<u>Brown Sand</u>			<u>6 N P.V.C. SCREEN</u>	<u>50</u>	<u>70</u>	<u>1000</u>
<u>70-72</u>		<u>Red Clay</u>						

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

9) CEMENTING DATA [Rule 319.44(b)]
 Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
 Method used: NONE
 Cemented by _____

10) SURFACE COMPLETION NONE
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
 Static level 40 ft. below land surface Date _____
 Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
 Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
 Type Test: Pump Bailor Jetted Estimated
 Yield: _____ gpm with 10 ft. drawdown after _____ hrs.

15) WATER QUALITY:
 Did you knowingly penetrate an area which contained undesirable water? Yes No
 If yes, submit "REPORT OF UNDESIRABLE WATER"
 Type of water? _____ Depth of strata _____
 Was a chemical analysis made? Yes No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME: Stang De-watering Water Well Driller's License No. 26446
 ADDRESS: 3801 Trailmobile Dr. (City) Houston (State) Texas (Zip) 77013
 (Signed) James R. Stang (Registered Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use (one) Well No. 65-14-7 Located on map _____

RECEIVED
AUG 13 1986

TEXAS WATER COMMISSION

TWC-0392 (Rev. 06-10-85)

TEXAS WATER COMMISSION COPY

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 52 Distance from Property: 0.99 mi. NNE

ID NUMBER: TX205295
STATE ID : 65-14-7
OWNER NAME: GREENFIELD CONST. WELL #29
DATE DRILLED: 07/15/1986
DEPTH DRILLED: 71'
STATIC LEVEL: 40'
WATER USAGE: DE-WATERING
LONGITUDE: -95.349538000
LATITUDE: 29.774369000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205295

Please use black ink. Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

Well # 29
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Greenfield Court (Name) Address Houston Texas (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles in _____ direction from Houston (Town)

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other Dewatering

5) DRILLING METHOD (Check): Driven Air Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other _____

6) WELL LOG: Date Drilling Started 7-15 1986 Completed 7-15 1986

From (ft.)	To (ft.)	DIAMETER OF HOLE	
		Dia. (in.)	From (ft.) To (ft.)
		Surface	
		<u>15"</u>	<u>71</u>

7) BOREHOLE COMPLETION: Open Hole Straight Wall Underreamed Gravel Packed Other _____

If Gravel Packed give interval ... from 10 ft. to 71 ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mat., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
		<u>6 H P.V.C. RISER</u>	<u>0</u>	<u>49</u>	
		<u>6 H P.V.C. SCREEN</u>	<u>49</u>	<u>69</u>	<u>1020</u>

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
Method used NONE
Cemented by _____

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)] NONE
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 40 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____

13) TYPE PUMP: Turbine Jet Submersible Cylinder
Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: Pump Bailer Jetted Estimated
Yield: _____ gpm with total ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Stang Dewatering (Type or Print) Water Well Driller's License No. 2644W

ADDRESS 3801 Trailmobile Dr. (Street or RFD) (City) Houston Texas (State) 77013 (Zip)

(Signed) Jimmy Allen (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

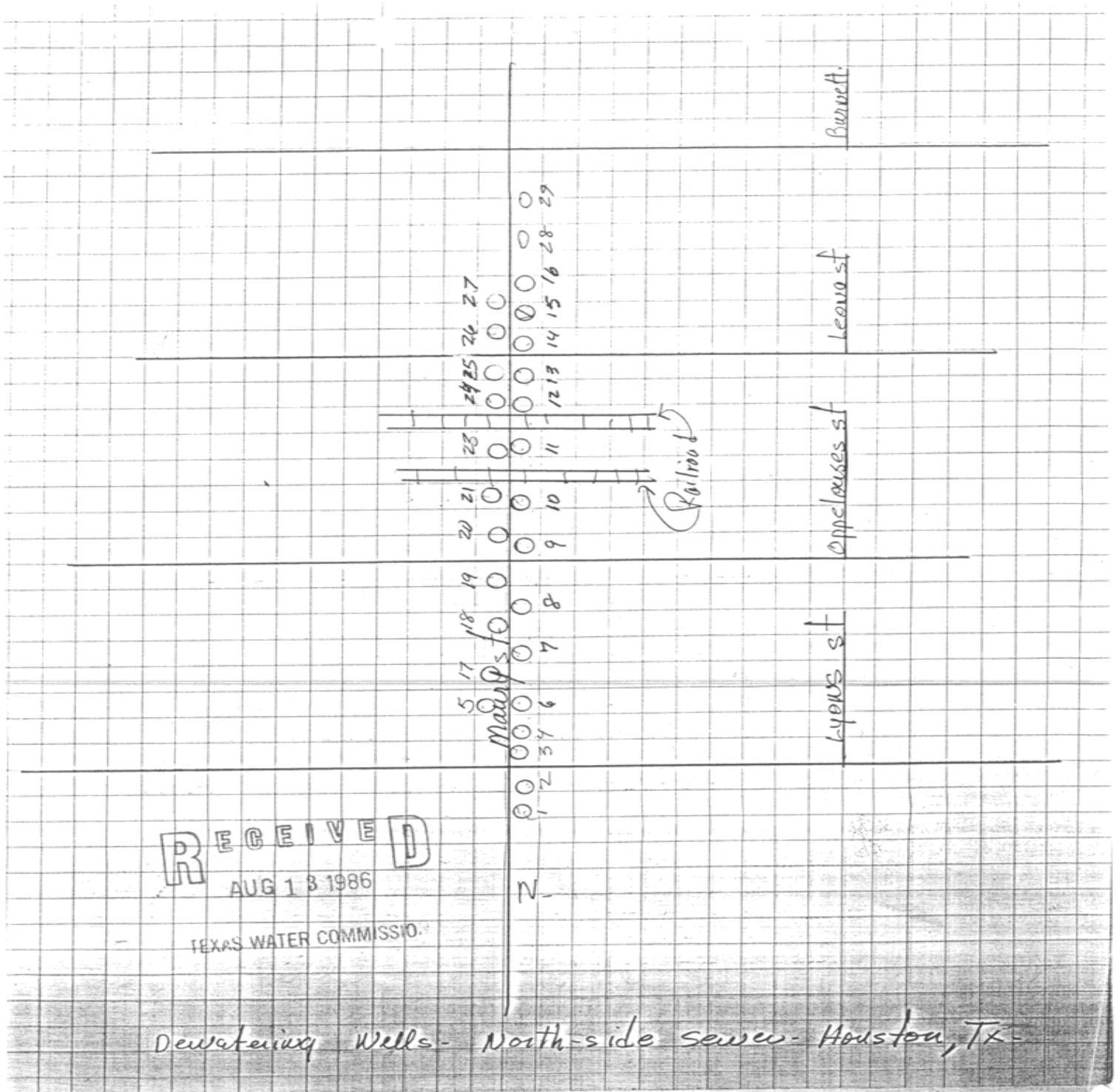
Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use only Well No. 65-14-7 Located on map _____

RECEIVED
AUG 13 1986

TEXAS WATER COMMISSION
(Use reverse side if necessary)

TWC-0392 (Rev. 06-10-85)

TEXAS WATER COMMISSION COPY



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 53 Distance from Property: 0.99 mi. WSW

STATE ID: 65-14-763
OWNER'S NAME: MEMORIAL BAPTIST HOSPITAL
DATE DRILLED: 00/00/1963
DEPTH DRILLED: 1500'
WATER USAGE: OTHER
LONGITUDE: -95.369460000
LATITUDE: 29.756890000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514763/6514763.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 6
State ID: 65-14-763

TEXAS DEPARTMENT OF WATER RESOURCES
WELL SCHEDULE

Aquifer(s) Evangelino Project No. State Well No. 65-14-763
Field No./Owner's Well No. County Harris

1. Location: #, #, Section, Block, Survey, Lat., Long.

2. Owner: Memorial Baptist Hospital Address:
Tenant (other): Address:

Driller: Layne Texas Address:

3. Land Surface Elevation: 52 ft. above msl determined by

4. Drilled: 19 63; Dug, Cable Tool, Rotary, Air,

5. Depth: Rept. 1500 ft. Meas. ft.

6. Borehole Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed

7. Pump: Mfr. Type
No. Stages, Bowls Diam. in., Setting ft.
Column Diam. in., Length Tailpipe ft.

8. Motor: Mfr. Fuel HP.

9. Yield: Flow gpm, Pump gpm, Meas., Rept., Est. Date

10. Performance Test: Date 5/63 Length of Test Made by LT
Static Level 284 ft. Pumping Level ft. Drawdown 39 ft.
Production 713 gpm Specific Capacity gpm/ft.

11. Quality: (Remarks on taste, odor, color, etc.)

Analyses
Date Laboratory TDS Sp Cond
Date Laboratory TDS Sp Cond

12. Other data available (as circled): Pumping Test, Power & Yield Test, Drillers Log,
Formation Samples, Geophysical Log(s) (type)

13. Water Level(s): ft. rept. 19 above which is ft. above Land Surface
meas. below
ft. rept. 19 above which is ft. above Land Surface
meas. below

14. Use: Dom., Stock, Public Supply, Ind., Irr., Observation, Other (Test Hole, Oil Test, etc.)

15. Recorded by: Source of data: Date:

16. Remarks:

17. Location or Sketch:

Table with columns: Diam. (In.), Type, Setting (feet) From, to. Title: CASING, BLANK PIPE & WELL SCREEN Cemented From ft. to ft.



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 6
State ID: 65-14-763

FORM NO. 28

65-14-763 map 102(2)

LAYNE TEXAS COMPANY
HOUSTON DALLAS
WELL LOG

REPORT NO. 6377-63
S. O. 2404-63
PAGE 1 OF 2
FILE NO. 2768
DATE 5/10/63

CUSTOMER LOCATION FOR MEMORIAL BAPTIST HOSPITAL LOCATION WELL 602 DALLAS, HOUSTON SURVEY _____ FIELD _____ COUNTY HARRIS STATE TEXAS OTHER LAND MARKS _____		WELL DATA NAME WELL _____ WELL NO. 1 ELEVATION _____ DATUM _____ RT _____ C 7-7/8" GR _____ TEST HOLE SIZE 9-7/8" TD 1500' DATE STARTED DRILLING 5-6-63 DATE FINISHED DRILLING 5-9-63 DRILLER GUY PATTON RIG NO. 247 TYPE MUD JEL NO. SACKS 30 ELECTRIC LOG YES TYPE WIDCO SURVEY EASTMAN TYPE SINGLE-SHOT OTHER DRILLER: F. R. WALL	
---	--	---	--

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES	
			DEPTH	TYPE
0		SURFACE		
91	91	RED SANDY CLAY		
237	146	SAND		
245	8	BLUE CLAY & SANDY CLAY		
299	54	WHITE FINE SAND		
328	29	GRAY SHALE		
332	8	BROWN SAND & SANDY SHALE		
360	28	SANDY SHALE & SHALE BREAKS		
385	25	SAND & SHALE BREAKS		
438	53	SHALE & SAND STREAKS		
472	34	SAND-CUT GOOD		
512	40	SHALE		
520	8	SAND-CUT GOOD		
552	32	SANDY SHALE		
563	11	SAND-CUT GOOD, STRKS. OF LIME		
598	35	SHALE		
612	14	SANDY SHALE		
629	17	SHALE		
650	21	SAND & HARD STREAKS		
678	28	SHALE		
736	58	SAND-CUT GOOD		
751	15	SANDY SHALE & SAND STREAKS		
768	17	SAND & SHALE BREAKS		
788	20	SANDY SHALE		
798	10	SAND		
810	12	SHALE & STREAKS OF SAND		
844	34	SAND & SANDY SHALE		
880	36	SANDY SHALE		
892	12	SAND & SHALE BREAKS		
1011	119	SHALE		
1028	17	SAND		
1032	4	SHALE & SANDY SHALE		
1082	50	SAND		
1106	24	SHALE		
1122	16	SANDY SHALE & SAND STREAKS		
1139	17			

65-14-763 (5-14-76)



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

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State ID: 65-14-763

FORM NO. 28

LAYNE TEXAS COMPANY
HOUSTON -:- DALLAS
WELL LOG

REPORT NO. 6377-63
S O 2404-63
PAGE 2 OF 2
FILE NO. 2768
DATE 5/10/63

CUSTOMER LOCATION FOR MEMORIAL BAPTIST HOSPITAL LOCATION WELL 602 DALLAS, HOUSTON SURVEY FIELD COUNTY HARRIS STATE TEXAS OTHER LAND MARKS		WELL DATA NAME WELL WELL NO. 1 ELEVATION DATUM RT TEST HOLE SIZE 9-7/8" C & 7-7/8" GR TO 1500' DATE STARTED DRILLING 5-6-63 DATE FINISHED DRILLING 5-9-63 DRILLER BUY PATTON RIG NO. 247 TYPE MUD JEL NO SACKS 30 ELECTRIC LOG YES TYPE WIDCO SURVEY EASTMAN TYPE SINGLE SHOT OTHER DRILLER: F. R. WALL	
---	--	---	--

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES	
			DEPTH	TYPE NUMBER
1139		SHALE		
1193	54	SAND, SHALE & SAND STREAKS		
1210	17	SAND, SHALE & SAND STREAKS		
1244	34	SHALE		
1294	50	SAND		
1315	21	SHALE		
1321	6	SAND & SHALE LAYERS		
1350	29	SAND & SHALE LAYERS		
1380	30	SHALE		
1399	19	SAND & SHALE BREAKS		
1476	77	SHALE		
1500	24			
TOTAL DEPTH 1500 FT.				

Attach:
4 pages
WWD# 65-14-7A
65-14-763

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 4 out of 6
State ID: 65-14-763

FORM NO. 1202

65-14-7a

LAYNE TEXAS COMPANY
HOUSTON DALLAS
MATERIAL SETTING

REPORT NO. 6378
S O 2404-63
PAGE 1 OF 1
FILE NO. 2768
DATE 5/31/63

CUSTOMER LOCATION		WELL DATA	
FOR MEMORIAL BAPTIST HOSPITAL		NAME WELL	WELL NO. 1
LOCATION WELL 602 DALLAS AVENUE, HOUSTON		ELEVATION	DATUM
SURVEY	FIELD	TYPE WELL	GRAVEL-WALL
COUNTY, HARRIS	STATE TEXAS	SURFACE CASING CEMENTED	YES NO. SACKS 500+8% JEL
OTHER LAND MARKS		SIZE HOLE UNDERREAMED	30" DEPTH 1500'
		GRAVEL TYPE	12, 13, 165 NO. CU YDS 72
		TYPE SCREEN	SS WW RIB CHANNEL GAGE .045" GA.
		DRILLER	GUY PATTON RIG NO. 247
		OTHER	F. R. WALL

DEPTH	LENGTH	SIZE, KIND, WEIGHT MATERIAL	SKETCH
0		SIDEWALK LEVEL	
1180.26'		TOP OF 8-5/8" O.D. LINER	
80'		20" O.D. CONDUCTOR PIPE	
1285'	1285'	14" O.D. SURFACE CASING	
1293.06'	112.28'	8-5/8" O.D. BLANK LINER	
1313.60'	20.54'	8-5/8" O.D. S.S. W.W. RIB CHANNEL SCREEN .045" GA.	
1323.33'	9.73'	8-5/8" O.D. BLANK PIPE	
1389.07'	65.74'	8-5/8" O.D. S.S. W.W. RIB CHANNEL SCREEN .045" GA.	
1403.80'	14.73'	8-5/8" O.D. BLANK PIPE	
1439.70'	35.90'	8-5/8" O.D. S.S. W.W. RIB CHANNEL SCREEN .045" GA.	
1454.72'	15.02'	8-5/8" O.D. BLANK PIPE	
1479.83'	25.11'	8-5/8" O.D. S.S. W.W. RIB CHANNEL SCREEN .045" GA.	
1497.73'	17.90'	8-5/8" O.D. BLANK PIPE	
1500.00'	2.27'	8-5/8" O.D. P.P. SET NIPPLE, WOOD WASH PLUG AND B.P. VALVE	
TOTAL DEPTH 1500 FEET			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 5 out of 6
State ID: 65-14-763

65-14-7a LAYNE TEXAS COMPANY
HOUSTON -- DALLAS
WATER WELL TEST

REPORT NO 6379
S.O. 2404-63
PAGE 1 OF 1
FILE NO 2768
DATE 5/31/63

CUSTOMER LOCATION TEST FOR MEMORIAL BAPTIST HOSPITAL LOCATION OF WELL 602 DALLAS AVENUE, HOUSTON SURVEY FIELD COUNTY HARRIS STATE TEXAS DESCRIPTION OF LAND MARKS		WELL DATA NAME WELL SAME WELL NO. 1 ELEVATION DATUM WELL SIZE 20"x14" x 8-5/8" x 30" U.R. TOTAL DEPTH 1500' TOP SCREEN 1293.06' GRAVEL WELL YES STRAIGHT WELL TYPE SCREEN SS WW RIB CHANNEL .045" TEMPERATURE OF WATER WATER CONDITION	
---	--	--	--

WATER MEASURING DEVICE ORIFICE SIZE 10"x7" LENGTH 10' OTHER		TEST PUMP DATA DEPTH SETTING TOP OF BOWL 360' LENGTH AIR LINE 354' SIZE 1/4" HEAD BOWL 12" WMC NO. STAGES 10 LENGTH BOWL SECTION FT.	
--	--	--	--

SOLID CONTENT 0 OZ PER 100 GAL. ACTIVE STATIC HEAD AFTER PUMP STOPPED 5 MIN 287 FT. 20 MIN 285 FT. 10 MIN 286 FT. 25 MIN 284 FT. 15 MIN 285 FT. 30 MIN 284 FT. S.L. BEFORE START 282 FT.	WATER SAMPLE TAKEN NO. SAMPLES BACTERIOLOGICAL SAMPLE TAKEN DRAWDOWN SPECIFIC CAPACITY
---	--

DATE HOUR	AIR LINE STAGE	PUMPING LEVEL	DISCH. PRESS.	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
5/28/63 - 7:00 A.M. STARTED TEST ON					713			
7:30AM	33	319		12	728			
8:00	33	319		12	728			T. SAND
8:30	32	320		11 1/2	713			
9:00	32	320		11 1/2	713			
9:30	32	320		11 1/2	713			
10:00	31	321		11 1/2	713			
10:30	31	321		11 1/2	713			
11:00	31	321		11 1/2	713			
11:30	31	321		11 1/2	713			
12:00 N	31	321		11 1/2	713			
12:30 PM	30	322		11 1/2	713			
1:00	30	322		11 1/2	713			
1:30	30	322		11 1/2	713			
2:00	29	323		11 1/2	713			
2:30	29	323		11 1/2	713			
3:00	29	323		11 1/2	713			
3:30	29	323		11 1/2	713			
4:00	29	323		11 1/2	713			
4:30	29	323		11 1/2	713			
5:00	29	323		11 1/2	713			
5:30	29	323		11 1/2	713			
6:00	29	323		11 1/2	713			
6:30	29	323		11 1/2	713			
7:00	29	323		11 1/2	713			

OBSERVERS

GUY PATTON - F. R. WALL
FOR LAYNE TEXAS CO.

65-14-7a
703



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 6 out of 6
State ID: 65-14-763

MICROBIOLOGY SERVICE LABORATORIES

65-14-7a

RI 7-7271
-RI-7-0170

analytical chemists . . . microbiologists

4 June 1968

Houston 21, Texas
4820 Old Spanish Trail

To: Layne Texas Company
Houston 11, Texas

SO 2401-68

Sample marked: Well No. 1, Memorial Baptist Hospital, Houston, Harris Cty, Texas.
Taken: 5-24-68 after 12 Hrs. pumping at 713 gpm with Test Pump. Static Head: 330'.
Pumping Level: 333'. Screened: 1005 - 1507.

Received: 5-31-68.

WATER ANALYSIS
results in parts per million (mg/l) except as noted

Dissolved Residue at 105°C		543	Conductance, micromhos/cm, 25°C	650
Total Dissolved Solids, actual†		550	Color, units	< 5
Total Dissolved Solids, calc.		543	Turbidity, units	0
Silica	SiO ₂	13	As Calcium Carbonate, CaCO ₃ :	
Iron and Aluminum Oxides	R ₂ O ₃	1	Phenolphthalein Alkalinity	0
Calcium	Ca	13	Total Alkalinity	360
Magnesium	Mg	4	Total Hardness	48
Sodium (diff.) Na+K as	Na	136	Free Carbon Dioxide CO ₂	5
Carbonate	CO ₃	0	pH . . .	8.0
Bicarbonate	HCO ₃	317	HYPOTHETICAL COMBINATIONS	
Sulfate	SO ₄	0	Calcium Bicarbonate	53
Chloride	Cl	50	Magnesium Bicarbonate	23
Total Iron	Fe	0.13	Sodium Bicarbonate	356
			Sodium Chloride	50
			SiO ₂ +R ₂ O ₃	14
			Total Dissolved Solids, calc.	543

† Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO₃) ion

Microbiology Service Laboratories

By: Edna Wood

65-14-7a
703

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-763

Texas Water Development Board Well Schedule

State Well Number 6514763 Previous Well Number _____ County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294526 Longitude 952207 Source of Coords 2

Owner's Well No. _____ Location _____
Owner Memorial Baptist Hospital Driller Layne Texas Co.

Address _____ Tenant/Oper. _____

Date Drilled / /1963 Depth 1500 Source of Depth _____ Altitude 52 Source of Alt. _____
Well Type W User _____

WELL CONSTRUCTION Const-Method _____ Completion _____ Casing Material _____ Screen Material _____ Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - _____ No. Stages _____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - _____ Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - PUBLIC SUPPLY Secondary - _____ Tertiary - _____

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - _____ Other Data - _____

WATER LEVELS 1 measurement
1963
-284

Recorded By _____ Date Record Collected or Updated - 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: 148 ft. of screen between 1,293 and 1,480 ft.
Yield: 713 gpm with 39 ft. drawdown when drilled.

Aquifer - 121EVGL ID - 15
EVANGELINE
AQUIFER

Well Number - 6514763

Wednesday, December 28, 2005



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 54 Distance from Property: 1.00 mi. WNW

STATE ID: 65-14-707
OWNER'S NAME: CITY OF HOUSTON CENTRAL
DATE DRILLED: 00/00/1945
DEPTH DRILLED: 2035'
WATER USAGE: UNUSED
LONGITUDE: -95.369259000
LATITUDE: 29.764502000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514707/6514707.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 6
State ID: 65-14-707

WRD Exp. (GW)
April 1966

Well No. 65-14-707

WELL SCHEDULE GEOLOGICAL SURVEY

U. S. DEPT. OF THE INTERIOR

WATER RESOURCES DIVISION - (C)

MASTER CARD (T. Brown)
R.K.G. (7-21-65)

Record by Joe W. Long Source of data FILES Date 2-20-68 Map Set H 905 1955
(2-12-66)

State TEXAS County HARRIS Sequential number: 1

Latitude: 29° 45' 51" W Longitude: 095° 22' 10" W

Local well number: 4J-65-14-707 Other number: WELL C-18

Local use: _____ Owner of name: CITY OF HOUSTON

Owner or name: CITY OF HOUSTON Address: CENTRAL PLANT

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist _____

Use of water: Air cond, Bottling, Comm, De-water, Power, Fire, Dom, Irr, Med, Ind, P.S., Rec, _____

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed _____

DATA AVAILABLE: Well data 1 Freq. W/L meas.: Annual Field aquifer char. _____

Hyd. lab. data: _____

Qual. water data: type: _____

Freq. sampling: 8-25-45 Pumpage inventory: yes no. period: _____

Aperture cards: _____

Log data: E-LOG TO 2495' U-42

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 2035 ft. Meas. Driller _____

Depth cased: 884 ft. Casing type: STEEL ; Diam. 24 1/2 in

Finish: porous concrete, gravel w. gravel v. horis. open perf., screen, sd. pt., shored, open hole, _____

Method drilled: rot. _____

Date drilled: 6-45 Pump intake setting: (1964) 350 ft.

Driller: LAYNE-TEXAS CO. HOUSTON, TEXAS

Lift (type): air bucket, cent. jet, multiple, multiple, noise, piston, rot, submerg, turb, other _____

Power (type): diesel nat gas, gasoline, hand, gas, wind; H.F. _____

Descrip. MF STEEL CSQ. & CONC. PUMP BASE 2± ft above LSD. Alt. MF 37'

Alt. LSD: 25 Accuracy: MEAS.

Water level 151.35 ft. above/below MF; Ft. below LSD 149 Accuracy: MEAS.

Date meas: 8-20-45 Yield: 2660 gpm Method determined

Drawdown: 77 ft. Accuracy: MEAS. Pumping period: 96 hrs.

QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____

Sp. Conduct _____ K x 10⁶ Temp. _____ Date sampled _____

Taste, color, etc. _____

PL 22818
151.35
76.7

Well No. 65-14-707

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 6
State ID: 65-14-707

Well No. LJ-65-14-707

Latitude-longitude 29.45.51 S 095.23.10 W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: COASTAL PLAINS Section: 03

Drainage Basin: F Subbasin: 511R

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp. (E) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system J series 1 aquifer, formation, group E Aquifer Thickness: 30 ft

Lithology: 1 Length of well open to: 223 ft Origin: 2 Depth to top of: 223 ft

MINOR AQUIFER: system 1 series 1 aquifer, formation, group 1 Aquifer Thickness: 1 ft

Lithology: 1 Length of well open to: 1 ft Origin: 1 Depth to top of: 1 ft

Intervals Screened: 1 Depth to consolidated rock: 1 ft Source of data: 1

Depth to basement: 1 ft Source of data: 1

Surficial material: 1 Infiltration characteristics: 1

Coefficient Trans: 1 spd/ft; 1 Coefficient Storage: 1

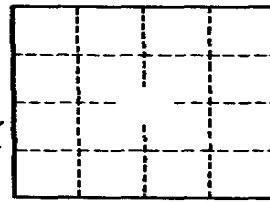
Coefficient Perm: 1 spd/ft; Spec cap: 1 gpm/ft; Number of geologic cards: 1

10 MIN. STATIC = 152.84 PL 228.18 @ 266 LPM
20 " " = 151.35
SPECIFIC CAPACITY (10 MIN. STATIC) = 35.0
" " (20 " ") = 34.0

* SCREENS:

- 884-903-.021 ga. 633 - 0729"
- 906-924.021 536-2035' of 1274
- 1125-1137.019
- 1140-1154.018
- 1157-1175.018
- 1205-1215.022
- 1340-1251.025
- 1253-1272.025
- 1274-1292.025
- 1275-1313.025
- 1316-1324.025
- 1345-1355.022
- 1385-1397.022
- 1400-1417.022
- 1433-1453.022
- 1593-1601.022
- 1603-1618.022
- 1858-1878.021
- 1882-1901.021
- 1904-1913.021
- 1959-1968.021
- 1970-1989.021

Bot. 2034' 10"



Well No. LJ-65-14-707

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

(11-14)

Water Resources Division
Austin, Texas

01000

Latitude 29 45 51 Longitude 09 52 21 00 1 Seq. No. 1

County code 201 County Harris

Well LJ-65-14-707

Project number 5-4648-01000

Date 2-10-75 Time _____ Temp °C 29.0

Owner City of Houston

Address Central #18

Date drld 6-45 WBF code 12-1EUGV

Sample interval: (top) 884 (bottom) 1989

Water level _____ Appr _____ Use PS

Collector Naffel Yield _____ GPM _____

Smpld aftr pmpg on arrival Depth 1328

Pt of coll faucet on pipe

Field: Cond _____ pH _____ HCO₃ _____ DO _____

Indicate types of analyses

Coliform _____ Phenols _____ Minors _____

Nutrients _____ MBAS _____ BOD _____ TOC _____ DOC _____

Std chem schedule I + 804

Other _____

Herbicide _____ Insecticide _____

Remarks: _____

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	7,2,0,0,4			
DO (mg/l)	0,0,3,0,0			
DO % Sat.	0,0,3,0,1			
Temp °C	0,0,0,1,0	29,00	0,2	
pH	0,0,4,0,0	8,000	0,1	8.0
Specific conductance	0,0,0,9,5	743,0	0,3	74
HCO ₃	0,0,4,4,0	352,0	0,3	35
CO ₃	0,0,4,4,5	000,0	0,1	0
Chloride (Cl)	0,0,9,4,0	660,0	0,2	60 ^{up 3}
Sulfate (SO ₄)	0,0,9,4,5	120,0	0,1	1.2
Color	0,0,0,8,0			
Coliform, membrane filter	3,1,5,0,1			
Coliform, fecal	3,1,6,1,6			
Strep-tococci	3,1,6,7,9			
BOD	0,0,3,1,0			

Type 2 Station identification number 29 45 51 09 52 21 00 1

Y 7 M 5 D 10 Time of measurement _____

17 Begin 22 29 32

Depth	Parameter code	Value	Exp.	Rmk
	7,2,0,0,8	1328	0,7	
Yield (GPM)	0,0,0,5,9			
Sample interval TOP	7,2,0,1,5	884	0,3	
Sample interval BOTTOM	7,2,0,1,6	1989	0,4	

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

TX-73Q
(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

017565

Latitude 29 45 51 Longitude 09 52 21 00 1 Seq. No. 1

County code 201 County Harris

Well # LJ-65-14-707

Project number 4648-01000

Date 2-11-76 Time — Temp °C 29.0

Owner City of Houston

Address Central C-18

Date drld — WBF code 121 EVEL

Sample interval: (top) 884 (bottom) 1989

Water level — Appre/leer Use PS

Collector Wattel Yield — GPM

Smpld aftr pmg on arrival Depth —

Pt of coll tap on discharge

Field: Cond — pH — HCO₃ — DO —

Indicate types of analyses

C form — Phenols — Minors —

Nutrients — MBAS — BOD — TOC — DOC —

Std chem schedule I

Other —

Herbicide — Insecticide —

Remarks:

Type 2 Station identification number 29 45 51 09 52 21 00 1

Y 7 M 6 D 11 Time of measurement —

17 Begin 22 29 32

Depth 72008 Parameter code 72008 Value — Exp. — Rmk —

Yield (GPM) 00059 Parameter code 00059 Value — Exp. — Rmk —

Sample interval TOP 72015 8840 03 Parameter code 72015 Value 8840 Exp. 03 Rmk —

Sample interval BOTTOM 72016 1989 04 Parameter code 72016 Value 1989 Exp. 04 Rmk —

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	72004			
DO (mg/l)	00300			
DO % Sat.	00301			
Temp °C	00010	29.60	02	29.0
pH	00400	8.000	01	8.0
Specific conductance	00095	763.0	03	763.
HCO ₃	00440	36.00	03	360
CO ₂	00445	0000	01	0
Chloride (Cl)	00940	68.00	02	68
Sulfate (SO ₄)	00945	28.00	01	2.8
Color	00080			
Coliform, membrane filter	31501			
Coliform, fecal	31616			
Strep-tococci	31679			
BOD	00310			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

020979

Latitude 29 45 51 Longitude 09 52 21 00 1 Seq. No. 01

County code 201 County HARRIS

Well # LJ-65-14-707

Project number 7-4648-01000

Date 2-10-77 Time - Temp °C 29.0

Owner CITY OF HOUSTON

Address CENTRAL C-18

Date drld - WBF code 121 Eval

Sample interval: (top) 824 (bottom) 1989

Water level - Appr CLEAR Use FS

Collector BUTLER Yield - GPM

Smpld aftr pmpg - Depth -

Pt of coll TAP ON DISCHARGE

Field: Cond - pH - HCO₃ - DO -

Indicate types of analyses

Coliform - Phenols - Minors -

Nutrients - MBAS - BOD - TOC - DOC -

Std chem schedule -

Other I

Herbicide - Insecticide -

Remarks:

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	7 2 0 0 4			
DO (mg/l)	0 0 3 0 0			
DO % Sat.	0 0 3 0 1			
Temp °C	0 0 0 1 0	29.00	0.2	29.0
pH	0 0 4 0 0	8.000	0.1	8.0
Specific conductance	0 0 0 9 5	755.0	0.3	755
HCO ₃	0 0 4 4 0	360.0	0.3	360
CO ₃	0 0 4 4 5	0.000	0.1	0
Chloride (Cl)	0 0 9 4 0	640.0	0.2	64
Sulfate (SO ₄)	0 0 9 4 5	160.0	0.1	1.6
Color	0 0 0 8 0			
Coliform, membrane filter	3 1 5 0 1			
Coliform, fecal	3 1 6 2 5			
Strep-tococci	3 1 6 7 3			
BOD	0 0 3 1 0			

Type 2 Station identification number 29 45 51 09 52 21 00 1

Y - M - D - Time of measurement -

17 Begin 22 29 32

Depth	Parameter code	Value	Exp.	Rmk
	7 2 0 0 8			
Yield (GPM)	0 0 0 5 9			
Sample interval JP	7 2 0 1 5	884.0	0.3	
Sample interval BOTTOM	7 2 0 1 6	1989	0.4	
Water level	7 2 0 1 9			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 6 out of 6
State ID: 65-14-707

Austin, Texas

019999

Latitude 29.4551 Longitude 09.5522 Seq. No. 101

County code 101 County HARRIS

Well # LJ 65-14-707

Project number T4648-01000

Date 9-23-76 Time 0900 Temp °C 29.0

Owner CITY OF HOUSTON

Address CENTRAL #18

Date drld 6-45 WBF code EVE6

Sample interval: (top) 884 (bottom) 1989

Water level 410 Appr CLEAR Use PS

Collector BEZANT Yield 1622 GPM

Smpld aftr pmpg ON ARRIVE Depth

Pt of coll TAP ON DISCHARGE TAP

Field: Cond pH HCO₃ DO

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

chem schedule I

Other

Herbicide Insecticide

Remarks:

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	72004			
DO (mg/l)	00300			
DO % Sat.	00301			
Temp °C	00010	2900	02	29.0
pH	00400	7800	01	7.8
Specific conductance	00095	7430	03	743
HCO ₃	00440	3520	03	352
CO ₃	00445	0000	01	0
Chloride (Cl)	00940	6400	02	64
Sulfate (SO ₄)	00945	1600	01	1.6
Color	00080			
Coliform, membrane filter	31501			
Coliform, fecal	31616			
Strep-tococci	31679			
BOD	00310			

Type 2 Station identification number 29.4551.09.5522.101

Y 7 M 6 D 09 Time of measurement 23

17 Begin 22 29 32

Depth 72008 Parameter code Value Exp. Rmk

Yield (GPM) 00059 Parameter code Value Exp. Rmk

Sample interval top 72015 Parameter code Value 8840 Exp. 03 Rmk

Sample interval BOTTOM 72016 Parameter code Value 1989 Exp. 04 Rmk

Water level 72019 Parameter code Value Exp. Rmk

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 54 Distance from Property: 1.00 mi. WNW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294551095221001**

STATION NAME: **LJ-65-14-707**

SITE TYPE: **GW**

LATITUDE: **29.764502000** LONGITUDE: **-95.369259000**

DATE DRILLED: **194506**

WELL DEPTH: **2035 feet**

HOLE DEPTH: **2495 feet**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 54

Distance from Property: 1.00 mi. WNW

WELL ID: 1019
OWNERS NAME: HOUSTON, CITY OF
YEAR DRILLED: 1945
DEPTH DRILLED: 2035'
STATIC LEVEL: 884'
WATER USAGE: PUBLIC SUPPLY
WELL STATUS: PLUGGED
LONGITUDE: -95.369255000
LATITUDE: 29.764502000
SOURCE: HGSD



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 55 Distance from Property: 1.01 mi. NNW

STATE ID: 65-14-716
OWNER'S NAME: SUNSHINE LAUNDRY
DATE DRILLED: 00/00/1929
DEPTH DRILLED: 602'
WATER USAGE: PLUGGED OR DESTROYED
LONGITUDE: -95.361140000
LATITUDE: 29.773320000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514716/6514716.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-716

Texas Water Development Board Well Schedule

State Well Number 6514716 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294623 Longitude 952139 Source of Coords 3

Owner's Well No. _____ Location _____
Owner Sunshine Laundry Driller McMasters and Pomeroy

Address _____ Tenant/Oper. _____

Date Drilled / /1929 Depth 602 Source of Depth Altitude 56 Source of Alt.
Well Type W User

WELL CONSTRUCTION Const-Method Completion Casing Material Blank Screen Material Blank
Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - NONE No. Stages _____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - blank Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - UNUSED Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - N Quality - Y Logs - Other Data -

WATER LEVELS

Recorded By _____ Date Record Collected or Updated - / /
Reporting Agency

REMARKS -
Screen from 562 to 602 ft. Well destroyed.

Aquifer - 112CEVG ID - 15
CHICOT AND EVANGELINE
AQUIFERS

Wednesday, July 05, 2006

Well Number - 6514716



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 56 Distance from Property: 1.02 mi. SSW

STATE ID: 65-22-104
OWNER'S NAME: SEVEN-UP BOTTLING CO.
DATE DRILLED: 00/00/1937
DEPTH DRILLED: 388'
WATER USAGE: UNUSED
LONGITUDE: -95.358770000
LATITUDE: 29.746060000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522104/6522104.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-22-104

Texas Water Development Board Well Schedule

State Well Number 6522104 Previous Well Number _____ County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294446' Longitude 952129 Source of Coords 2

Owner's Well No. _____ Location _____
Owner Seven-Up Bottling Co. Driller Layne Texas Co.

Address _____ Tenant/Oper. _____

Date Drilled 7/1937 Depth 388 Source of Depth _____ Altitude 47 Source of Alt. _____
Well Type W User _____

WELL CONSTRUCTION Const-Method _____ Casing Material _____
Completion _____ Screen Material _____
Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - _____ No. Stages _____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - _____ Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas., Rept., Est. - _____ Date - _____

WATER USE Primary - UNUSED Secondary - _____ Tertiary - _____

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - _____ Other Data - _____

WATER LEVELS 1 measurement
1937
-66

Recorded By _____ Date Record Collected or Updated - 02/20/2003
Reporting Agency 01

REMARKS -
TWDB Report 178: Screen from 340 to 386 ft.
Yield: 85 gpm with 26 ft. drawdown when drilled.

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER, LOWER

Friday, January 26, 2007

Well Number - 6522104

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 57 Distance from Property: 1.06 mi. E

STATE ID: 65-14-756
OWNER'S NAME: HOUSTON PACKING CO. WELL #3
DATE DRILLED: 00/00/1930
DEPTH DRILLED: 619'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.335538000
LATITUDE: 29.757470000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514756/6514756.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-756

Texas Water Development Board Well Schedule

State Well Number 6514756 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294529 Longitude 952012 Source of Coords 2

Owner's Well No. _____ Location _____
Owner Houston Packing Co.
Well #3 Driller Layne Texas Co.

Address _____ Tenant/Oper. _____

Date Drilled / /1930 Depth 619 Source of Depth Altitude 40 Source of Alt.
Well Type W User

WELL CONSTRUCTION Const-Method Casing Material Screen Material Casing or Blank Pipe (C)
Completion Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - TURBINE PUMP No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - INDUSTRIAL Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - Other Data -

WATER LEVELS 1 measurement
1941
-102

Recorded By _____ Date Record Collected or Updated - 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: 101 ft. of screen
between 235 and 611 ft.
Yield: 200 gpm with 22 ft.
drawdown on 7/13/41

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER,LOWER

Tuesday, August 30, 2005

Well Number - 6514756



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 57 Distance from Property: 1.06 mi. E

STATE ID: **65-14-755**
OWNER'S NAME: **HOUSTON PACKING CO**
DATE DRILLED: **00/00/1907**
DEPTH DRILLED: **1616'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.335540000**
LATITUDE: **29.757470000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514755/6514755.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-755

Texas Water Development Board Well Schedule

State Well Number 6514755 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294526 Longitude 952011 Source of Coords 3

Owner's Well No. Location
Owner Houston Packing co Driller G.C. Warniecke

Address Tenant/Oper.

Date Drilled / /1907 Depth 1616 Source of Depth Altitude 40 Source of Alt.
Well Type W User

WELL CONSTRUCTION Const-Method Completion Casing Material Blank Screen Material Blank
Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from _____ to _____

LIFT DATA - Pump Mfr. - Type - NONE No. Stages
Bowls Diam - in. Setting - ft. Column Diam. - in.
Motor Mfr. - Fuel or Power - blank Horsepower -
YIELD Flow- GPM Pump GPM Meas.,Rept.,Est.- Date-

WATER USE Primary - UNUSED Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - M Quality - Y Logs - Other Data -

WATER LEVELS 1 measurement
1938
-40

Recorded By Date Record Collected or Updated - / /
Reporting Agency

REMARKS -
Screen from 1536 to 1616 ft.
Reported yield 258 gpm with 60 ft
drawdown Feb.1938. Well 1.

Aquifer - 121EVGL ID - 15
EVANGELINE
AQUIFER

Tuesday, August 30, 2005

Well Number - 6514755



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 57 Distance from Property: 1.06 mi. E

STATE ID: **65-14-758**
OWNER'S NAME: **HOUSTON PACKING CO. WELL #4**
DATE DRILLED: **00/00/1936**
DEPTH DRILLED: **424'**
WATER USAGE: **INDUSTRIAL**
LONGITUDE: **-95.335540000**
LATITUDE: **29.757470000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514758/6514758.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-758

Texas Water Development Board Well Schedule

State Well Number 6514758 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294530 Longitude 952005 Source of Coords 2

Owner's Well No. _____ Location _____
Owner Houston Packing Co.
Well #4 Driller Layne Texas Co.

Address _____ Tenant/Oper. _____

Date Drilled / /1936 Depth 424 Source of Depth Altitude 40 Source of Alt.
Well Type W User

WELL CONSTRUCTION Const-Method Completion Casing Material Screen Material Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - TURBINE PUMP No. Stages _____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - INDUSTRIAL Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - Other Data -

WATER LEVELS 1 measurement
1936
-71

Recorded By _____ Date Record Collected or Updated - 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: 68 ft. of screen
between 339 and 420 ft.
Yield: 500 gpm with 43 ft.
drawdown when drilled.

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER, LOWER

Tuesday, August 30, 2005

Well Number - 6514758



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 58 Distance from Property: 1.08 mi. W

STATE ID: **65-14-703**
OWNER'S NAME: **PHENIX DAIRY WELL #2**
DATE DRILLED: **00/00/1948**
DEPTH DRILLED: **962'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.371140000**
LATITUDE: **29.757950000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514703/6514703.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-703

Texas Water Development Board Well Schedule

State Well Number 6514703 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294527 Longitude 952216 Source of Coords 2

Owner's Well No. _____ Location _____

Owner: Phenix Dairy Well #2
Driller: Layne Texas Co.

Address _____ Tenant/Oper. _____

Date Drilled / /1948 Depth 962 Source of Depth Altitude 51 Source of Alt.
Well Type W User

WELL CONSTRUCTION Const-Method Casing Material Screen Material Casing or Blank Pipe (C)
Completion Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - NONE No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - _____ Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas., Rept., Est.- _____ Date- _____

WATER USE Primary - UNUSED Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - Other Data -

WATER LEVELS 1 measurement
1948
-186

Recorded By _____ Date Record Collected or Updated - 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: 120 ft. of screen
between 700 and 960 ft.

Aquifer - 121EVGL ID - 15
EVANGELINE
AQUIFER

Wednesday, December 28, 2005

Well Number - 6514703



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 59 Distance from Property: 1.11 mi. ESE

STATE ID: 65-14-705
OWNER'S NAME: TRINITY PORTLAND CEMENT CO.
DATE DRILLED: 00/00/1951
DEPTH DRILLED: 612'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.334910000
LATITUDE: 29.756410000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514705/6514705.pdf>

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 59 Distance from Property: 1.11 mi. ESE

WELL ID: 1576
OWNERS NAME: GENERAL PORTLAND, INC.
YEAR DRILLED: 1951
DEPTH DRILLED: 612'
STATIC LEVEL: 500'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.334909000
LATITUDE: 29.756410000
SOURCE: HGSD



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 60 Distance from Property: 1.14 mi. ENE

WELL ID: **1952**
OWNERS NAME: **NATIONAL VINEGAR COMPANY**
YEAR DRILLED: **1968**
DEPTH DRILLED: **506'**
STATIC LEVEL: **486'**
WATER USAGE: **INDUSTRIAL**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.335882000**
LATITUDE: **29.767468000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 60 Distance from Property: 1.14 mi. ENE

STATE ID: 65-14-732
OWNER'S NAME: NATIONAL VINEGAR CO
DATE DRILLED: 00/00/1968
DEPTH DRILLED: 506'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.335883000
LATITUDE: 29.767467000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514732/6514732.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-732

Texas Water Development Board Well Schedule

State Well Number 6514732 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294603 Longitude 952009 Source of Coords 2

Owner's Well No. _____ Location _____
Owner National Vinegar Co Driller Hildebrandt Well Srv

Address _____ Tenant/Oper. _____

Date Drilled / /1968 Depth 506 Source of Depth D Altitude 50 Source of Alt. M
Well Type w User

WELL CONSTRUCTION Const-Method Casing Material Screen Material Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____
Completion

LIFT DATA - Pump Mfr. - _____ Type - _____ No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - _____ Horsepower - _____

YIELD Flow- _____ GPM Pump _____ GPM Meas., Rept., Est.- _____ Date- _____

WATER USE Primary - INDUSTRIAL Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - Other Data -

WATER LEVELS 1 measurement
1968
-230

Recorded By _____ Date Record Collected or Updated - 12/ /1988

Reporting Agency 02

REMARKS -

Aquifer - 112CHCT ID - 15
CHICOT
AQUIFER

Tuesday, August 30, 2005

Well Number - 6514732



www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 60 Distance from Property: 1.14 mi. ENE

STATE ID: **65-14-734**
OWNER'S NAME: **NATIONAL VINEGAR CO**
DATE DRILLED: **00/00/1968**
DEPTH DRILLED: **506'**
WATER USAGE: **INDUSTRIAL**
LONGITUDE: **-95.335882000**
LATITUDE: **29.767466000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514734/6514734.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-734

**Texas Water Development Board
Well Schedule**

State Well Number 6514734 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294603 Longitude 952009 Source of Coords 2

Owner's Well No. Location
Owner National Vinegar co Driller Hildebrandt Well

Address Tenant/Oper.

Date Drilled / /1968 Depth 506 Source of Depth D Altitude 50 Source of Alt. M
Well Type W User

WELL CONSTRUCTION Const-Method Completion Casing Material Screen Material Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from to

LIFT DATA - Pump Mfr. - Type - No. Stages
Bowls Diam. - in. Setting - ft. Column Diam. - in.
Motor Mfr. - Fuel or Power - Horsepower -
YIELD Flow- GPM Pump GPM Meas.,Rept.,Est.- Date-

WATER USE Primary - INDUSTRIAL Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - Other Data -

WATER LEVELS 1 measurement
1968
-200

Recorded By Date Record Collected or Updated - 12/ /1988

Reporting Agency 02

REMARKS -

Aquifer - 112CHCT ID - 15
CHICOT
AQUIFER

Tuesday, August 30, 2005

Well Number - 6514734



www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

MAP ID# 60 Distance from Property: 1.14 mi. ENE

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294602095200801**

STATION NAME: **LJ-65-14-734**

SITE TYPE: **GW**

LATITUDE: **29.767469000** LONGITUDE: **-95.335881000**

DATE DRILLED: **01/01/1968**

WELL DEPTH: **506 feet**

HOLE DEPTH: **506 feet**

LOCAL AQUIFER: **CHICOT AQUIFER**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 60 Distance from Property: 1.14 mi. ENE

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294602095200802**

STATION NAME: **LJ-65-14-732**

SITE TYPE: **GW**

LATITUDE: **29.767468000** LONGITUDE: **-95.335883000**

DATE DRILLED: **01/01/1950**

WELL DEPTH: **506 feet**

HOLE DEPTH: **506 feet**

LOCAL AQUIFER: **CHICOT AQUIFER**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 60

Distance from Property: 1.14 mi. ENE

WELL ID: **1951**
OWNERS NAME: **NATIONAL VINEGAR COMPANY**
YEAR DRILLED: **1968**
DEPTH DRILLED: **506'**
STATIC LEVEL: **486'**
WATER USAGE: **INDUSTRIAL**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.335881000**
LATITUDE: **29.767469000**
SOURCE: **HGSD**



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 61 Distance from Property: 1.14 mi. ESE

ID NUMBER: TX205393
STATE ID : 65-14-7G
OWNER NAME: GIFFORD HILL
DATE DRILLED: 08/19/1974
DEPTH DRILLED: 552'
STATIC LEVEL: 264'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.337079000
LATITUDE: 29.751057000
1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205393

30

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TWDB use only
Well No. 65-14-76
Located on map YES
Received: 7/27

1) OWNER:
Person having well drilled Difford-Hill American, Inc. Address PO Box 47127 Dallas Texas
Landowner Difford Hill Address Irvington

2) LOCATION OF WELL:
County TARRANT miles in _____ direction from _____
Locate by sketch map showing landmarks, roads, creeks, highway number, etc.*
IRVINGTON
map n 65-31-24 North
(Use reverse side if necessary)

3) TYPE OF WORK (Check):
New Well Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 9" in. Depth drilled 532 ft. Depth of completed well 532 ft. Date drilled 8/19/74
All measurements made from 4 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	3	Top Soil
3	405	Clay
405	440	S and
440	453	C lay
453	480	S and
480	490	C lay
490	504	S and
504	508	clay
508	524	S and

9) CASING:
Type: Old New Steel Plastic Other
Cemented from 0 ft. to 454' ft.

Diameter (inches)	Setting		Cage
	From (ft.)	To (ft.)	
6	0	454	40
4	454	490	30
4	504	508	30

10) SCREEN:
Type 55R.
Perforated Slotted

Diameter (inches)	Setting		Slot Size
	From (ft.)	To (ft.)	
4	490	504	.016
4	508	524	.016

7) COMPLETION (Check):
Straight wall Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 264 ft. below land surface Date 7/23/74
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc. 354 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes If yes, by whom? _____
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes
Did any strata contain undesirable water? Yes
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Carl Russell Water Well Drillers Registration No. 1581
ADDRESS 9739 N Houston-Rosslyn Houston Texas
Signed Carl Russell (Water Well Driller) Bussell & Son, Inc (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.
Additional instructions on reverse side.

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 62 Distance from Property: 1.35 mi. W

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294536095223201**

STATION NAME: **LJ-65-13-927**

SITE TYPE: **GW**

LATITUDE: **29.760750000** LONGITUDE: **-95.375840000**

DATE DRILLED: **NOT REPORTED**

WELL DEPTH: **625 feet**

HOLE DEPTH: **900 feet**

LOCAL AQUIFER: **CHICOT AQUIFER**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 62 Distance from Property: 1.35 mi. W

STATE ID: **65-13-927**
OWNER'S NAME: **CITY OF HOUSTON**
DATE DRILLED: **NOT REPORTED**
DEPTH DRILLED: **625'**
WATER USAGE: **PUBLIC SUPPLY**
LONGITUDE: **-95.375840000**
LATITUDE: **29.760750000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513927/6513927.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
State ID: 65-13-927

WRD Exp. (GW)
April 1966

Well No. 65-13-927

WELL SCHEDULE
GEOLOGICAL SURVEY

U. S. DEPT. OF THE INTERIOR WATER RESOURCES DIVISION

MASTER CARD

Record by G. McAdoo Source of data File Date 3-4-68 Map 124000 Houston Heights 1955

State Texas County Harris Sequential number: 1

Latitude: 29 45 36 N Longitude: 09 52 23 W

Local well number: 4J-65-13-927 Other number: 619 in 8896

Local use: _____ Owner or name: City of Houston

Ownership: County (C), Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist (M)

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (U) Stock, Inatit, Unused, Recharge, Desal-P S, Desal-other, Other

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed (U)

DATA AVAILABLE: Well data 9 Freq. W/L meas.: Monthly Field aquifer char. _____

Byd. lab. data: _____

Qual. water data; type: _____

Freq. sampling: None Pumpage inventory: _____

Aperture cards: _____

Log data: _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 900 ft. Casing type: steel ; Diam. 6 in

Depth cased: _____ ft. Finish: porous concrete, gravel w. screen, horix. open perf., screen, ad. pt., shored, open hole

Method drilled: old Date drilled: old Pump intake setting: _____ ft.

Driller: ? unknown

Lift (type): (A) air, bucket, cent, jet, (N) hose, piston, rot, submerg, turb, other (N) Deep _____ Shallow _____

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. _____

Descrip. MP _____

Alt. LSD: 45 Accuracy: (source) Topo 5'

Water Level: 53.50 ft above MP; 54 Accuracy: 1000

Date meas: 1-30-21 Yield: _____ Pumping period: _____

Drawdown: _____ Accuracy: _____

QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____

Sp. Conduct _____ Temp. _____

Taste, color, etc. _____

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 2
State ID: 65-13-927

Well No. LJ-65-13-927

Latitude-longitude 29, 45, 36 055, 22, 32

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: Coastal Plain 0 3 Section: _____

F Drainage Basin: _____ 5 1 R Subbasin: _____ _____

Top of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp. (F) offshora, pediment, hillside, terrace, undulating, valley flat F

MAJOR AQUIFER: system _____ series _____ aquifer, formation, group C L Aquifer Thickness: _____ ft

Lithology: Length of well open to: _____ ft Depth to top of: _____ ft

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____ Aquifer Thickness: _____ ft

Lithology: Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened:

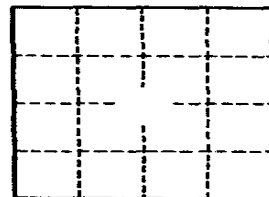
Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft; Spec cap: _____ gpm/ft; Number of geologic cards: _____



Well No. LJ-65-13-927

GPO 857-700



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 63 Distance from Property: 1.37 mi. W

STATE ID: 65-13-933
OWNER'S NAME: CITY OF HOUSTON CENTRAL
DATE DRILLED: 00/00/1935
DEPTH DRILLED: 2025'
WATER USAGE: PLUGGED OR DESTROYED
LONGITUDE: -95.376048000
LATITUDE: 29.762450000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513933/6513933.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
 State ID: 65-13-933

TEXAS WATER DEVELOPMENT BOARD
 WELL SCHEDULE

State Well Number - 65 13 933 Previous Well Number - County - Harris 201
 River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 45 44 Longitude - 95 22 33 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston Driller - Layne Texas
 Central

Address _____ Tenant/Oper. _____

Date Drilled - / /1935 Depth - 2,025 ft. Source of Depth - Altitude - 43 ft. Source of Alt. -
 Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - 396200

WELL Const. Casing
 CONSTRUCTION Method - _____ Material - _____ | Casing or Blank Pipe (C)
 Screen | Well Screen or Slotted Zone (S)
 Completion - _____ Material - _____ | Open Hole (O)
 Cemented from _____ to _____

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages _____ | Diam. Setting(feet)
 (in.) From To

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in. |

Motor Mfr. - _____ Fuel or Power - Horsepower - |

YIELD Flow- _____ GPM Pump- _____ GPM Meas., Rept., Est- _____ Date- _____ |

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM |

Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft |

QUALITY (Remarks- _____ |

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____ |

OTHER DATA AVAILABLE Water Levels- M Quality- Y Logs- Other Data- |

WATER LEVELS Date- 09/11/1935 Measurement- -53.00 |

Date- 09/11/1953 Measurement- -246.00 |

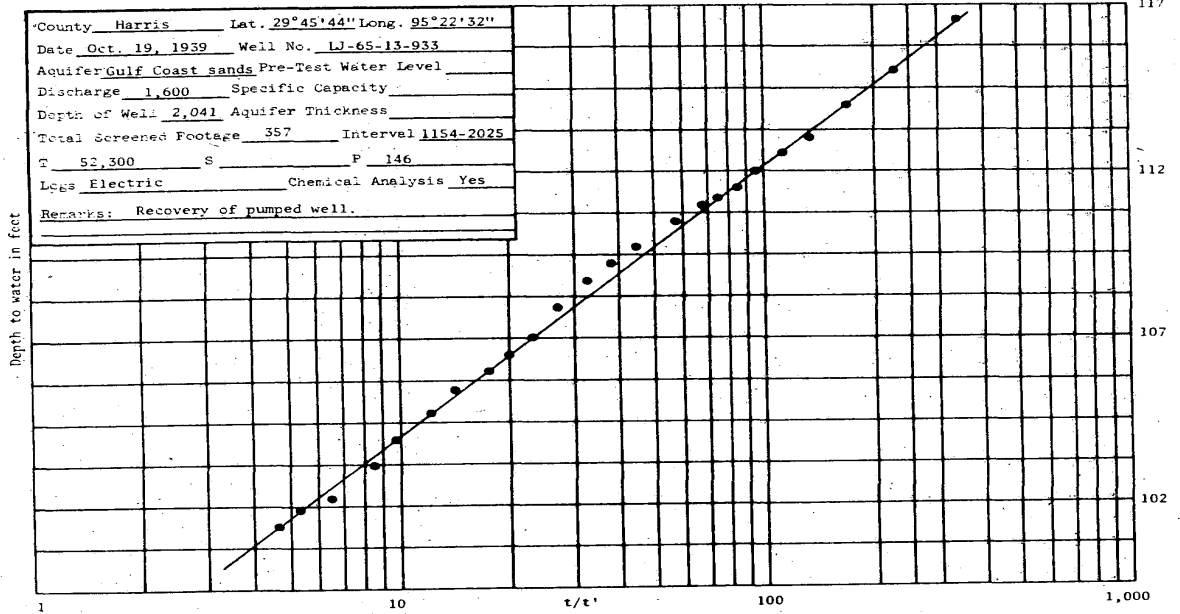
Recorded By _____ Date Record Collected or Updated- / / |

Reporting Agency - _____ |

REMARKS - _____ |

357 ft of screen between 1154 and
 2025 ft. Well destroyed. Well F-12.

Aquifer - 121EVGL
 Well No. - 65 13 933



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 63 Distance from Property: 1.37 mi. W

STATE ID: 65-13-924
OWNER'S NAME: CITY OF HOUSTON CENTRAL
DATE DRILLED: 00/00/1927
DEPTH DRILLED: 1456'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.376048000
LATITUDE: 29.762450000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513924/6513924.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
State ID: 65-13-924

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 924 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 45 48 Longitude - 95 22 46 Source of Coords - 3

Owners Well No. Location 1/4, 1/4, Section, Block, Survey

Owner - City of Houston Central Driller - Layne Texas

Address Tenant/Oper.

Date Drilled - / /1927 Depth - 1,456 ft. Source of Depth - Altitude - 42 ft. Source of Alt. - M
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - 396200

WELL CONSTRUCTION Const. Method - Casing Material - Screen Material - Completion - Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) Open Hole (O) Cemented from to Diam. Setting(feet) (in.) From To

LIFT DATA - Pump Mfr. Type - TURBINE PUMP No. Stages

Bowls Diam. in. Setting - ft. Column Diam. in.

Motor Mfr. Fuel or Power - ELECTRIC MOTOR Horsepower

YIELD Flow- GPM Pump- GPM Meas., Rept., Est. Date-

PERFORMANCE TEST Date- Length of Test- Production- GPM

Static Level- ft. Pumping Level- ft. Drawdown- ft. Sp.Cap. - GPM/ft

QUALITY (Remarks-

WATER USE Primary- INDUSTRIAL Secondary- Tertiary-

OTHER DATA AVAILAIBLE Water Levels- M Quality- Y Logs- Other Data-

WATER LEVELS Date- 05/21/1927 Measurement- -47.00

Date- 03/03/1966 Measurement- -266.00

Recorded By Date Record Collected or Updated- / /

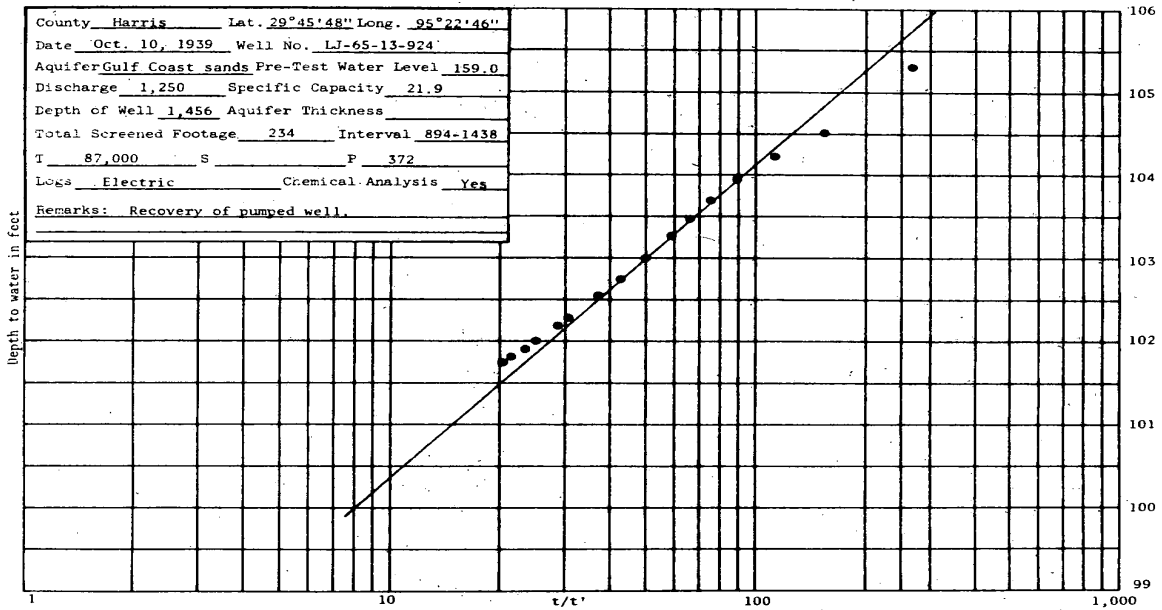
Reporting Agency -

REMARKS - 234 ft of screen between 894 and 1438 ft. Reported yield 1800 gpm Jan. 1942. Well F-5.

Aquifer - 121EVGL
Well No. - 65 13 924

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 2
 State ID: 65-13-924



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 63 Distance from Property: 1.37 mi. W

STATE ID: 65-13-925
OWNER'S NAME: CITY OF HOUSTON CENTRAL
DATE DRILLED: 00/00/1927
DEPTH DRILLED: 1540'
WATER USAGE: UNUSED
LONGITUDE: -95.376048000
LATITUDE: 29.762450000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513925/6513925.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
State ID: 65-13-925

TEXAS WATER DEVELOPMENT BOARD WELL SCHEDULE

State Well Number - 65 13 925 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 45 49 Longitude - 95 22 35 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston Driller - Layne Texas
Central

Address _____ Tenant/Oper. _____

Date Drilled - / /1927 Depth - 1,540 ft. Source of Depth - Altitude - 42 ft. Source of Alt. -
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - 396200

WELL Const. _____ Casing _____
CONSTRUCTION Method - _____ Material - _____ | Casing or Blank Pipe (C)
Screen _____ | Well Screen or Slotted Zone (S)
Completion - _____ Material - _____ | Open Hole (O)

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages _____ | Cemented from _____ to _____
Diam. Setting(feet)
(in.) From To

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - _____ Horsepower - _____

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM

Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft

QUALITY (Remarks- _____)

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILABLE Water Levels- M Quality- Y Logs- Other Data-

WATER LEVELS Date- 04/00/1927 Measurement- -27.00
Date- 03/03/1953 Measurement- -230.00

Recorded By _____ Date Record Collected or Updated- / /

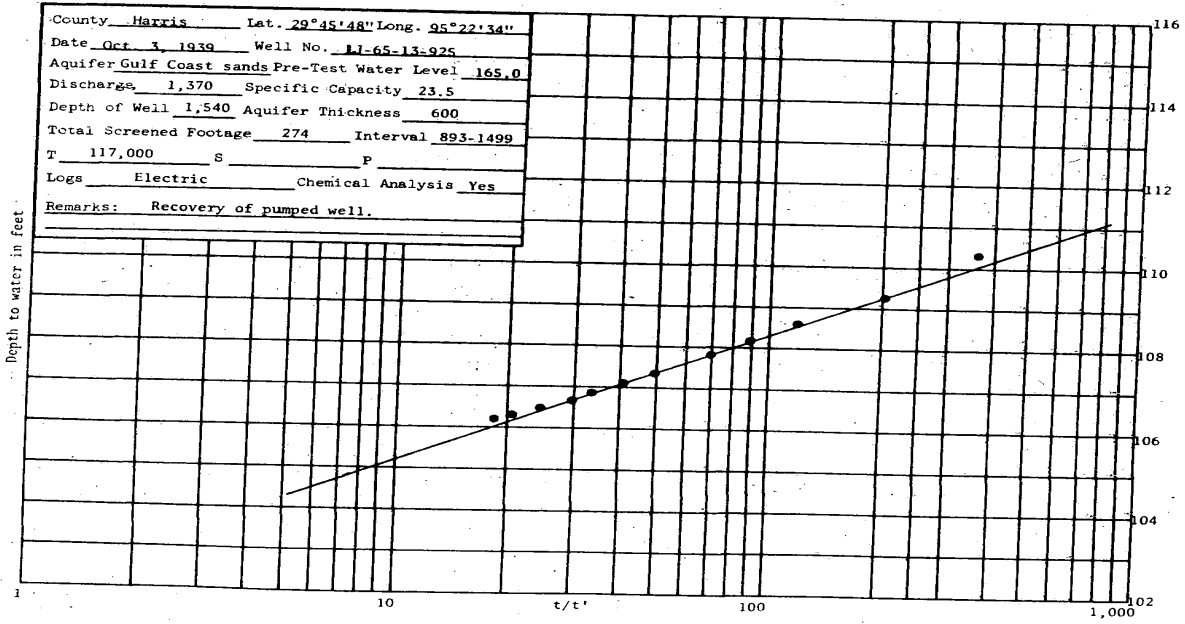
Reporting Agency - _____

REMARKS -
274 ft of screen between 893 and
1499 ft. Reported yield 1810 gpm
Jan.1942. Well destroyed. Well F-1.

Aquifer - 121EVGL
Well No. - 65 13 925



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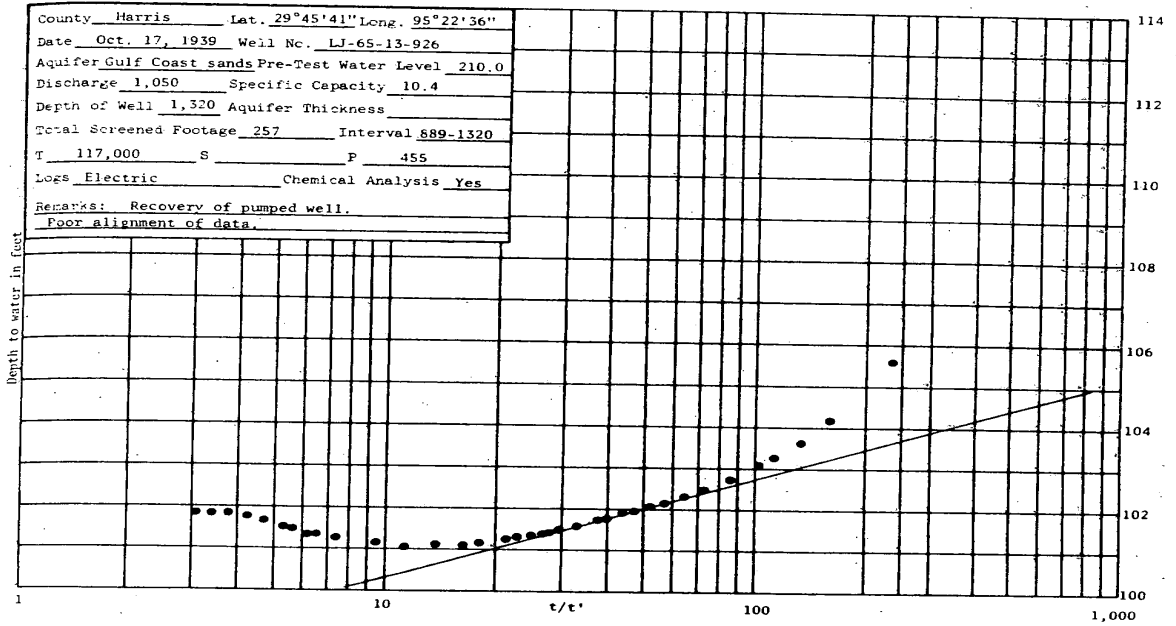
TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 63 Distance from Property: 1.37 mi. W

STATE ID: 65-13-926
OWNER'S NAME: CITY OF HOUSTON CENTRAL
DATE DRILLED: 00/00/1927
DEPTH DRILLED: 1320'
WATER USAGE: UNUSED
LONGITUDE: -95.376048000
LATITUDE: 29.762450000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513926/6513926.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 2
 State ID: 65-13-926



WATER UTILITY DATABASE (WUD)

MAP ID# 63

Distance from Property: 1.37 mi. W

PWSID: 1010013
SOURCE ID: G1010013GQ
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1935
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.375831600
LATITUDE: 29.762222290

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 63 Distance from Property: 1.37 mi. W

STATE ID: 65-13-932
OWNER'S NAME: CITY OF HOUSTON CENTRAL
DATE DRILLED: 00/00/1935
DEPTH DRILLED: 953'
WATER USAGE: PLUGGED OR DESTROYED
LONGITUDE: -95.376049000
LATITUDE: 29.762450000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513932/6513932.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 3
State ID: 65-13-932

WRD Exp. (GW)
April 1966

Well No. LT-65-13-932

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD

Record by NARE WFG 1941 Source of data File Date 2-16-68 Map 1:24,000 Houston Heights 1955

State Texas County Harris Sequential number 1

Latitude: 29° 45' 49" N Longitude: 095° 22' 42" W

Local well number: LT-65-13-932 Other number: F-11 (624)

Local use: _____ Owner or name: City of Houston

Ownership: CITY OF HOUSTON Address: Central Plant

Use of well: Well destroyed 1973

DATA AVAILABLE: Well data 6 Freq. W/L meas.: Semi-annual Field aquifer char. _____

Hyd. lab. data: drop MIS 9-73

Qual. water data; type: _____

Freq. sampling: 4-16-40-56 Pumpage inventory: _____

Aperture cards: _____

Log data: _____

WELL-DESCRIPTION CARD

SAME AS OR MASTER CARD Depth well: 953 ft Meas. Driller

Depth cased; (final perf.): 463 ft Casing type: S ; Diam. 24-1/2 in

Finish: porous gravel w. concrete, (perf.), (screen), gravel w. horiz. open perf., screen, sd. pt., shored, open

Method drilled: air bored

Date drilled: 1935 Pump intake setting: _____ ft

Driller: Loyne Texas Co. Houston, Texas

Lift (type): air, bucket, cent. jet, multiple, none, piston, rot, submerg, turb, other

Power: gas LP Trans. of water no. _____

Descrip. MP _____ ft above LSD. Alt. MP _____

Alt. LSD: 40 Accuracy: Topo 5'

Water Level: 82.00 ft above MP; Ft below _____ Accuracy: _____

Date meas: 7-30-75 Yield: _____ gpm Method determined _____

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled _____

Taste, color, etc. _____

Well No. LT-65-13-932

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 3
State ID: 65-13-932

Well No. LJ-65-13-932

Latitude-longitude 29.45.49 095.22.42.1

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: coastal plain Section: 03

Drainage Basin: F Subbasin: 51R

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system 7 series 30 aquifer, formation, group E

Lithology: Origin: Aquifer Thickness: ft

Length of well open to: 298 ft Depth to top of: 248 ft

MINOR AQUIFER: system series aquifer, formation, group CL

Lithology: Origin: Aquifer Thickness: ft

Length of well open to: ft Depth to top of: ft

Intervals Screened: 463-524; 562-605; 712-725; 826-875; 896-938

Depth to consolidated rock: ft Source of data:

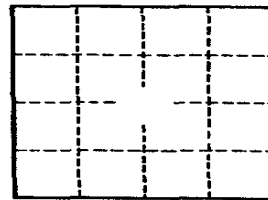
Depth to basement: ft Source of data:

Surficial material: Infiltration characteristics:

Coefficient of storage: Coefficient of permeability:

Perm: Spec cap: Number of geologic cards:

301' of 24" csg.

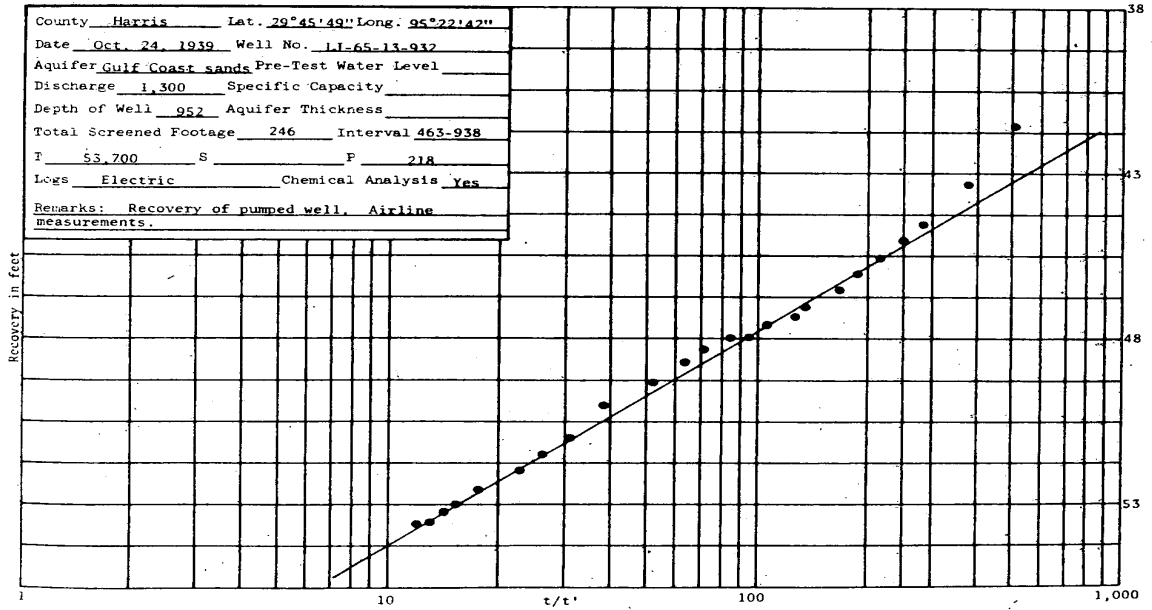


Well No. LJ-65-13-932

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 3 out of 3
 State ID: 65-13-932



- 227 -

WATER UTILITY DATABASE (WUD)

MAP ID# 64 Distance from Property: 1.42 mi. W

PWSID: 1010013
SOURCE ID: G1010013GM
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1927
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.376388550
LATITUDE: 29.763610840

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 65 Distance from Property: 1.43 mi. SW

ID NUMBER: TX212654
STATE ID : N/A
OWNER NAME: U.S. GEOLOGICAL SURVEY WELL #1
DATE DRILLED: 06/06/1972
DEPTH DRILLED: 326'
STATIC LEVEL: NOT REPORTED
WATER USAGE: OBSERVATION
LONGITUDE: -95.368894000
LATITUDE: 29.744524000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 212654

Send original copy by certified mail to the Texas Water Development Board, P. O. Box 12386, Austin, Texas 78711	State of Texas WATER WELL REPORT	For TWDB use only Well No. _____ Located on map <u>110</u> Received: <u>73</u> <i>dt</i>																																				
1) OWNER: Person having well drilled <u>U.S. Geological Survey</u> Address <u>2320 LaBranch, Houston</u> (Name) (Street or RFD) (City) (State) Landowner <u>same</u> Address <u>Baytown, Texas</u> (Name) (Street or RFD) (City) (State)																																						
2) LOCATION OF WELL: County <u>Harris</u> _____ miles in _____ direction from _____ (Town) (N.E., S.W., etc.) Locate by sketch map showing landmarks, roads, creeks, highway number, etc.*.																																						
(Use reverse side if necessary)																																						
3) TYPE OF WORK (Check): New Well <input checked="" type="checkbox"/> Deepening _____ Reconditioning _____ Plugging _____																																						
4) PROPOSED USE (Check): Domestic _____ Industrial _____ Municipal _____ Irrigation _____ Test Well _____ Other <u>observation</u>																																						
5) TYPE OF WELL (Check): Rotary <input checked="" type="checkbox"/> Driven _____ Dug _____ Cable _____ Jetted _____ Bored _____																																						
6) WELL LOG: Diameter of hole <u>4 1/2</u> in. Depth drilled <u>326</u> ft. Depth of completed well <u>324</u> ft. Date drilled <u>6-6-72</u> All measurements made from <u>0</u> ft. above ground level.																																						
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>From (ft.)</th> <th>To (ft.)</th> <th>Description and color of formation material</th> </tr> </thead> <tbody> <tr><td>0-7</td><td></td><td>Black top soil</td></tr> <tr><td>7-40</td><td></td><td>white clay</td></tr> <tr><td>40-84</td><td></td><td>red clay</td></tr> <tr><td>84-95</td><td></td><td>sand</td></tr> <tr><td>95-98</td><td></td><td>rock</td></tr> <tr><td>98-113</td><td></td><td>sand</td></tr> <tr><td>113-152</td><td></td><td>Blue Clay</td></tr> <tr><td>152-183</td><td></td><td>sand</td></tr> <tr><td>183-185</td><td></td><td>sandy clay</td></tr> <tr><td>185-205</td><td></td><td>sand</td></tr> <tr><td>205-217</td><td></td><td>Blue Clay</td></tr> </tbody> </table>			From (ft.)	To (ft.)	Description and color of formation material	0-7		Black top soil	7-40		white clay	40-84		red clay	84-95		sand	95-98		rock	98-113		sand	113-152		Blue Clay	152-183		sand	183-185		sandy clay	185-205		sand	205-217		Blue Clay
From (ft.)	To (ft.)	Description and color of formation material																																				
0-7		Black top soil																																				
7-40		white clay																																				
40-84		red clay																																				
84-95		sand																																				
95-98		rock																																				
98-113		sand																																				
113-152		Blue Clay																																				
152-183		sand																																				
183-185		sandy clay																																				
185-205		sand																																				
205-217		Blue Clay																																				
9) CASING: Type: Old _____ New <input checked="" type="checkbox"/> Steel _____ Plastic _____ Other _____ Cemented from _____ ft. to _____ ft. Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Casing _____																																						
10) SCREEN: Type <u>Plastic</u> Perforated _____ Slotted _____ Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Slot Size _____																																						
7) COMPLETION (Check): Straight wall <input checked="" type="checkbox"/> Gravel packed _____ Other _____ Under reamed _____ Open Hole _____																																						
8) WATER LEVEL: Static level _____ ft. below land surface Date _____ Artesian pressure _____ lbs. per square inch Date _____ Depth to pump bowl, cylinder, jet, etc., _____ ft. below land surface.																																						
11) WELL TESTS: Was a pump test made? Yes _____ No _____ If yes, by whom? _____ Yield: _____ gpm with _____ ft. drawdown after _____ hrs. Bailor test _____ gpm with _____ ft. drawdown after _____ hrs. Artesian flow _____ gpm Temperature of water _____																																						
12) WATER QUALITY: Was a chemical analysis made? Yes _____ No _____ Did any strata contain undesirable water? Yes _____ No _____ Type of water? _____ depth of strata _____																																						
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.																																						
NAME <u>Baker Birdwell</u> Water Well Drillers Registration No. <u>476</u> (Type or Print) ADDRESS <u>P.O. Box 464 - Arcadia, Texas 77517</u> (Street or RFD) (City) (State) (Signed) <u>Baker Birdwell</u> <u>Birdwell Water Well Serv.</u> (Water Well Driller) (Company Name)																																						
Please attach electric log, chemical analysis, and other pertinent information, if available.																																						

*Additional instructions on reverse side.

TWDBE-GW-53

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2

Water Well ID: 212654

2) LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area, e.g. survey abstract.

Information furnished in Section 2) of the TWDSE-CN-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.

217 - 236 sand
 236 - 242 sandy clay
 242 - 255 sand
 255 - 273 sandy clay & sand streaks
 273 - 296 sand
 296 - 307 Blue Clay
 307 - 326 sand

RECEIVED
 FEB 26 1973
 Central Records
 Texas Water Development Board

Baker, Birdwell
 P.O. Box 464 - Acordia, Texas 77211
 Birdwell, Baker
 P.O. Box 464 - Acordia, Texas 77211

NOV - 6 1972

RECEIVED

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 66 Distance from Property: 1.43 mi. WNW

STATE ID: **65-14-702**
OWNER'S NAME: **SOUTHERN PACIFIC RAILROAD**
DATE DRILLED: **00/00/1913**
DEPTH DRILLED: **774'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.374137000**
LATITUDE: **29.770426000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514702/6514702.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-702

Texas Water Development Board Well Schedule

State Well Number 6514702 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294612 Longitude 952225 Source of Coords 2

Owner's Well No. _____ Location _____
Owner Southern Pacific Railroad Driller Layne Bowler Co.

Address _____ Tenant/Oper. _____

Date Drilled / /1913 Depth 774 Source of Depth Altitude 50 Source of Alt.
Well Type W User

WELL CONSTRUCTION Const-Method Casing Material Screen Material Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____
Completion

LIFT DATA - Pump Mfr. - _____ Type - NONE No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - _____ Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas., Rept., Est. - _____ Date - _____

WATER USE Primary - UNUSED Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - Other Data -

WATER LEVELS 1 measurement
1961
-233.8

Recorded By _____ Date Record Collected or Updated - 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: Screen from 722 to 744 ft.

Aquifer - 121EVGL ID - 15
EVANGELINE
AQUIFER

Friday, November 03, 2006

Well Number - 6514702



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 66 Distance from Property: 1.43 mi. WNW

STATE ID: 65-14-764
OWNER'S NAME: WILLBORG'S LAUNDRY
DATE DRILLED: 00/00/1932
DEPTH DRILLED: 958'
WATER USAGE: PLUGGED OR DESTROYED
LONGITUDE: -95.374142000
LATITUDE: 29.770424000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514764/6514764.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-764

Texas Water Development Board Well Schedule

State Well Number 6514764 Previous Well Number _____ County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294612 Longitude 952225 Source of Coords 3

Owner's Well No. _____ Location _____
Owner Willborg's Laundry Driller Layne Texas

Address _____ Tenant/Oper. _____

Date Drilled / /1932 Depth 958 Source of Depth _____ Altitude 51 Source of Alt. _____
Well Type W User _____

WELL CONSTRUCTION Const-Method _____ Completion _____ Casing Material Blank Screen Material Blank Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - NONE No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - blank Horsepower - _____

YIELD Flow- _____ GPM Pump _____ GPM Meas., Rept., Est. - _____ Date - _____

WATER USE Primary - UNUSED Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - M Quality - Y Logs - _____ Other Data - _____

WATER LEVELS 1 measurement
1932
-70

Recorded By _____ Date Record Collected or Updated - / /
Reporting Agency _____

REMARKS -
Screen from 903 to 936 ft. Reported yield 110 gpm with 80 ft drawdown when drilled. Well destroyed.

Aquifer - 121EVGL **ID** - 15
EVANGELINE
AQUIFER

Friday, November 03, 2006

Well Number - 6514764



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WATER UTILITY DATABASE (WUD)

MAP ID# 67 Distance from Property: 1.45 mi. W

PWSID: 1010013
SOURCE ID: G1010013GO
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1927
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.377220150
LATITUDE: 29.761388780

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 68 Distance from Property: 1.47 mi. W

STATE ID: **65-13-905**
OWNER'S NAME: **CITY OF HOUSTON CENTRAL 21**
DATE DRILLED: **02/04/1957**
DEPTH DRILLED: **2020'**
WATER USAGE: **PUBLIC SUPPLY**
LONGITUDE: **-95.377644000**
LATITUDE: **29.763083000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513905/6513905.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 16
State ID: 65-13-905

WRD Exp. (GW)
April 1966

Well No. LT-65-13-905

WELL SCHEDULE
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

U. S. DEPT. OF THE INTERIOR

MASTER CARD

Record (Master) (Geology) Source of data File Date 2-16-68 Map Houston Heights 1955
 State Texas County Harris Map 1:25000
 Latitude: 29° 45' 45" N Longitude: 095° 22' 38" W Sequential number: 1
 Local well number: LT-65-13-905 Other number: C-21
 Local use: _____ Owner of name: City of Houston
 Owner or name: CITY OF HOUSTON Address: Central Plant
 Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist M
 Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, P
 water: (S) (I) (U) (V) (W) (X) (Y) (Z) _____
 Use of (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) W
 well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdwn, Waste, Destroyed _____
 DATA AVAILABLE: Well data 1 Freq. W/L meas.: Annual A Field aquifer char. _____
 Hyd. lab. data: _____
 Qual. water data: type: _____
 Freq. sampling: 3-31-57 A Pumpage inventory: yes _____
 Aperture cards: _____
 Log data: E-Log (0-2508) T-34 E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 2020 ft 2020 Meas. Driller
 Depth cased; (first perf.) 745 ft 745 Casing type: S ; Diam. 24-12 in 24
 Finish: porous gravel w. gravel, horis. open perf., screen, sd. pt., shored, open hole, other G
 Method (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) H
 Drilled: air bored, cable, aug, hyd, jetted, air reverse trenching, driven, drive wash, other _____
 Date Drilled: 2-4-57 9:57 Pump intake setting: _____ ft _____
 Driller: Texas Water Wells, Inc. Houston, Texas
 Lift (type): (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) Deep D
 Power (type): diesel, elec, nat, gas, gasoline, hand, gas, wind, H.P. 250 W Trans. or meter no. _____
 Descrip. MP Top of 2 1/2" agitator pipe 2.5 ft above LSD Alt. MP _____
 Alt. LSD: 43 Accuracy: Topo 5'
 Water Level 238.78 ft above MP; Ft below LSD 236 Accuracy: ME95
 Date meas: 3-27-57 3:57 Yield: 2939 gpm 2939 Method determined 4
 Drawdown: 72 ft 72 Accuracy: ME95 Pumping period 96 hrs 96
 QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard _____
 Sp. Conduct _____ K x 10⁶ _____ Temp. _____ Date sampled _____
 Taste, color, etc. _____

P/L=311

Well No. LT-65-13-905

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 16
State ID: 65-13-905

Well No. LJ-65-13-905

Latitude-longitude 29 45.45 N 95.22.30 W

HYDROGEOLOGIC CARD

1 SAME AS ON MASTER CARD 10 Physiographic Province: coastal plain 20 Section: _____

2 Drainage Basin: E 25 Subbasin: 5117 30

3 (D) (C) (E) (F) (N) (K) (L) 27
Topo of depression, stream channel, dunes, flat, hilltop, sink, swamp,
well site: (O) (P) (S) (T) (U) (V) _____

4 offshora, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: _____ system _____ series T 28 aquifer, formation, group E 30 ✓

Lithology: _____ 33 Origin: _____ 34 Aquifer Thickness: _____ ft

5 Length of well open to: 410 ft 35 Depth to top of: _____ ft 41

MINOR AQUIFER: _____ system _____ series _____ 44 aquifer, formation, group _____ 46

Lithology: _____ 49 Origin: _____ 50 Aquifer Thickness: _____ ft

6 Length of well open to: _____ ft 51 Depth to top of: _____ ft 57

Intervals Screened: * 745 - 2000

7 Depth to consolidated rock: _____ ft 60 Source of data: _____ 64

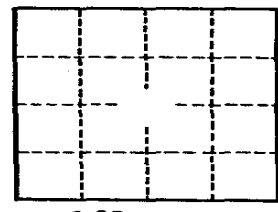
8 Depth to basement: _____ ft 65 Source of data: _____ 69

9 Surficial material: _____ 70 Infiltration characteristics: _____ 72

Coefficient Trans: _____ spd/ft 73 Coefficient Storage: _____ 76

Perm: ✓ 78

- * SCREEN:
- 745 - 760
 - 760 - 790
 - 840 - 855
 - 870 - 880
 - 900 - 930
 - 965 - 975
 - 1145 - 1185
 - 1220 - 1230
 - 1260 - 1275
 - 1285 - 1300
 - 1310 - 1325
 - 1355 - 1380
 - 1405 - 1420
 - 1460 - 1505
 - 1585 - 1600
 - 1660 - 1670
 - 1760 - 1770
 - 1700 - 1730
 - 1725 - 2000



CSS:
24" 0-606
12" 506-2020

Well No. LJ-65-13-905

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 3 out of 16
State ID: 65-13-905

Texas Water Development Board
Chemical Water Analysis Report

GWN- EL-140-1532
(Nitrogen Cycle)

TWDB Use Only	
Work No.	<u>320-3202</u>
IAC No.	_____

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: Phil Nordstrom State Well Number: 65-13-9
 County: Harris Date & Time: 6/5/90 11:25
 Owner: City of Houston - Central # 20 Send Copy To Owner Attn: Tony Baker
 Address: P.O. Box 1540 - Houston, Tx. 77251 Sampled After Pumping: DOA Hours _____
 Date Drilled: _____ Depth: _____ Yield: _____ GPM Measured Estimated
 Collection Point: Faucet pH 7.96 Use: PS Temperature: 29.1 °C
 By: E. Zapata - D. Jones Specific Conductance: 679

KEY PUNCHED

Requested Chem: [REDACTED]
 Laboratory No.: _____ Date Received: JUN 8 1990 Date Reported: JUN 14 1990

THD-Sample No. <u>EB0 1436</u>	Date Received <u>06/08/90</u>	Date Reported <u>06/13/90</u>
Nitrate as N (00618)	MG/L < 0.01	MG/L
KJE as N (00623)	0.1	
	Ammonia as N (00608)	0.09
	Nitrite as N (00613)	< 0.01
	Orthophosphate as P(00671)	0.04

*Note: To convert NO₂-N to NO₃, multiply by 4.427.

890091-D

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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 4 out of 16
State ID: 65-13-905

Texas Water Development Board
Chemical Water Analysis Report

MISC- EL-1990-1552

TWDB Use Only	
Work No.	<u>320-3202</u>
IAC No.	_____

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: Phil Nordstrom State Well Number: 05-13-9
 County: Harris Date & Time: 6/5/90 11:25
 Owner: City of Houston - Central #20 Send Copy To Owner Attn. Tony Baker
 Address: P.O. Box 1500 Houston, Tx. 77251 Sampled After Pumping: POA Hours _____
 Date Drilled: _____ Depth: _____ Yield: _____ GPM Measured Estimated
 Collection Point: Faucet pH 7.96 Use: PS Temperature: 29.1 °C
 By: D. Jones & L. Zepeda Specific Conductance: 079

Requested Chemical: _____ **KEY PUNCHED**
 Laboratory No.: _____ Date Received: JUN 8 1990 Date Reported: JUN 27 1990

THD-Sample No. EB0 1478	Date Received 06/08/90	Date Reported 06/26/90
TOC (00680)	MG/L < 1	MG/L

890091-A



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 5 out of 16
State ID: 65-13-905

Texas Water Development Board
Chemical Water Analysis Report

GWR- EZ-199-1552
(Anions)

TWDB Use Only	
Work No.	<u>320-3202</u>
IAC No.	<u>320-3202</u>

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: Phil Nordstrom State Well Number: 65-13-905
County: Harris Date & Time: 6/5/90 11:25
Owner: City of Houston - Central #20 Send Copy To Owner Attn. Tony L. Baker
Address: P.O. Box 1500 - Houston, Tx. 77251 Sampled After Pumping: POA Hours
Date Drilled: _____ Depth: _____ Yield: _____ GPM Measured Estimated
Collection Point: Faucet pH 7.96 Use: Public Supply Temperature: 29.1 °C
By: D. Jones & E. Zapata Specific Conductance: 679

Requested Chemicals: XXXXXXXXXX **KEY PUNCHED**
Laboratory No.: _____ Date Received: JUN 8 1990 Date Reported: JUN 20 1990

THD-Sample No. EBO 1444	Date Received 06/08/90	Date Reported 06/18/90
Silica (00955) MEQ/L	16 MG/L	
	Sulfate (00946)	0.04
	Chloride (00941)	1.92
	Fluoride (00950)	0.04
P. Alkalinity (00415)	0.00	0
T. Alkalinity (00410)	5.40	270
	Iodide (71865)	< 0.1
	Boron (*****)	0.31
	Bromide (71870)	< 0.1

890091-C



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 6 out of 16
State ID: 65-13-905

Texas Water Development Board
Chemical Water Analysis Report

HM- EL - PPO - 1552
HM = Heavy Trace and Alkaline-Earth Metals

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

TWDB Use Only	
Work No.	<u>370-3202</u>
IAC No.	_____

Attention: Phil Nordstrom State Well Number: 65-13-9
 County: Harris Date & Time: 6/5/90 11:25
 Owner: City of Houston - Central #20 Send Copy To Owner Attn: Tony Baker
 Address: P.O. Box 1500 - Houston, Tx. 77251 Sampled After Pumping: P/A Hours _____
 Date Drilled: _____ Depth: _____ Yield: _____ GPM Measured Estimated
 Collection Point: Faucet pH 7.94 Use: PS Temperature: 29.1 °C
 By: E. Zapata & D. Jones Specific Conductance: 179

Requested Ch  **KEY PUNCHED**
 Laboratory No. _____ Date Received: JUN 8 1990 Date Reported: JUL 16 1990

		me/l	mg/l			me/l	mg/l
Calcium	(00915)	_____	<u>14</u>	Sodium	(00930)	_____	<u>152</u>
Magnesium	(00925)	_____	<u>4.2</u>	Potassium	(00935)	_____	<u>2.4</u>
		µg/l				µg/l	
Aluminum	(01106)	<u>< 50</u>		Manganese	(01056)	<u>< 20</u>	
Arsenic	(01000)	<u>< 10</u>		Mercury	(71890)	<u>< 0.2</u>	
Barium	(01005)	<u>243</u>		<input checked="" type="checkbox"/> Molybdenum*	(01062)	<u>< 20</u>	
Cadmium	(01025)	<u>< 10</u>		Selenium	(01145)	<u>< 2</u>	
Chromium	(01030)	<u>< 20</u>		Silver	(01075)	<u>< 10</u>	
Copper	(01040)	<u>< 20</u>		<input checked="" type="checkbox"/> Strontium*	(01080)	<u>490</u>	<u>480</u>
Iron	(01046)	<u>100</u>		<input checked="" type="checkbox"/> Vanadium*	(01085)	<u>< 20</u>	
Lead	(01049)	<u>< 50</u>		Zinc	(01090)	<u>< 20</u>	

* Do not analyze unless it is checked.
Note: Crossout those elements not to be analyzed.

890091-E



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 7 out of 16
State ID: 65-13-905

Texas Water Development Board
Chemical Water Analysis Report

RAD - EL - AAO - 1552
RAD = Radioactivity Sample

TWDB Use Only	
Work No.	<u>320-3202</u>
IAC No.	_____

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: Phil Nordstrom State Well Number: 65-13-9
County: Harris Date & Time: 6/5/90 11:25
Owner: City of Houston - Central #20 Send Copy To Owner Attn: Tony Baker
Address: P.O. Box 1570 - Houston, Tx. 77251 Sampled After Pumping: POA Hours
Date Drilled: _____ Depth: _____ Yield: _____ GPM Measured Estimated
Collection Point: Faucet pH 7.96 Use: PS Temperature: 29.1 °C
By: D. Jones & R. Zapata Specific Conductance: 679

Requested Chemical	KEY PUNCHED	Date Received:	Date Reported:
Laboratory No.: <u>[REDACTED]</u>		<u>JUN 08 1990</u>	<u>JUL 13 1990</u>
Alpha	(01503)	<u>2.8 ± 2.0</u>	pCi/l
Beta	(03503)	<u>< 4.0</u>	pCi/l
Radium 226	(09503)	_____	pCi/l
Radium 228	(81366)	_____	pCi/l
Total Radium*	(11500)	_____	pCi/l
Thorium*	(26403)	_____	pCi/l
Uranium*	(22703)	_____	pCi/l

* Do not analyze unless it is checked yes.

890091-F



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Texas Water Development Board
Chemical Water Analysis Report

MISC- EL-1990-1552

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

TWDB Use Only
Work No. 320-3202
IAC No. _____

Attention: Phil Nordstrom
County: Harris
Owner: City of Houston - Central #20
Address: P.O. Box 1560 - Houston, Tx. 77251
Date Drilled: _____ Depth: _____
Collection Point: Faucet pH 7.96
By: D. Jones & E. Zapata

State Well Number: 105-13-9
Date & Time: 6/5/90 11:25
 Send Copy To Owner Attn: Tony Baker
Sampled After Pumping: POA Hours
Yield: _____ GPM Measured Estimated
Use: PS Temperature: 29.1 °C
Specific Conductance: 0.79

Requested Chemical Analysis: _____
Laboratory No.: _____
KEY PUNCHED
Date Received: JUN 08 1990
Date Reported: JUN 20 1990

VOA

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 10 out of 16
State ID: 65-13-905

Austin, Texas

Latitude	Longitude	Seq. No.
2 9 4 5 4 5	0 9 5 2 2 3 8 0 1	
City code <u>101</u> County <u>Harris</u>		
Well # <u>LJ-65-13-905</u>		
Project number <u>T-4648-01000</u>		
Date <u>9-17-76</u> Time <u>1415</u> Temp °C <u>?</u>		
Owner <u>City of Houston</u>		
Address <u>Central NO. C-21</u>		
Date drld <u>—</u> WBF code <u>121</u> Evnl		
Sample interval: (top) <u>745</u> (bottom) <u>2000</u>		
Water level <u>—</u> Appr <u>Clear</u> Use <u>PS</u>		
Collector <u>BEZANT</u> Yield <u>—</u> GPM		
Smpld aftr pmp & n arrival Depth <u>—</u>		
Pt of coll <u>tap on discharge</u>		
Field: Cond <u>—</u> pH <u>—</u> HCO ₃ <u>—</u> DO <u>—</u>		
Indicate types of analyses		
Coliform <u>—</u> Phenols <u>—</u> Minors <u>—</u>		
Nutrients <u>—</u> MBAS <u>—</u> BOD <u>—</u> TOC <u>—</u> DOC <u>—</u>		
Chem schedule <u>I</u>		
Other <u>—</u>		
Herbicide <u>—</u> Insecticide <u>—</u>		
Remarks:		

Type	Station identification number	Time of measurement	Parameter code	Value	Exp.	Rmk
2	2 9 4 5 4 5 0 9 5 2 2 3 8 0 1	7 6 0 9 1 7	7 2 0 0 8			
Depth						
Yield (GPM)						
Sample interval TOP						
Sample interval BOTTOM						
Water level						

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	7 2 0 0 4			
DO (mg/l)	0 0 3 0 0			
DO % Sat.	0 0 3 0 1			
Temp °C	0 0 0 1 0			
pH	0 0 4 0 0	7 7 0 0	0 1	7.7
Specific conductance	0 0 0 9 5	7 0 1 0	0 3	701
HCO ₃	0 0 4 4 0	3 2 6 0	0 3	326
CO ₃	0 0 4 4 5	0 0 0 0	0 1	0
Chloride (Cl)	0 0 9 4 0	6 5 0 0	0 1	65
Sulfate (SO ₄)	0 0 9 4 5	4 0 0 0	0 1	4.0
Color	0 0 0 8 0			
Coliform, membrane filter	3 1 5 0 1			
Coliform, fecal	3 1 6 1 6			
Strep-tococci	3 1 6 7 9			
BOD	0 0 3 1 0			



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

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State ID: 65-13-905

(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

020973

Latitude 29° 45' 45" Longitude 09° 52' 23" 01" W. Seq. No. 01

County code 201 County HARRIS

Well # LJ-65-13-905

Project number 7-4648-01000

Date 2-10-77 Time - Temp °C 28.0

Owner CITY OF HOUSTON

Address CENTRAL C-21

Date drld - WBF code 121 Evgl

Sample interval: (top) 745 (bottom) 2000

Water level - Appr CLEAR Use PS

Collector P. BUTLER Yield - GPM

Smpld aftr pmpg - Depth -

Pt of coll TAP ON DISCHARGE

Field: Cond - pH - HCO₃ - DO -

Indicate types of analyses

Coliform - Phenols - Minors -

Nutrients MBAS - BOD - TOC - DOC -

Std chem schedule -

Other I

Herbicide - Insecticide -

Remarks:

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	7,2,0,0,4			
DO (mg/l)	0,0,3,0,0			
DO % Sat.	0,0,3,0,1			
Temp °C	0,0,0,1,0	28,0,0	0,2	28.0
pH	0,0,4,0,0	8,0,0,0	0,1	8.0
Specific conductance	0,0,0,9,5	7,0,9,0	0,3	709
HCO ₃	0,0,4,4,0	2,5,8,0	0,3	258
CO ₃	0,0,4,4,5	0,0,0,0	0,1	0
Chloride (Cl)	0,0,9,4,0	6,6,0,0	0,2	66
Sulfate (SO ₄)	0,0,9,4,5	4,0,0,0	0,1	4.0
Color	0,0,0,8,0			
Coliform, membrane filter	3,1,5,0,1			
Coliform, fecal	3,1,6,2,5			
Strep-tococci	3,1,6,7,3			
BOD	0,0,3,1,0			

Type 2 Station identification number 29° 45' 45" 09° 52' 23" 01" W.

Y - M - D - Time of measurement -

17 Begin 22 29 32

Depth 7 2 0 0 8 Value - Exp. - Rmk -

Yield (GPM) 0 0 0 5 9 Value - Exp. - Rmk -

Sample interval JP 7 2 0 1 5 7 4 5 0 0 3 Value - Exp. - Rmk -

Sample interval BOTTOM 7 2 0 1 6 2 0 0 0 0 4 Value - Exp. - Rmk -

Water level 7 2 0 1 9 Value - Exp. - Rmk -



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 12 out of 16
State ID: 65-13-905

11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

015480

Latitude 29° 45' 45" Longitude 095° 22' 38" Seq. No. 1

County code 201 County HARRIS

Well # LJ-65-13-905

Project number 564801000

Date 4-15-75 Time _____ Temp °C 27.0

Owner City of Houston

Address Central 21

Date drld 2-4-57 WBF code 112 [Evg]

Sample interval: (top) 745 (bottom) 2000

Water level _____ Appr _____ Use P.S.

Collector VAUGHT Yield _____ GPM

Smpld aftr pmpg _____ Depth _____

Pt of coll Faucet on side of pipe

Field: Cond _____ pH _____ HCO₃ _____ DO _____

Indicate types of analyses

Coliform _____ Phenols _____ Minors _____

trients _____ MBAS _____ BOD _____ TOC _____ DOC _____

Std chem schedule I + S04

Other _____

Herbicide _____ Insecticide _____

Remarks:

Type 2 Station identification number 294545095223801

Y 7 M 5 D 4 Time of measurement _____

17 Begin 22 29 32

Depth Parameter code 72008 Value _____ Exp. _____ Rmk _____

Yield (GPM) Parameter code 00059 Value _____ Exp. _____ Rmk _____

Sample interval P Parameter code 72015 Value 7450 Exp. 03 Rmk _____

Sample interval BOTTOM Parameter code 72016 Value 2000 Exp. 04 Rmk _____

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	<u>72004</u>			
DO (mg/l)	<u>00300</u>			
DO % Sat.	<u>00301</u>			
Temp °C	<u>00010</u>	<u>27.00</u>	<u>02</u>	<u>270</u>
pH	<u>00400</u>	<u>7.300</u>	<u>01</u>	<u>7.3</u>
Specific conductance	<u>00095</u>	<u>647.0</u>	<u>03</u>	<u>647</u>
HCO ₃	<u>00440</u>	<u>289.0</u>	<u>03</u>	<u>289</u>
CO ₂	<u>00445</u>	<u>0000</u>	<u>01</u>	<u>0</u>
Chloride (Cl)	<u>00940</u>	<u>580.0</u>	<u>02</u>	<u>58</u>
Sulfate (SO ₄)	<u>00945</u>	<u>880.0</u>	<u>01</u>	<u>8.8</u>
Color	<u>00080</u>			
Coliform, membrane filter	<u>31501</u>			
Coliform, fecal	<u>31616</u>			
Strep-tococci	<u>31679</u>			
BOD	<u>00310</u>			



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 14 out of 16

State ID: 65-13-905

FINAL ANALYSIS REPORT

LAB ID: 9705154
 FACILITY: TWDB
 ACCT NO: TX WATER DEV. BOARD

SAMPLE DESCRIPTION: Groundwater

SAMPLE DATE: 06/17/97
 SAMPLE TIME: 0915

DATE RECEIVED: 06/20/97
 REPORT DATE: 08/19/97

LOCATION ID: 65-13-905

PARAMETER	RESULTS	UNITS	STORET #	PQL in WATER	DATE ANALYZED
Alkalinity, Phenol.	<1	mg/L	00415	1	06/20/97
Alkalinity, Total	182	mg/L	00410	1	06/20/97
Bromide	<0.50	mg/L	71870	0.05	06/20/97
Chloride	27.4	mg/L	00941	0.1	06/20/97
Fluoride	0.59	mg/L	00950	0.02	06/20/97
Iodide, Laboratory	<0.15	mg/L	71965	0.05	07/10/97
Nit., Nitrate/Nitrite	0.050	mg/L	00630	0.020	07/01/97
Nitrogen, Kjeldahl	<0.200	mg/L	00623	0.010	07/03/97
Nitrogen, ammonia	<0.100	mg/L	00608	0.010	07/01/97
Silica	23.80	mg/L	00955	0.01	06/30/97
Sulfate	17.70	mg/L	00946	0.10	06/20/97
Aluminum, Dis. ICPMS	<1.5	ug/L	01106	1.0	07/17/97
Antimony, Dis. ICPMS	<1.0	ug/L	01095	1.0	07/17/97
Arsenic, Diss. ICPMS	<1.5	ug/L	01000	1.0	07/17/97
Barium, Diss. ICPMS	201.0	ug/L	01005	1.0	07/17/97
Beryllium, Dis ICPMS	<1.0	ug/L	01010	1.0	07/17/97
Boron, Diss. ICPMS	80.9	ug/L	01020	1.0	07/17/97
Calcium, Dissolved	33.60	mg/L	00915	0.50	06/20/97
Cobalt, Diss. ICPMS	<1.0	ug/L	01035	1.0	07/17/97
Copper, Diss. ICPMS	<1.0	ug/L	01040	1.0	07/17/97
Iron-AA, Dissolved	142.30	ug/L	01046	15.00	06/26/97
Lead, Diss. ICPMS	<1.0	ug/L	01049	1.0	07/17/97
Lithium, Diss. ICPMS	17.7	ug/L	01130	1.0	07/17/97
Magnesium, Dissolved	6.90	mg/L	00925	0.05	06/20/97
Manganese, Dis ICPMS	7.0	ug/L	01056	1.0	07/17/97
Molybdenum Dis ICPMS	<1.0	ug/L	01060	1.0	07/17/97
Nickel, Diss. ICPMS	<1.0	ug/L	01065	1.0	07/17/97
Potassium, Dissolved	1.30	mg/L	00935	1.00	06/20/97
Selenium, Dis. ICPMS	<6.0	ug/L	01145	4.0	07/17/97

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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 15 out of 16

State ID: 65-13-905

FINAL ANALYSIS REPORT

LAB ID: 9705154
FACILITY: TWDB
ACCT NO: TX WATER DEV. BOARD

SAMPLE DESCRIPTION: Groundwater

SAMPLE DATE: 06/17/97
SAMPLE TIME: 0915

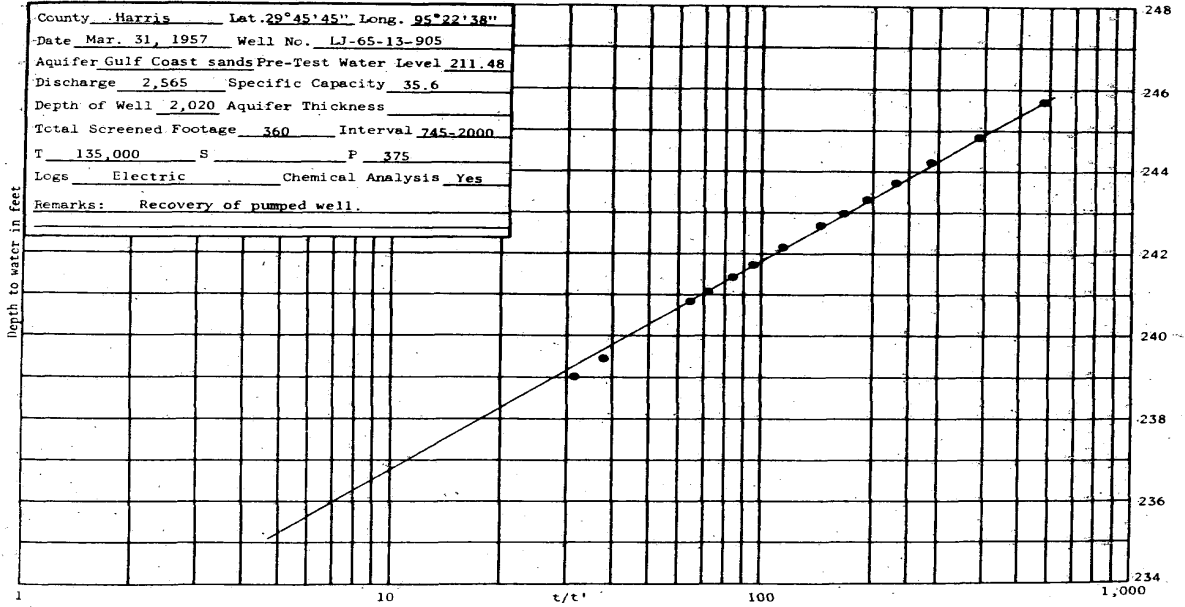
DATE RECEIVED: 06/20/97
REPORT DATE: 08/19/97

LOCATION ID: 65-13-905

PARAMETER	RESULTS	UNITS	STORET #	PQL in WATER	DATE ANALYZED
Sodium, Dissolved	54.60	mg/L	00930	0.10	06/20/97
Strontium, Dis ICPMS	594.0	ug/L	01080	1.0	08/12/97
Thallium, Diss ICPMS	<1.0	ug/L	01057	1.0	07/17/97
Vanadium, Diss ICPMS	5.5	ug/L	01085	1.0	07/17/97
Zinc, Diss. ICPMS	<1.0	ug/L	01090	1.0	07/17/97

COMMENTS: Silica, NH3, TKN, NO3/NO2 subcontracted.

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WATER UTILITY DATABASE (WUD)

MAP ID# 68 Distance from Property: 1.47 mi. W

PWSID: 1010013
SOURCE ID: G1010013N
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 02/04/1957
SCREEN BOTTOM: 1,990.00'
SCREEN TOP: 747.00'

GALLONS
PER MINUTE: 1,840
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.377441410
LATITUDE: 29.762630460

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 68 Distance from Property: 1.47 mi. W

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294545095223801**

STATION NAME: **LJ-65-13-905**

SITE TYPE: **GW**

LATITUDE: **29.763084000** LONGITUDE: **-95.377644000**

DATE DRILLED: **02/04/1957**

WELL DEPTH: **2020 feet**

HOLE DEPTH: **2508 feet**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 68 Distance from Property: 1.47 mi. W

WELL ID: 1022
OWNERS NAME: HOUSTON, CITY OF
YEAR DRILLED: 1957
DEPTH DRILLED: 2020'
STATIC LEVEL: 745'
WATER USAGE: PUBLIC SUPPLY
WELL STATUS: PLUGGED
LONGITUDE: -95.377645000
LATITUDE: 29.763083000
SOURCE: HGSD



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WATER UTILITY DATABASE (WUD)

MAP ID# 69

Distance from Property: 1.50 mi. W

PWSID: 1010013
SOURCE ID: G1010013GP
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1935
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.377777100
LATITUDE: 29.763334270

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 70 Distance from Property: 1.53 mi. ENE

STATE ID: **65-14-823**
OWNER'S NAME: **NATIONAL VINEGAR CO.**
DATE DRILLED: **00/00/1987**
DEPTH DRILLED: **506'**
WATER USAGE: **INDUSTRIAL**
LONGITUDE: **-95.329422000**
LATITUDE: **29.768838000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514823/6514823.pdf>

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 70 Distance from Property: 1.53 mi. ENE

ID NUMBER: TX205301
STATE ID : 65-14-8
OWNER NAME: NATIONAL VINEGAR CO
DATE DRILLED: 04/14/1987
DEPTH DRILLED: 506'
STATIC LEVEL: 252'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.329422000
LATITUDE: 29.768838000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205301



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205301

Km494K Amc
281

Please use black ink. Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER National Vinegar Co. Address 4115 Gillespie, Houston, Tx. 77020
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles in _____ direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map. ONGS-06-7

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other _____

5) DRILLING METHOD (Check): Driven Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other _____

6) WELL LOG:
Date Drilling: Started 4-6- 19 87 Completed 4-14 19 87

DIAMETER OF HOLE			
Dia. (in.)	From (ft.)	To (ft.)	
8 3/4	Surface	460	
8 3/4		460	506

7) BOREHOLE COMPLETION: Open Hole Straight Wall Underreamed Gravel Packed Other Two-String
If Gravel Packed give interval ... from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
						From	To	
0	6	Top Soil						
6	22	yellow & Gray clay						
22	26	sand	5"	N	Steel	+18"	460	40
26	40	red & Yellow clay	3"	N	PVC Liner	450	468	40
40	98	red & Gray clay	3"	N	PVC Screen 12 ga.	468	478	30
98	110	sand 12 ga.	3"	N	PVC Liner	478	486	40
110	235	Red & Gray clay	3"	N	PVC Screen 14 ga.	486	506	80
235	255	Sand 12 ga.						
255	315	Red Gray & Yellow clay						
315	370	sand 10 ga.						
370	388	Clay						
388	412	sand 14 ga.						
412	418	clay						
418	438	sand 10 ga.						
438	460	clay gray						
460	478	sand 12 ga.						
478	483	clay						
483	506	sand 14 ga.						

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 460 ft. to 0 ft. No. of Sacks Used 76
Method used Pressure
Cemented by Raymond Water Wells

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 252 ft. below land surface Date 4-6-87
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
Depth to pump bowls, cylinder, jet, etc., 357 ft.

14) WELL TESTS:
Type Test: Pump Bailer Jetted Estimated
Yield: 76 gpm with 26 ft. drawdown after 2 hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Raymond Water Wells Water Well Driller's License No. 774
(Type or Print)

ADDRESS 10011 Airline Drive Houston, Texas 77037
(Street or RFD) (City) (State) (Zip)

(Signed) [Signature] (Signed) _____
(Licensed Water Well Driller) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use only Well No. 205-14-8 Located on map

WVC-0392 (Rev. 06-10-85)

TEXAS WATER COMMISSION COPY

CWB



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 70 Distance from Property: 1.53 mi. ENE

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294609095194601**

STATION NAME: **LJ-65-14-823**

SITE TYPE: **GW**

LATITUDE: **29.768838000** LONGITUDE: **-95.329422000**

DATE DRILLED: **04/06/1987**

WELL DEPTH: **506 feet**

HOLE DEPTH: **506 feet**

LOCAL AQUIFER: **CHICOT AQUIFER**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 70 Distance from Property: 1.53 mi. ENE

WELL ID: 4117
OWNERS NAME: NATIONAL VINEGAR COMPANY
YEAR DRILLED: 1990
DEPTH DRILLED: 350'
STATIC LEVEL: 300'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.329422000
LATITUDE: 29.768838000
SOURCE: HGSD



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WATER UTILITY DATABASE (WUD)

MAP ID# 71

Distance from Property: 1.59 mi. W

PWSID: 1010013
SOURCE ID: G1010013GN
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1927
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.379447940
LATITUDE: 29.763334270

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 72 Distance from Property: 1.63 mi. SSE

ID NUMBER: TX199542
STATE ID : 65-22-1
OWNER NAME: CALCO MARKETING SERVICE INC
DATE DRILLED: 05/12/1990
DEPTH DRILLED: 600'
STATIC LEVEL: 300'
WATER USAGE: IRRIGATION
LONGITUDE: -95.340248000
LATITUDE: 29.739099000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 199542

(43)

Please use black ink.

OWNER: Confidentiality
Place on Reverse Side

State of Texas
WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER Calco Marketing Service, Inc ADDRESS 3988 Clay Houston Tx
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL:
County Harris 1 miles in NE direction from Houston
(NE, SW, etc.) (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

SEE ATTACHED MAP

3) TYPE OF WORK (Check):
 New Well Deepening
 Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Monitor Public Supply
 Irrigation Test Well Injection De-Watering

5) DRILLING METHOD (Check): Driven
 Mud Rotary Air Hammer Jetted Bored
 Air Rotary Cable Tool Other _____

6) WELL LOG:
Date Drilling: Started 5-8 1990
Completed 5-12 1990

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
	Surface	
<u>7 7/8</u>	<u>0</u>	<u>600'</u>

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other 2 String Cemented
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casting Screen
						From	To	
<u>0</u>	<u>40</u>	<u>Clay</u>						
<u>40</u>	<u>120</u>	<u>Sand</u>						
<u>120</u>	<u>260</u>	<u>Clay</u>	<u>5"</u>	<u>N</u>	<u>SDR17 Casing</u>	<u>0</u>	<u>540</u>	
<u>260</u>	<u>340</u>	<u>Sand</u>	<u>2 1/2"</u>	<u>N</u>	<u>Liner</u>	<u>530</u>	<u>550</u>	
<u>340</u>	<u>410</u>	<u>Clay</u>	<u>2 1/2"</u>	<u>N</u>	<u>Screen</u>	<u>550</u>	<u>600</u>	
<u>410</u>	<u>480</u>	<u>Sand</u>						
<u>480</u>	<u>530</u>	<u>Clay</u>						
<u>530</u>	<u>600</u>	<u>Sand</u>						

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 540 ft. No. of Sacks Used 25
_____ ft. to _____ ft. No. of Sacks Used _____
Method used Halliburton
Cemented by Robinson Water Well

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 287.44(2)(A)]
 Pitless Adapter Used [Rule 287.44(3)(B)]
 Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level 300 ft. below land surface Date 5-12-90
Artesian flow _____ gpm. Date _____

12) PACKERS:
Type K-packer Depth 530

13) TYPE PUMP:
 Turbine Jet 7 1/2 H.P. Goulds Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc., 399 ft.

14) WELL TESTS:
Type Test: Pump Bailer Jetted Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did the drilling penetrate any strata which contained undesirable constituents?
 Yes No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Robinson Water Well Service, Inc WELL DRILLER'S LICENSE NO. 2212
(Type or print)

ADDRESS 11607 FM 149 Houston Texas 77086
(Street or RFD) (City) (State) (Zip)

(Signed) Tim Rob Love (Signed) _____ (Registered Driller Trainee)
(Licensed Well Driller)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 43 Located on map 65-22-1

WWD-012 (Rev. 09/21/88)

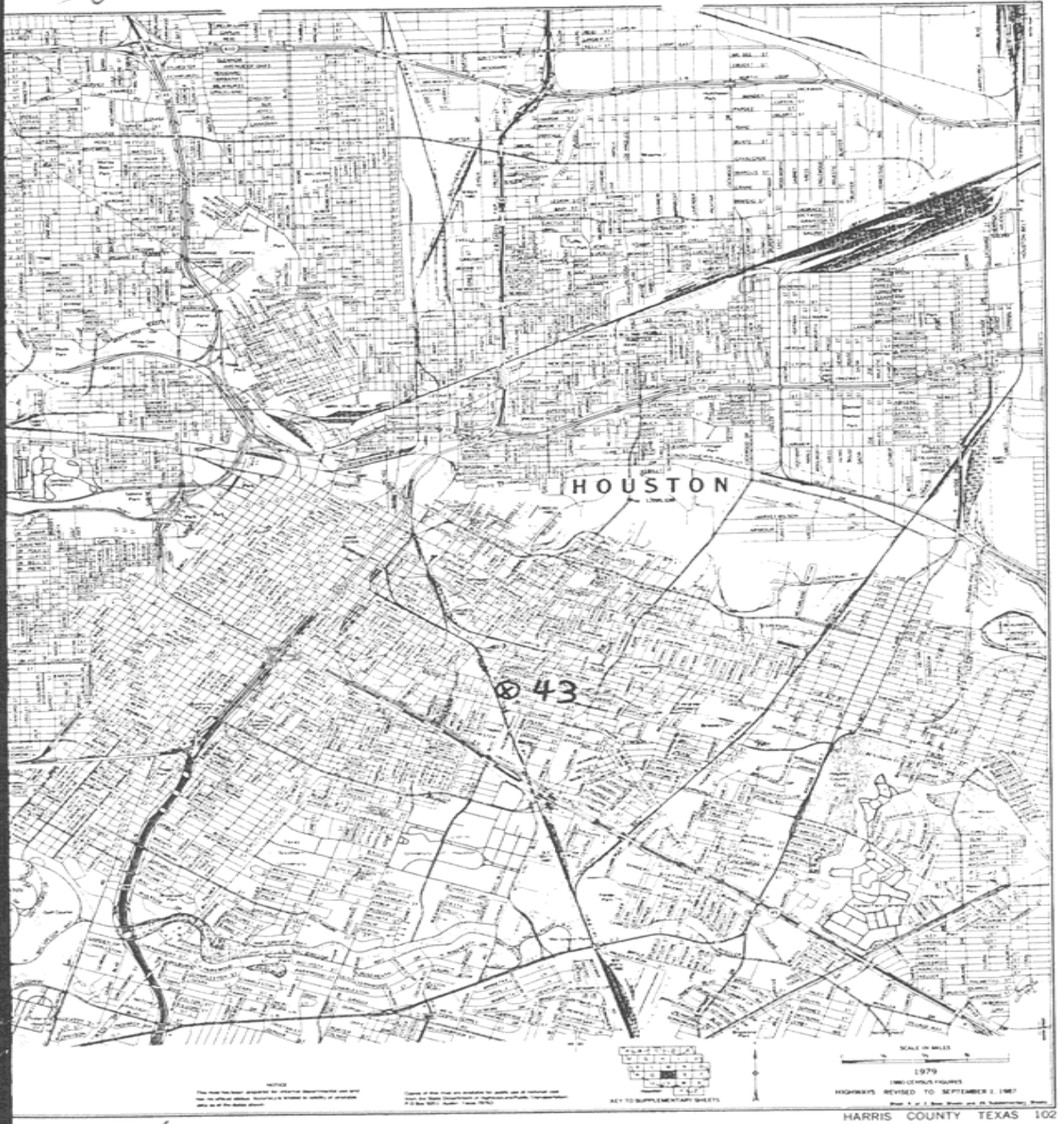
TEXAS WATER COMMISSION COPY



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 199542



HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 72 Distance from Property: 1.63 mi. SSE

WELL ID: **5789**
OWNERS NAME: **CALCO MARKETING INC.**
YEAR DRILLED: **1990**
DEPTH DRILLED: **600'**
STATIC LEVEL: **550'**
WATER USAGE: **AGRICULTURAL IRRIGATION**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.340248000**
LATITUDE: **29.739099000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 73 Distance from Property: 1.68 mi. WSW

STATE ID: 65-21-315
OWNER'S NAME: SHEPHERD LAUNDRY
DATE DRILLED: 00/00/1930
DEPTH DRILLED: 1416'
WATER USAGE: PLUGGED OR DESTROYED
LONGITUDE: -95.376470000
LATITUDE: 29.746330000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521315/6521315.pdf>

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 74 Distance from Property: 1.70 mi. E

TRACK #: 257810

DATE ENTERED: 2011-06-24

OWNER NAME: JIM OHMART

OWNER ADDRESS: 4510 INMAN

HOUSTON, TX 77020

COUNTY: HARRIS

LATITUDE: 29.763056000 LONGITUDE: -95.325278000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=257810&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2011-05-13

DRILLING DATE (COMPLETED): 2011-05-16

DEPTH DRILLED: 260'

WATER LEVEL:

STATIC LEVEL: 120'

WATER LEVEL DATE: 2011-05-16

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: SCOTT DRILLING INC

COMPANY ADDRESS: 11923 GREEN PINE CIRCLE

HOUSTON, TX 77066

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 75

Distance from Property: 1.74 mi. NE

ID NUMBER: **TX205298**
STATE ID : **65-14-8F**
OWNER NAME: **DR. CARROLL**
DATE DRILLED: **08/28/1984**
DEPTH DRILLED: **223'**
STATIC LEVEL: **165'**
WATER USAGE: **RETURN WELL**
LONGITUDE: **-95.330597000**
LATITUDE: **29.776223000**

2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205298



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205298

Send original copy by certified mail to the Texas Department of Water Resources, P. O. Box 5087, Austin, Texas 78711

State of Texas
WATER WELL REPORT
Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Dr. Carroll Address 4702 S. Ft. Houston, TX, 77001
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris Direction Downtown direction from Houston
(Town)

3) TYPE OF WORK (Check):
 New Well Deepening
 Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Public Supply
 Irrigation Test Well Other Return well

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored
 Air Rotary Cable Tool Jetted Other

6) WELL LOG:
 Date drilled 8/24/84
 DIAMETER OF HOLE: Dia. (in.) From (ft.) To (ft.)
 Surface: 6 1/2 0 223

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other Screen + PVC
 If Gravel Packed give interval . . . from 193 ft. to 123 ft.

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	To	Gage Casing Screen
0	2	Surface						
2	28	yellow clay						
28	39	caliche + sandstone	4	N	PVC casing	0	193	
39	66	sand						
66	74	sandstone + clay sh.	4	N	PVC screen	193	223	020
74	140	Red clay						
140	188	stinky clay	4	N	PVC cap			B.O.I.H.
188	230	choppy sandstone						
		↓ sand						
220	223	clay						

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

CEMENTING DATA
 Cemented from +1 ft. to 15 ft.
 Method used _____
 Cemented by GWC1
 (Company or Individual)

9) WATER LEVEL:
 Static level 165 ft. below land surface Date 8/24/84
 Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth
formation 15'
" 193'

11) TYPE PUMP: Return well
 Turbine Jet Submersible Cylinder
 Other _____
 Depth to pump bowls, cylinder, jet, etc., _____ ft.

12) WELL TESTS:
 Type Test Pump Bailor Jetted Estimated
 Yield: 15 gpm with 20% drawdown after hrs

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME Chandler Drilling, Inc. Water Well Driller's License No. 1673
(Type or Print)

ADDRESS Rt. 4, Box 13 Yoakum Texas 77995
(Street or RFD) (City) (State) (Zip)

(Signed) Hayward, C. H. (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only:
Well No. 65-14-8F
Located on map Yes D&F

DWR-0392 (Rev. 5-27-82) DEPARTMENT OF WATER RESOURCES COPY



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 75

Distance from Property: 1.73 mi. NE

ID NUMBER: TX205300
STATE ID : 65-14-8E
OWNER NAME: DR. CARROLL
DATE DRILLED: 08/29/1984
DEPTH DRILLED: 223'
STATIC LEVEL: 165'
WATER USAGE: DOMESTIC
LONGITUDE: -95.330817000
LATITUDE: 29.776223000

2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205300



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205300

State of Texas
WATER WELL REPORT
Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

Send original copy by certified mail to the Texas Department of Water Resources, P. O. Box 13087, Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Dr. Carroll Address Lyons St. Houston, Tx, 77001
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris Downtown direction from Houston
(County) (Name) (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map.

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Public Supply Irrigation Test Well Other

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored Air Rotary Cable Tool Jetted Other

6) WELL LOG:

Date drilled	DIAMETER OF HOLE		
	Dia. (in.)	From (ft.)	To (ft.)
8/29/84	6 1/2	0	223

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other Screen + plug
If Gravel Packed give interval . . . from 15 ft. to 223 ft.

From (ft.)	To (ft.)	Description and color of formation material	8) CASING, BLANK PIPE, AND WELL SCREEN DATA:				
			Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From To	Gage Casing Screen
0	2	Surface					
2	28	clay					
28	39	clay + clay	4	N	PVC casing	0	193
39	66	Sand					
66	74	Sandstone + clay sh.	4	N	PVC screen	193	223
74	120	Red clay					
120	192	Stripy clay	4	N	PVC cap		B.O.H.
192	223	Cherty sandstone					

CEMENTING DATA
Cemented from +1 ft. to 15 ft.
Method used _____
Cemented by GWC
(Company or Individual)

9) WATER LEVEL:
Static level 165 ft. below land surface Date 8/29/84
Artesian flow _____ gpm. Date _____

10) PACKERS: Type _____ Depth None

11) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc., 200 ft.

12) WELL TESTS:
 Type Test Pump Bailor Jetted Estimated
Yield: 15 gpm w/ 200 drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata? _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME Chandler Drilling, Inc. Water Well Driller's License No. 1673
(Type or Print)

ADDRESS Rt. 4, Box 13 Yoakum Texas 77995
(Street or RFD) (City) (State) (Zip)

(Signed) Mary W. Chandler (Signed) _____
(Licensed Water Well Driller) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 65-148E
Located on map Yo D&F

JWR-0392 (Rev. 5-27-82) DEPARTMENT OF WATER RESOURCES COPY

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 75

Distance from Property: 1.74 mi. NE

ID NUMBER: TX205258
STATE ID : 65-14-7
OWNER NAME: DR. CARROLL
DATE DRILLED: 12/06/1984
DEPTH DRILLED: 530'
STATIC LEVEL: 198'
WATER USAGE: GROUND WATER HEAT PUMP
LONGITUDE: -95.330597000
LATITUDE: 29.776223000
1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205258

1.3 m. SINK
1.0 m. E.I.W.H.

30

State of Texas
WATER WELL REPORT
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

1) OWNER Dr. Carroll Address 3921 Lyons Ave. Houston, Tx.
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 2 miles in NE direction from Houston
(N.E., S.W., etc.) (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map. 0265-05-9

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Public Supply Irrigation Test Well Other Ground Water Heat Pump

5) DRILLING METHOD (Check): Mud Rotary Air Hammer Driven Bored Air Rotary Cable Tool Jetted Other _____

6) WELL LOG: Date drilled 12/6/84

DIAMETER OF HOLE		Description and color of formation material
Dia. (in.)	From (ft.) To (ft.)	
	Surface	
	<u>6-3/4</u>	<u>530</u>

7) BOREHOLE COMPLETION: Open Hole Straight Wall Undrilled Gravel Packed Other 2 string cemented
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

From (ft.)	To (ft.)	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
					From	To	
0	30			Clay			
30	65			Sand			
65	140			Shale			
140	190	4"	N	Steel Casing	0	483	Sch.
190	230	2 1/2"	N	PVC Blank Liner	475	490	40"
230	300	2 1/2"	N	PVC Screen	490	530	.012
300	320			Sand			
320	350			Clay			
350	410			Sand			
410	460			Clay			
460	530			Sand			

9) WATER LEVEL: Static level 198 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

10) PACKERS: Type K Depth 475

11) TYPE PUMP: 3HP 17-stage Jacuzzi
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc., 315 ft.

12) WELL TESTS: Type Test: Pump Bailor Jetted Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? potable Depth of strata _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME Robinson Water Well Water Well Driller's License No. XXXXXXXXXXXX 1464
(Type or Print)

ADDRESS 11607 FM 149 Houston, Tx. 77086
(Street or RFD) (City) (State) (Zip)

(Signed) M.E. Robinson (Signed) _____
(Licensed Water Well Driller) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 6574-7
Located on map _____

TOWR-0392 (Rev. 5-27-82) DEPARTMENT OF WATER RESOURCES COPY



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 76 Distance from Property: 1.73 mi. SE

STATE ID: 65-22-213
OWNER'S NAME: GULF CONCRETE PIPE CO
DATE DRILLED: 00/00/1941
DEPTH DRILLED: 276'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.331620000
LATITUDE: 29.743290000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522213/6522213.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-22-213

TEXAS WATER DEVELOPMENT BOARD WELL SCHEDULE

State Well Number - 65 22 213 Previous Well Number - County - Harris 201
 River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 44 33 Longitude - 95 19 53 Source of Coords - 1
 Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____
 Owner - Gulf Concrete Pipe Co Driller - I Mowery

Address _____ Tenant/Oper. _____
 Date Drilled - / /1941 Depth - 276 ft. Source of Depth - D Altitude - 42 ft. Source of Alt. - M
 Aquifer - 112CHCTL CHICOT AQUIFER, LOWER Well Type - W User -
 WELL Const. _____ Casing Material - _____ | Casing or Blank Pipe (C)
 CONSTRUCTION Method - _____ Screen _____ | Well Screen or Slotted Zone (
 Completion - _____ Material - _____ | Open Hole (O)
 LIFT DATA - Pump Mfr. _____ Type - JET PUMP No. Stages _____ | Cemented from _____ to _____
 Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in. | Diam. Setting(feet)
 Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - _____ | (in.) From To
 YIELD Flow- _____ GPM Pump- _____ GPM Meas., Rept., Est- _____ Date- _____ |
 PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM |
 Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap. - _____ GPM/ft |
 QUALITY (Remarks- _____ |
 WATER USE Primary- INDUSTRIAL Secondary- _____ Tertiary- _____ |
 OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- Other Data- _____ |
 WATER LEVELS Date- / / Measurement- _____ |
 Date- / / Measurement- _____ |
 Recorded By _____ Date Record Collected or Updated- / / |
 Reporting Agency - UNITED STATES GEOLOGICAL SURVEY |
 REMARKS - _____ |

Aquifer - 112CHCTL
Well No. - 65 22 213



www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 77 Distance from Property: 1.73 mi. WNW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294607095224701**

STATION NAME: **LJ-65-13-941**

SITE TYPE: **GW**

LATITUDE: **29.769250000** LONGITUDE: **-95.380290000**

DATE DRILLED: **01/01/1960**

WELL DEPTH: **300 feet**

HOLE DEPTH: **300 feet**

LOCAL AQUIFER: **CHICOT AQUIFER**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 77 Distance from Property: 1.73 mi. WNW

STATE ID: **65-13-941**

OWNER'S NAME: **GENERAL DYNAMICS**

DATE DRILLED: **00/00/1960**

DEPTH DRILLED: **300'**

WATER USAGE: **UNUSED**

LONGITUDE: **-95.380290000**

LATITUDE: **29.769250000**

SOURCE: **TWDB**

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513941/6513941.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-13-941

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 941 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 46 07 Longitude - 95 22 47 Source of Coords -

Owners Well No. _____ Location _____ 1/4. _____ 1/4. Section _____, Block _____, Survey _____
Owner - General Dynamics Driller -

Address _____ Tenant/Oper. _____
Date Drilled - / /1960 Depth - 300 ft. Source of Depth - Altitude - 54 ft. Source of Alt. -
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User -
WELL Const. Casing Material - _____ Casing or Blank Pipe (C)
CONSTRUCTION Method - _____ Screen Well Screen or Slotted Zone (_____
Completion - _____ Material - _____ Open Hole (O)
LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages _____ Cemented from _____ to _____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in. Diam. Setting(feet)
Motor Mfr. - _____ Fuel or Power - _____ Horsepower - _____ (in.) From To
YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____
PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM
Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft
QUALITY (Remarks- _____
WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____
OTHER DATA AVAILABLE Water Levels- N Quality- Y Logs- _____ Other Data- _____
WATER LEVELS Date- / / Measurement- _____
Date- / / Measurement- _____
Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency -
REMARKS -

Aquifer - 112CHCT
Well No. - 65 13 941

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 78 Distance from Property: 1.74 mi. W

STATE ID: **65-13-903**
OWNER'S NAME: **CITY OF HOUSTON CENTRAL**
DATE DRILLED: **00/00/1948**
DEPTH DRILLED: **1980'**
WATER USAGE: **PUBLIC SUPPLY**
LONGITUDE: **-95.382400000**
LATITUDE: **29.760610000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513903/6513903.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 6
State ID: 65-13-903

WRD Exp. (GW)
April 1966

Well No. LT-65-13-903

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD

Record by McAdoo Source File Date 2-16-68 Map Houston Heights 1525
 State Texas County Harris Sequential number: 1
 Latitude: 29° 45' 37" N Longitude: 095° 22' 58" W
 Local well number: LT-65-13-903 Other number: C-19
 Local use: _____ Owner of name: City of Houston
 Owner or name: CITY OF HOUSTON Address: Central Plant
 Ownership: (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist
 Use of Well: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Fire, (F) Power, (G) Irr, (H) Med, (I) Ind, (P) Rec, (R) Stock, (S) Instit, (U) Unused, (V) Recharge, (W) Desal-F B, (X) Desal-other, (Y) Other
 Use of Well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (W) Withdraw, (X) Waste, (Y) Destroyed
 DATA AVAILABLE: Well data Freq. W/L meas.: Annual Field aquifer char. _____
 Hyd. lab. data: _____
 Qual. water data: TYPE: _____
 Freq. sampling: 2-27-48 Pumpage inventory: yes _____ no: period: _____
 Aperture cards: _____ yes _____
 Log data: E-Log (0-2510) T-35 _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1980 ft 1780 Meas. Driller
 Depth cased: 1160 ft Casing type: S ; Dia: 24-13-12 in
 Finish: porous concrete, gravel w. screen, horz. gallery, open perf., screen, sd. pt., shored, open hole, other
 Method: (A) air bored, (B) cable, (C) dug, (D) jetted, (E) air percussion, (F) reverse, (G) trenching, (H) driven, (I) drive wash, (J) other
 Data Drilled: Apr. 1948 948 Pump intake setting: _____ ft
 Driller: Texas Water Wells, Inc., Houston, Texas
 Life: (A) air, (B) bucket, (C) jet, (D) multiple, (E) multiple, (F) nose, (G) piston, (H) rot, (I) submerg, (J) turb, (K) other
 Power: (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P.
 Descrip. MP Top of Drill Pipe +0.5 ft above/below LSD Alt. MP _____
 Alt. LSD: 52 52 Accuracy: Topo 5'
 Water Level: 206.60 ft above/below MP; Ft below LSD Accuracy: MEGS
 Date meas: 4-13-48 448 Yield: 2480 gpm 2480 Method determined 4
 Drawdown: 60 ft 60 Accuracy: MEGS 96 hr 96
 QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____
 Sp. Conduct _____ K x 10⁶ _____ Temp. _____ °F _____
 Taste, color, etc. _____

PL-266.68

Well No. LT-65-13-903

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 6
State ID: 65-13-903

Well No. LJ-65-13-903

Latitude-longitude 29.45.37 [Ⓝ] 99.22.58.1

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: coastal plain Section: _____

Drainage Basin: F Subbasin: 51R

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp. (E) (F) (R) (K) (L) (S) (P) (B) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat _____

MAJOR AQUIFER: system _____ series 7 aquifer, formation, group E **AQUIFER** _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: 367 ft Depth to top of: 367 ft

MIRROR AQUIFER: system _____ series _____ aquifer, formation, group _____ **AQUIFER** _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: * 1160 - 1960

Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

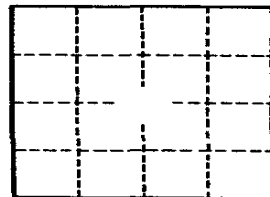
Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ spd/ft Coefficient Storage: _____

Coefficient Perm: _____ spd/ft; Spec cap: _____ Number of geologic cards: _____

*** SCREEN:**

1160-1195	15
1250-1340	90
1360-1515	350
1595-1610	15
1660-1680	20
1848-1860	12
1920-1960	40



CSS:

24"	0-627
13 3/8"	525-1000
12 3/4"	1000-1980

Well No. LJ-65-13-903

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

020971

Latitude 29 45 37 Longitude 095 22 58 01 Seq. No. 01

County code 201 County HARRIS

Well # LJ-65-13-903

Project number 7-4648-01000

Date 2-10-77 Time - Temp °C 29.0

Owner CITY OF HOUSTON

Address CENTRAL C-19

Date drld - WBF code 121 Evg1

Sample interval:(top) 1160 (bottom) 1960

Water level - Appr CLEAR Use PS

Collector D. BUTLER Yield - GPM

Smpld aftr pmpg - Depth -

Pt of coll TAP ON DISCHARGE

Field: Cond - pH - HCO₃ - DO -

Indicate types of analyses

Coliform - Phenols - Minors -

Nutrients - MBAS - BOD - TOC - DOC -

Std chem schedule -

Other I

Herbicide - Insecticide -

Remarks:

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	7,2,0,0,4			
DO (mg/l)	0,0,3,0,0			
DO % Sat.	0,0,3,0,1			
Temp °C	0,0,0,1,0	29,0,0	0,2	29.0
pH	0,0,4,0,0	8,5,0,0	0,1	8.5
Specific conductance	0,0,0,9,5	6,6,8,0	0,3	668
HCO ₃	0,0,4,4,0	3,0,8,0	0,3	308
CO ₃	0,0,4,4,5	8,0,0,0	0,1	8
Chloride (Cl)	0,0,9,4,0	5,4,0,0	0,2	54
Sulfate (SO ₄)	0,0,9,4,5	6,0,0,0	0,1	6.0
Color	0,0,0,8,0			
Coliform, membrane filter	3,1,5,0,1			
Coliform, fecal	3,1,6,2,5			
Strep-tococci	3,1,6,7,3			
BOD	0,0,3,1,0			

Type 2 Station identification number 29 45 37 095 22 58 01

Time of measurement

Y - M - D - Begin 17 22

29 32

Depth	Parameter code	Value	Exp.	Rmk
	7,2,0,0,8			
Yield (GPM)	0,0,0,5,9			
Sample interval TP	7,2,0,1,5	1,1,6,0	0,4	
Sample interval BOTTOM	7,2,0,1,6	1,9,6,0	0,4	
Water level	7,2,0,1,9			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

TX-73Q
(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resource Division
Austin, Texas

017560

Latitude 29° 45' 37" Longitude 095° 22' 58" Seq. No. 01

County code 201 County Harris

Well # WJ-65-13-903

Project number 4648-01000

Date 2-11-76 Time — Temp° 29.0

Owner City of Houston

Address Central C-19

Date drld — WBF code 121EVEL

Sample interval: (top) 1160 (bottom) 1960

Water level — Appr/levr Use PS

Collector Nattel Yield — GPM

Smpld aftr pmpg en arrival Depth —

Pt of coll top or discharge

Field: Cond — pH — HCO₃ — DO —

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	7,2,0,0,4			
DO (mg/l)	0,0,3,0,0			
DO % Sat.	0,0,3,0,1			
Temp °C	0,0,0,1,0	29.00	0.2	29.0
pH	0,0,4,0,0	8.100	0.1	8.1
Specific conductance	0,0,0,9,5	66.40	0.3	66.4
HCO ₃	0,0,4,4,0	31.90	0.3	31.9
CO ₃	0,0,4,4,5	00.00	0.1	0
Chloride (Cl)	0,0,9,4,0	52.00	0.2	52
Sulfate (SO ₄)	0,0,9,4,5	68.00	0.1	6.8
Color	0,0,0,8,0			
Coliform, membrane filter	3,1,5,0,1			
Coliform, fecal	3,1,6,1,6			
Strep-tococci	3,1,6,7,9			
BOD	0,0,3,1,0			

Indicate types of analyses

Coliform Nutrients Std chem schedule Other Herbicide Insecticide

Phenols MBAS BOD

Minors TOC DOC

Remarks:

Type 2 Station identification number 294537095225801

Y 7 M 6 D 02 Time of measurement 11

17 Begin 22 29 32

Depth	Parameter code	Value	Exp.	Rmk
	7,2,0,0,8			
Yield (GPM)	0,0,0,5,9			
Sample interval TOP	7,2,0,1,5	1160	0.4	
Sample interval BOTTOM	7,2,0,1,6	1960	0.4	
Water level	7,2,0,1,9			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 5 out of 6
State ID: 65-13-903

Austin, Texas

Latitude 29 4 53.7 Longitude 0 9 52.25801 Seq. No. 1

County code 201 County Harris

Well # 25-65-13-403

Project number 5-4648-01000

Date 2-10-75 Time _____ Temp °C 29.0

Owner City of Houston

Address Central # 19

Date drld 5-48 WBF code 121EV64

Sample interval:(top) 1160 (bottom) 1960

Water level _____ Appr _____ Use PS

Collector Nafel Yield _____ GPM

Smpld aftr pmgpon arrival Depth 1980

Pt of coll Faucet on pipe

Field: Cond _____ pH _____ HCO₃ _____ DO _____

Indicate types of analyses

Coliform _____ Phenols _____ Minors _____

Nutrients _____ MBAS _____ BOD _____ TOC _____ DOC _____

Std chem schedule I + SO₄

Other _____

Herbicide _____ Insecticide _____

Remarks:

Type 2 Station identification number 29 4 53.7 0 9 52.25801

7 5 0 2 1 0 Time of measurement _____

17 Begin 22 29 32

Depth Parameter code 7 2 0 0 8 Value 1 9 8 0 Exp. 0 4 Rmk

Yield (GPM) 0 0 0 5 9

Sample interval TOP 7 2 0 1 5 1 1 6 0 0 4

Sample interval BOTTOM 7 2 0 1 6 1 9 6 0 0 4

Water level 7 2 0 1 0

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	<u>7 2 0 0 4</u>			
DO (mg/l)	<u>0 0 3 0 0</u>			
DO % Sat.	<u>0 0 3 0 1</u>			
Temp °C	<u>0 0 0 1 0</u>	<u>2 9 0 0</u>	<u>0 2</u>	
pH	<u>0 0 4 0 0</u>	<u>7 9 0 0</u>	<u>0 1</u>	<u>7.9</u>
Specific conductance	<u>0 0 0 9 5</u>	<u>6 4 7 0</u>	<u>0 3</u>	<u>64"</u>
HCO ₃	<u>0 0 4 4 0</u>	<u>3 1 6 0</u>	<u>0 3</u>	<u>316</u>
CO ₃	<u>0 0 4 4 5</u>	<u>0 0 0 0</u>	<u>0 1</u>	<u>0</u>
Chloride (Cl)	<u>0 0 9 4 0</u>	<u>4 8 0 0</u>	<u>0 2</u>	<u>48</u>
Sulfate (SO ₄)	<u>0 0 9 4 5</u>	<u>6 4 0 0</u>	<u>0 1</u>	<u>6.4</u>
Color	<u>0 0 0 8 0</u>			
Coliform, membrane filter	<u>3 1 5 0 1</u>			
Coliform, fecal	<u>3 1 6 1 6</u>			
Strep-tococci	<u>3 1 6 7 9</u>			
BOD	<u>0 0 3 1 0</u>			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 6 out of 6
State ID: 65-13-903

Water Development Board
Austin, Texas

Latitude 29 45 37 Longitude 095 22 58 01 Seq. No. 01

County code 101 County Harris

Well # L5-65-13-703

Project number T-4648-01000

Date 9-17-76 Time 1530 Temp °C ?

Owner City of Houston

Address Central No C-19

Date drld - WBF code 121 (Evap)

Sample interval:(top) 1160 (bottom) 1960

Water level - Appr Clear Use PS

Collector BEZANT Yield - GPM

Smpld aftr pmpg ARRIVAL Depth -

Pt of coll tap on discharge

Field: Cond - pH - HCO₃ - DO -

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

1 chem schedule I

Other

Herbicide Insecticide

Remarks:

Type 2 Station identification number 294537095225801

Y M D 7 6 0 9 1 7 Time of measurement 29 32

17 Begin 22 29 32

Depth Parameter code 72008 Value Exp. Rmk

Yield (GPM) 00059

Sample interval TOP 72015 1160 04

Sample interval BOTTOM 72016 1960 04

Water level 72019

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	72004			
DO (mg/l)	00300			
DO % Sat.	00301			
Temp °C	00010			
pH	00400	8100	01	8.1
Specific conductance	00095	6740	03	674
HCO ₃	00440	3250	03	325
CO ₃	00445	0000	01	0
Chloride (Cl)	00940	5600	02	56
Sulfate (SO ₄)	00945	4400	01	4.4
Color	00080			
Coliform, membrane filter	31501			
Coliform, fecal	31616			
Strep-tococci	31679			
BOD	00310			

WATER UTILITY DATABASE (WUD)

MAP ID# 78

Distance from Property: 1.74 mi. W

PWSID: 1010013
SOURCE ID: G1010013L
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 07/15/1948
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - ABANDONED
CCN: P1552
LONGITUDE: -95.382774350
LATITUDE: 29.760278700

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 78 Distance from Property: 1.74 mi. W

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294537095225801**

STATION NAME: **LJ-65-13-903**

SITE TYPE: **GW**

LATITUDE: **29.760612000** LONGITUDE: **-95.382400000**

DATE DRILLED: **194804**

WELL DEPTH: **1980 feet**

HOLE DEPTH: **2510 feet**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 78

Distance from Property: 1.74 mi. W

WELL ID: **1020**
OWNERS NAME: **HOUSTON, CITY OF**
YEAR DRILLED: **1948**
DEPTH DRILLED: **1980'**
STATIC LEVEL: **999'**
WATER USAGE: **PUBLIC SUPPLY**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.382400000**
LATITUDE: **29.760612000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 79 Distance from Property: 1.77 mi. NNW

STATE ID: **65-14-709**
OWNER'S NAME: **CRESCENT LAUNDRY**
DATE DRILLED: **00/00/1936**
DEPTH DRILLED: **235'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.365880000**
LATITUDE: **29.783500000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514709/6514709.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-709

Texas Water Development Board Well Schedule

State Well Number 6514709 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294700 Longitude 952156 Source of Coords 2

Owner's Well No. Location
Owner Crescent Laundry Driller Layne Texas Co.

Address Tenant/Oper.

Date Drilled / /1936 Depth 235 Source of Depth Altitude 51 Source of Alt.
Well Type W User

WELL CONSTRUCTION Const-Method Completion Casing Material Screen Material Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from _____ to _____

LIFT DATA - Pump Mfr. - Type - NONE No. Stages
Bowls Diam. - in. Setting - ft. Column Diam. - in.
Motor Mfr. - Fuel or Power - Horsepower -
YIELD Flow- GPM Pump GPM Meas.,Rept.,Est.- Date-

WATER USE Primary - UNUSED Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - Other Data -

WATER LEVELS 1 measurement
1936
-59

Recorded By Date Record Collected or Updated - 09/30/2002
Reporting Agency 01

REMARKS -
TWDB R178: Screen from 182 to 206 ft.

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER,LOWER

Wednesday, January 25, 2006

Well Number - 6514709



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SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 80

Distance from Property: 1.79 mi. W

TRACK #: 210899

DATE ENTERED: 2010-03-22

OWNER NAME: WILLIAMS BROTHERS

OWNER ADDRESS: PO BOX 66428

HOUSTON, TX 77266

COUNTY: HARRIS

LATITUDE: 29.762778000 LONGITUDE: -95.383055000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=210899&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2009-07-09

DRILLING DATE (COMPLETED): 2009-07-10

DEPTH DRILLED: 230'

WATER LEVEL:

STATIC LEVEL: 92'

WATER LEVEL DATE: 2009-06-23

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: BUSSELL & SONS LLC

COMPANY ADDRESS: PO BOX 874

TOMBALL, TX 77377



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 81

Distance from Property: 1.80 mi. WSW

ID NUMBER: TX182199
STATE ID : 65-13-9
OWNER NAME: JMG BUILDERS, LTD.
DATE DRILLED: 12/31/1998
DEPTH DRILLED: 361'
STATIC LEVEL: 180'
WATER USAGE: IRRIGATION
LONGITUDE: -95.381358000
LATITUDE: 29.750695000
1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 182199

ATTENTION OWNER: Confidentiality STATE OF TEXAS
Privilege Notice on Reverse Side WATER WELL REPORT

1) OWNER: JMG BUILDERS, LTD. ADDRESS: 2700 POST OAK BLVD. #1666 CITY: HOUSTON STATE: TX ZIP: 77056-

2) ADDRESS OF WELL: 5)
County: HARRIS GRID # 65-13-09
Street or RFD: # 10 OAK COURT THE LIVE OAK APARTMENTS (STATE WELL# 6700) (FAIRGROUND APT.,LTD)
City, State, Zip code: HOUSTON TX 77006-

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 00278 DIAMETER OF HOLE 7) DRILLING METHOD: 8) BOREHOLE COMPLETION:
DATE DRILLING: 7.75 -0- 334 MUD ROTARY TWO-STRING
STARTED: 06/23/98 4.75 334 361 IF GRAVEL: FROM FT. TO FT.
COMPLETED: 12/31/98 FROM FT. TO FT.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING	SCREEN
5.0	N	PVC WELL CASING	#2 334		SDR-17	
2.5	N	PVC BLANK PIPE	330	340	SCH 80	
2.5	N	STAINLESS ROD BASE	340	350	8 GA	
2.5	N	STAINLESS ROD BASE	350	360	10 GA	
2.5	N	NIP W/BACKWASH VALVE	360	361	SCH 80	

9) CEMENTING DATA:
Cemented from 334 FT. TO 214 FT. No. of Sacks Used 12
-0- FT. TO 18 FT. Method used: HALLIBURTON METHOD
Cemented by: GDI LOWER PRESSURED
Distance to septic field lines: n/a ft.
Method of verification of above distances:
CITY SEWERAGE

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 180 FT. DATE: 10/20/98
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:
TYPE DEPTH
BP-SEAL 330
FORMATION PACKER 18

13) TYPE PUMP: SUBMERSIBLE DEPTH TO PUMP: 280
14) WELL TEST: JETTED YIELD: 100 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 40+ NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: GEOPHYSICAL DRILLING, INC. WATER WELL DRILLER'S LICENSE NO.: 4898WPK FOR TWC USE ONLY
ADDRESS: P.O. BOX 664 CITY: FULSHEAR STATE: TX ZIP CODE: 77441 WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) James Brown (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER TRAINEE)

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 81 Distance from Property: 1.80 mi. WSW

WELL ID: **6700**
OWNERS NAME: **OAKWOOD APARTMENT MANAGEMENT**
YEAR DRILLED: **1998**
DEPTH DRILLED: **440'**
STATIC LEVEL: **420'**
WATER USAGE: **OTHER**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.381358000**
LATITUDE: **29.750695000**
SOURCE: **HGSD**



www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 82 Distance from Property: 1.80 mi. WSW

STATE ID: 65-13-931
OWNER'S NAME: HORLOCK ICE CO.
DATE DRILLED: 00/00/1941
DEPTH DRILLED: 509'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.382644000
LATITUDE: 29.754220000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513931/6513931.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-13-931

Texas Water Development Board Well Schedule

State Well Number 6513931 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294514 Longitude 952257 Source of Coords 3

Owner's Well No. Location
Owner Horlock Ice co. Driller Layne Texas

Address Tenant/Oper.

Date Drilled / /1941 Depth 509 Source of Depth Altitude 53 Source of Alt.
Well Type W User

WEL CONSTRUCTION Const-Method Completion Casing Material Blank Screen Material Blank
Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from to

LIFT DATA - Pump Mfr. - Type - AIRLIFT No. Stages
Bowls Diam - in. Setting - ft. Column Diam. - in.
Motor Mfr. - Fuel or Power - blank Horsepower -
YIELD Flow- GPM Pump GPM Meas.,Rept.,Est.- Date-

WATER USE Primary - INDUSTRIAL Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - M Quality - Y Logs - Other Data -

WATER LEVELS 1 measurement
1941
-108

Recorded By Date Record Collected or Updated - / /

Reporting Agency

REMARKS -
58 ft of screen between 310 and 509
ft. Reported yield 270 gpm with 82
ft drawdown when drilled.

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER.LOWER

Wednesday, August 04, 2

Well Number - 6513931



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 83 Distance from Property: 1.85 mi. WNW

STATE ID: **65-13-904**
OWNER'S NAME: **CITY OF HOUSTON (CENTRAL #20)**
DATE DRILLED: **01/00/1949**
DEPTH DRILLED: **1960'**
WATER USAGE: **PUBLIC SUPPLY**
LONGITUDE: **-95.383068000**
LATITUDE: **29.767159000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513904/6513904.pdf>



www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 16
State ID: 65-13-904

WRD Exp. (GW)
April 1966

Well No. 65-13-904

WELL SCHEDULE
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by 1949 (Gibson) Source of data File Date 2-16-68 Map HOUSTON HEIGHTS 155

State Texas County Harris City H J

Latitude: 29° 46' 01" N Longitude: 095° 22' 58" W Sequential number: 1

Local well number: 1J-65-13-904 Other number: C-20

Local use: _____ Owner or name: City of Houston

Owner or name: CITY OF HOUSTON Address: Central Plant

Ownership: County, Fed Gov't, (M) City, Corp or Co, Private, State Agency, Water Dist M

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, (P) P S Rec, Stock, Instit, Unused, Reprasure, Recharge, Desal-P S, Desal-other, Other P

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, (W) Withdraw Waste, Destroyed W

DATA AVAILABLE: Well data 1 Freq. W/L meas.: ANNUAL 4 Field equifer char. 73

Hyd. lab. data: _____ 73

Qual. water data: type: _____ 74

Freq. sampling: 3-26-49 A Pumpage inventory: yes 76 no. period: _____

Aperture cards: _____ yes 77

Log data: E-Log (T-32) E 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1960 ft Meas. Driller 3

Depth cased: 1015 ft Casing 5 Type: _____; Diam. 24-12 in 24

Finish: porous gravel w. horiz. screen, (perf.), gallery, end, (G) ? (H) (P) (S) (T) (W) (X) (B) G

Method (A) (B) (C) (D) (H) (J) (P) (R) (T) (V) (W) (B) 4

Drilled: air bored, cable, dug, jetted, air reverse, percussion, rotary, drive wash, other _____

Date Drilled: Jan 1949 9 4 9 Pump intake setting: _____ ft _____

Driller: Texas Water Wells Inc, Houston, Texas

Lift (A) (B) (C) (J) (L) (M) (N) (P) (R) (S) (T) (B) 7 Deep D Shallow 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 5 Trans. or meter no. _____

Descrip. MP Top of agitator pipe + 1.08 ft above LSD. Alt. MP _____

Alt. LSD: 46 4 6 Accuracy: Topo 5' 3

Water Level 187.10 ft above MP; Ft below LSD 186 Accuracy: MEQS 57 A

Date meas: 3-28-49 3 4 9 Yield: 243.5 gpm 2 4 3 5 Method determined 4

Drawdown: 67 ft 6 7 Accuracy: MEQS 0 Pumping period 96 hrs 9 6

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct _____ K x 10⁶ Temp. _____ °F _____ ppm sampled _____

Taste, color, etc. _____

Well No. 65-13-904

PL-254.28

* 3-825 Breather hole +4.0

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 16
State ID: 65-13-904

Well No. LT-65-13-904

Latitude-longitude 29 46.01 5085 22.58 1

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: coastal plain Section: 03

Drainage Basin: F Subbasin: 51R

Top of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (H) (K) (L) (M) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series T aquifer, formation, group E

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: 405 ft Depth to top of: _____ ft

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: * 1015-1940

Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft²; Spec cap: gpm/ft; Number of geologic cards: _____

* Screen:

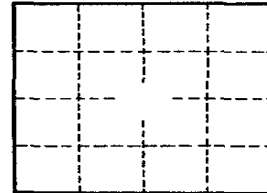
1015-1050	35
1100-1300	200
1315-1340	25
1350-1375	25
1395-1410	15
1530-1545	15
1565-1580	15
1850-1910	60
1925-1940	15

Test Well to 2532. E-log.

1st drill stem test @
2478-2532 CL = 1975 PPM.

2nd test @ 2182-2220
CL = 665 PPM

3rd Test @ 1865-1900
CL = 104 PPM.



CS9;

24" 0-604

12 3/4" 504-1960

Well No. LT-65-13-904

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 3 out of 16
State ID: 65-13-904

WRD Exp. (GW)
April 1966

Well No. WT-65-13-904

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by McDade Source File Date 2-16-66 Map 1:24000 Houston Heights 155
 State Texas County Harris Sequential number: 1
 Latitude: 29° 46' 01" N Longitude: 095° 22' 58" W
 Local well number: LJ-65-13-904 Other number: C-20
 Local use: _____ Owner or name: City of Houston
 Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist M
 Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Mad, Ind, P, S, Rec, Stock, Inatit, Unused, Reppure, Recharge, Desal-F S, Desal-other, Other P
 Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed W
 DATA AVAILABLE: Well data 1 Freq. W/L meas.: ANNUAL Field aquifer char. A
 Hyd. lab. data: _____
 Qual. water data; type: _____
 Freq. sampling: 3-26-49 Pumpage inventory: yes _____
 Aperture cards: _____ yes _____
 Log data: F-Log (T-32)

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1960 ft. Near-accr: 1960 Driller 3
 Depth cased: 1015 ft. Casing type: S Diam: 24-12 in. 2-4
 Finish: porous gravel v. concrete, (perf.), (screen), (horiz. gallery, end, perf., screen, sd. pt., shored, open hole, other) 6
 Method: (A) air bored, (B) cable, (C) dug, (D) jetted, (E) air rot., (F) reverse, (G) air percussion, (H) rotary, (I) driven, (J) drive wash, (K) other 4
 Date Drilled: Jan 1949 Pump intake setting: _____ ft.
 Driller: Texas Water Wells, Inc. Houston, Texas
 Lift: (A) air, (B) bucket, (C) cent., (D) multiple, (E) multiple, (F) nose, (G) piston, (H) rot., (I) submerg., (J) turb., (K) other 7 (L) Deep D
 Power: (A) diesel, (B) elec., (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) E.P. 5 TRADE OR METER NO. _____
 Descrip: MF top of agitator pipe + 1.08 ft. above LSD. Alt. MF _____
 Alt. LSD: 46 Accuracy: Topo 5'
 Water Level: 187.10 ft. above MP; Ft. above LSD: 186 Accuracy: MEOS A
 Date meas: 3-28-49 Yield: 349 gpm. 243.5 gpm. 243.5 Method determined 4
 Drawdown: 67 ft. Accuracy: 6.7 Accuracy: MEOS 0 Pumping period 96 hrs. 96
 QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____
 Sp. Conduct _____ K x 10⁶ Temp. _____ Date sampled _____
 Taste, color, etc. _____

PL: 254.28

Well No. WT-65-13-904

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 4 out of 16
State ID: 65-13-904

Well No. LJ-65-13-904

Latitude-longitude 27.46.01 99.52.1

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: Coastal Plain Section: 03

Drainage Basin: F Subbasin: S11R

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp. (E) offshora, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series T aquifer, formation, group E

Lithology: _____ Origin: _____ Thickness: _____

Length of well open to: 405 ft Depth to top of: 405 ft

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Thickness: _____

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: * 1065-1940

Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ spd/ft Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

* SCREEN:

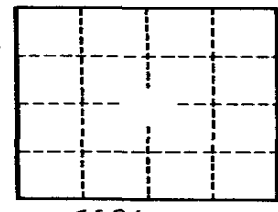
1015-1050	35
1100-1300	200
1315-1340	25
1350-1375	25
1375-1410	15
1530-1545	15
1565-1580	15
1850-1910	60
1925-1940	15

Test Well to 2532. E-log.

1st drill stem test @ 2498-2532 CL = 1975 ppm.

2nd test @ 2186-2220 CL = 665 ppm.

3rd Test @ 1865-1900 CL = 104 ppm.



C59;

24" 0-604

12 3/4" 504-1960

Well No. LJ-65-13-904

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 5 out of 16
State ID: 65-13-904

LA-73Q
(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

020972

Latitude 94691 Longitude 095225801 Seq. No. 01

County code 201 County HARRIS

Well # LJ-65-13-904

Project number 74648-01000

Date 2-10-77 Time - Temp °C 27.0

Owner CITY OF HOUSTON

Address CENTRAL C-20

Date drld - WBF code 121 Evg1

Sample interval:(top) 1015 (bottom) 1940

Water level - Appr CLEAR Use PS.

Collector R BUTLER Yield - GPM

Smpld aftr pmpg - Depth -

Pt of coll TAP ON DISCHARGE

Field: Cond - pH - HCO₃ - DO -

Indicate types of analyses

Coliform - Phenols - Minors -
trients MBAS BOD TOC DOC

Std chem schedule -

Other -

Herbicide - Insecticide -

Remarks:

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	72004			
DO (mg/l)	00300			
DO % Sat.	00301			
Temp °C	00010	27.00	02	27.0
pH	00400	8.100	01	8.1
Specific conductance	00095	71.40	03	71.4
HCO ₃	00440	32.70	03	32.7
CO ₃	00445	0.000	01	0
Chloride (Cl)	00940	67.00	02	67
Sulfate (SO ₄)	00945	8.000	01	8.0
Color	00080			
Coliform, membrane filter	31501			
Coliform, fecal	31625			
Strep-tococci	31673			
BOD	00310			

Type 2 Station identification number 294601095225801

Y - M - D - Time of measurement -

Depth 72008 Parameter code 72008 Value - Exp. - Rmk -

Yield (GPM) 00059 Parameter code 00059 Value - Exp. - Rmk -

Sample interval JP 72015 Parameter code 72015 Value 1015 Exp. 04 Rmk -

Sample interval BOTTOM 72016 Parameter code 72016 Value 1940 Exp. 04 Rmk -

Water level 72019 Parameter code 72019 Value - Exp. - Rmk -

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 6 out of 16
State ID: 65-13-904

Water Development District # _____ Austin, Texas

Latitude 29 46 01 Longitude 095 22 58 01 Seq. No. _____

County code 101 County HARRIS

Well # LT-65-13-904

Project number T-4648-01000

Date 9-17-76 Time 1230 Temp °C ?

Owner CITY OF HOUSTON

Address CENTRAL NO. C-20

Date drld _____ WBF code 121 Evq) _____

Sample interval:(top) 1015 (bottom) 1940

Water level _____ Appr Clear-Use PS

Collector BETANT Yield _____ GPM

Smpld aftr pmpg ON ARRIVAL Depth _____

Pt of coll TOP ON DISCHARGE

Field: Cond _____ pH _____ HCO₃ _____ DO _____

Indicate types of analyses

Coliform _____ Phenols _____ Minors _____

Nutrients _____ MBAS _____ BOD _____ TOC _____ DOC _____

chem schedule I

Other _____

Herbicide _____ Insecticide _____

Remarks:

Type 2 Station identification number 29 46 01 09 52 25 80 1

Y M D Time of measurement

7 6 0 9 1 7 _____

17 Begin 22 29 32

Depth Parameter code 72008 Value _____ Exp. _____ Rmk _____

Yield (GPM) 00059 _____

Sample interval TOP Parameter code 72015 Value 1015 Exp. 04 Rmk _____

Sample interval BOTTOM Parameter code 72016 Value 1940 Exp. 04 Rmk _____

Water level Parameter code 72019 Value _____ Exp. _____ Rmk _____

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	<u>72004</u>			
DO (mg/l)	<u>00300</u>			
DO % Sat.	<u>00301</u>			
Temp °C	<u>00010</u>			
pH	<u>00400</u>	<u>7900</u>	<u>01</u>	<u>7.9</u>
Specific conductance	<u>00095</u>	<u>7080</u>	<u>03</u>	<u>708</u>
HCO ₃	<u>00440</u>	<u>3300</u>	<u>03</u>	<u>330</u>
CO ₃	<u>00445</u>	<u>0000</u>	<u>01</u>	<u>0</u>
Chloride (Cl)	<u>00940</u>	<u>6700</u>	<u>02</u>	<u>67</u>
Sulfate (SO ₄)	<u>00945</u>	<u>8000</u>	<u>01</u>	<u>8.1</u>
Color	<u>00080</u>			
Coliform, membrane filter	<u>31501</u>			
Coliform, fecal	<u>31616</u>			
Strep-tococci	<u>31679</u>			
BOD	<u>00310</u>			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

017501

Latitude - Longitude Seq. No.

7 9 4 6 0 1 0 9 5 2 2 5 8 0 1

County code 201 County HARRIS

Well # LJ-65-13-904

Project number 4648-01000

Date 2-11-76 Time — Temp°C 28.5

Owner City of Houston

Address Central C-20

Date drld — WBF code 121EVL

Sample interval: (top) 1015 (bottom) 1940

Water level — Appr/leak Use PS

Collector Kattel Yield — GPM

Smpld aftr pmpg on arrival Depth —

Pt of coll top on discharge pipe

Field: Cond — pH — HCO₃ — DO —

Indicate types of analyses

Coliform Phenols Minors
N rients MBAS BOD TOC DOC
Std chem schedule I

Other —

Herbicide — Insecticide —

Remarks:

Type Station identification number

2 2 9 4 6 0 1 0 9 5 2 2 5 8 0 1

1 2 9 16

Y M D Time of measurement

7 6 0 2 1 1 29 32

17 Begin 22

Parameter code Value Exp. Rmk

Depth 7 2 0 0 8

Yield (GPM) 0 0 0 5 9

Sample interval 7 2 0 1 5 1 0 1 5 0 4

Sample interval 7 2 0 1 6 1 9 4 0 0 4

BOTTOM

Water level 7 2 0 1 9

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	7 2 0 0 4			
DO (mg/l)	0 0 3 0 0			
DO % Sat.	0 0 3 0 1			
Temp °C	0 0 0 1 0	28.50	0.2	28.5
pH	0 0 4 0 0	7.900	0.1	7.9
Specific conductance	0 0 0 9 5	717.0	0.3	717
HCO ₃	0 0 4 4 0	328.0	0.3	328
CO ₃	0 0 4 4 5	00.00	0.1	0
Chloride (Cl)	0 0 9 4 0	660.0	0.2	66
Sulfate (SO ₄)	0 0 9 4 5	280.0	0.1	2.8
Color	0 0 0 8 0			
Coliform, membrane filter	3 1 5 0 1			
Coliform, fecal	3 1 6 1 6			
Strep-tococci	3 1 6 7 9			
BOD	0 0 3 1 0			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 8 out of 16
State ID: 65-13-904

① 493 K/1021
901 Sawyer
SWN: 65-13-904
County: HALLIS
Aquifer(s):

Water Quality Sampling Run

Sample No. 1552
Date: 6/5/90
By: [Signature] EZ

Preserve with:	ICE	HNO ₃ (Nitric)	HNO ₃ (Nitric)	H ₂ SO ₄ (Sulfuric)	NaOH (Sodium Hydroxide)	Sub-Samples
Bottle 1	1 liter Anions					5
Bottle 2	1 liter Cations/TM					
Bottle 3	1 gallon Radioactivity					
Bottle 4	500 ml Nitrate/Phosphate					
Bottle 5	1 Qt. (glass) (TOC) Organics					
Bottle 6	500 ml Cyanide					
Bottle 7						
Total						

NET RUNCED
unfiltered
All filtered unless otherwise stipulated. All on ice.

Water Level: LSD
Temperature (00010): 29.1 °C
Specific Conductance (00094): 179 µmhos/cm
pH (00400): 7.96 °C
EH (00080): -120.0 mV °C
Phenol ALK (02244): 0 mg/l
Total ALK (00431): 269 mg/l
Carbonate (00452): 0 mg/l
Bicarbonate (00453): 328 mg/l
Total Cations (+):
Total Anions (-):
Total Hardness (46570): 5.2
Dissolved Solids (70301): 4.21

Notes & Calculations
Central #20
901 Sawyer
493K-1021
50 ml sample
11:25 am
pH @ start Titration
8.09
4.50
13.45 ml used
(454) (WATER)

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Austin, Texas

Latitude 29°46'01" Longitude 095°22'58.01" Seq. No. 01

County code 25201 County Harris

Well # LJ-65-13-904

Project number 5-4648-01000

Date 2-5-75 Time _____ Temp °C 28.5

Owner City of Houston

Address Central #20

Date drld 1-49 WBF code 121EVGL

Sample interval:(top) 1015 (bottom) 1940

Water level _____ Appr _____ Use PS

Collector Naftel Yield _____ GPM

Smpld after pmpg on arrival Depth 1960

Pt of coll faucet on pipe

Field: Cond _____ pH _____ HCO₃ _____ DO _____

Indicate types of analyses

Coliform _____ Phenols _____ Minors _____

Nutrients _____ MBAS _____ BOD _____ TOC _____ DOC _____

Std chem schedule I + SO₄

Other _____

Herbicide _____ Insecticide _____

Remarks: _____

Type 2 Station identification number 294601095225801

Y 75 M 02 D 05 Time of measurement _____

17 Begin 22 28 32

Depth Parameter code 72008 Value 1960 Exp. 0.7 Rmk _____

Field (GPM) Parameter code 00059 Value _____ Exp. _____ Rmk _____

Sample interval TOP Parameter code 72015 Value 1015 Exp. 0.4 Rmk _____

Sample interval BOTTOM Parameter code 72016 Value 1940 Exp. 0.4 Rmk _____

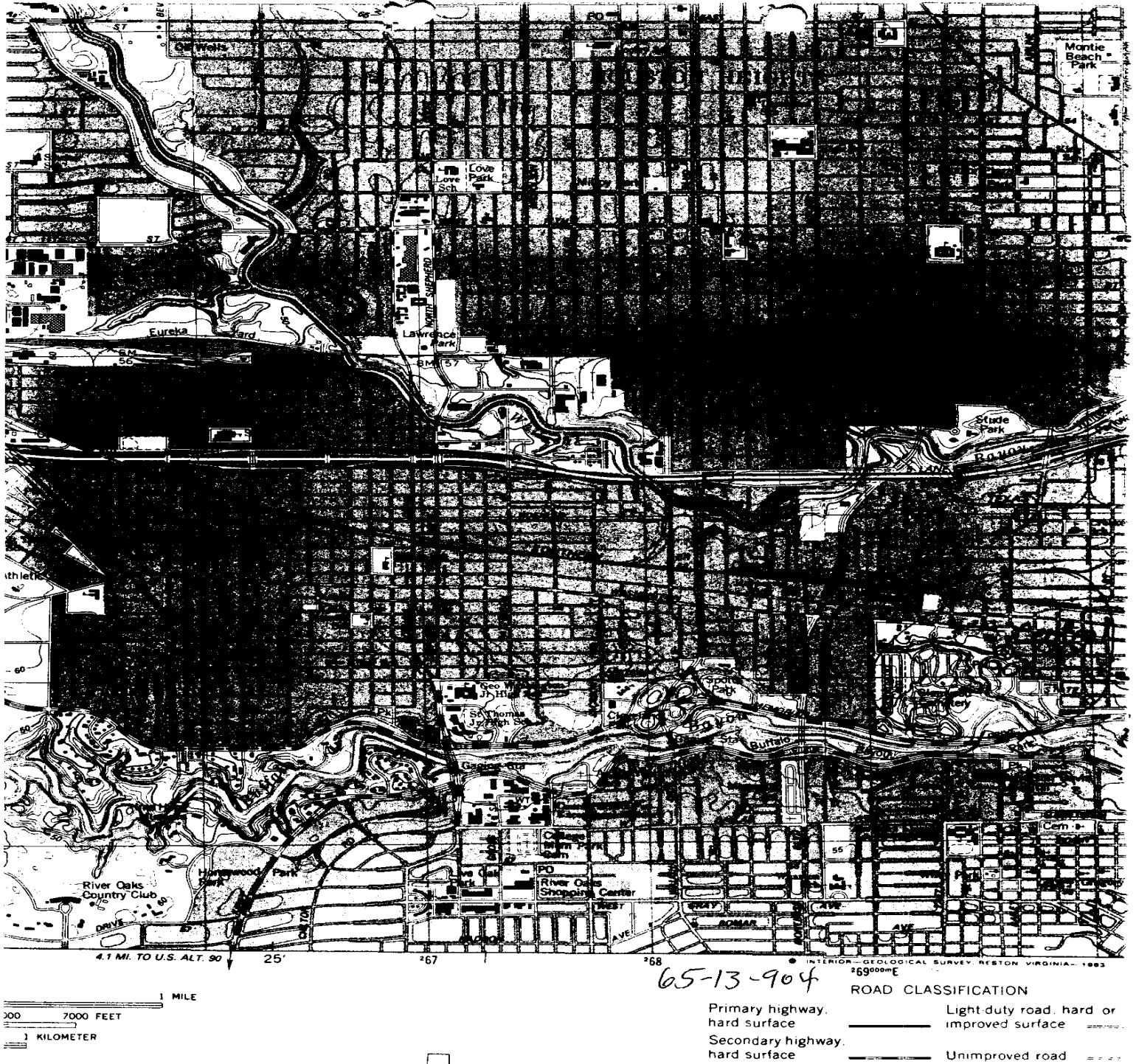
Water level Parameter code 72018 Value _____ Exp. _____ Rmk _____

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	<u>72004</u>			
DO (mg/l)	<u>00300</u>			
DO % Sat.	<u>00301</u>			
Temp °C	<u>00010</u>	<u>28.50</u>	<u>0.2</u>	
pH	<u>00400</u>	<u>7.900</u>	<u>0.1</u>	<u>7.9</u>
Specific conductance	<u>00095</u>	<u>698.0</u>	<u>0.3</u>	<u>698</u>
HCO ₃	<u>00440</u>	<u>322.0</u>	<u>0.3</u>	<u>322</u>
CO ₃	<u>00445</u>	<u>0.000</u>	<u>0.1</u>	<u>0</u>
Chloride (Cl)	<u>00940</u>	<u>630.0</u>	<u>0.2</u>	<u>63</u>
Sulfate (SO ₄)	<u>00945</u>	<u>200.0</u>	<u>0.1</u>	<u>2.0</u>
Color	<u>00080</u>			
Coliform, membrane filter	<u>31501</u>			
Coliform, fecal	<u>31616</u>			
Strep-tococci	<u>31679</u>			
BOD	<u>00310</u>			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 10 out of 16

State ID: 65-13-904



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 11 out of 16
State ID: 65-13-904

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 904 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 46 01 Longitude - 95 22 58 Source of Coords - 1

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston Driller - Texas Water Wells,
(Central #20) Inc.

Address _____ Tenant/Oper. _____

Date Drilled - 01/ /1949 Depth - 1,960 ft. Source of Depth - R Altitude - 46 ft. Source of Alt. - M
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - 396200

WELL Const. Casing
CONSTRUCTION Method - HYDRAULIC ROTARY Material - STEEL | Casing or Blank Pipe (C)
Screen | Well Screen or Slotted Zone (S)
Completion - GRAVEL PACK W/SCREEN Material - STEEL | Open Hole (O)
Cemented from _____ to _____

LIFT DATA - Pump Mfr. _____ Type - TURBINE PUMP No. Stages _____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Diam. Setting(feet)
(in.) From To

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - _____

YIELD Flow- _____ GPM Pump- _____ GPM Meas., Rept., Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM

Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft

QUALITY (Remarks- _____)

WATER USE Primary- PUBLIC SUPPLY Secondary- _____ Tertiary- _____

OTHER DATA AVAILABLE Water Levels- C Quality- Y Logs- Other Data- A

WATER LEVELS Date- 03/22/1949 Measurement- -188.40

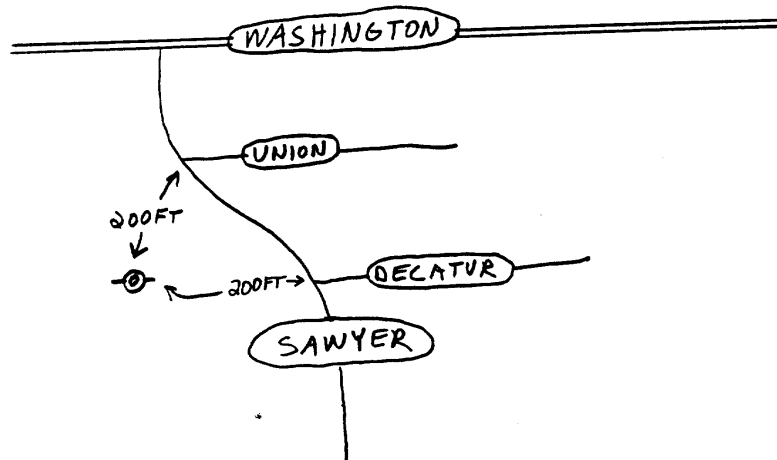
Date- 01/16/2001 Measurement- -293.00

Recorded By MB Date Record Collected or Updated- 04/03/2001

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD

REMARKS -
Owner's well Central #20. Reported
yield 2435 gpm with 67 feet
drawdown after pumping 96 hours in
1949. Aquifer test data in TWDB
R-98.

Aquifer - 121EVGL
Well No. - 65 13 904



65-13-904

TWDB Water Quality Field Data Sheet

New Well: Yes/No
State Well Number: 65-13-904
County: HARRIS
County Code: 901
Aquifer Code: 21EVL
Aquifer Id: 15

Send Results To: Owner / Lessee
Owner's Name: CITY OF HOUSTON
Lessee's Name: _____
Attention: _____
Mailing Address: _____
Well Number: CENTRAL #20

Type of Sample: CGA/HACH
Sample Number: 977
Date: 4-3-01
Sampler(s): MB

CIRCLE BOTTLES TAKEN:

1 (on ice) 500ml (filtered) Anions / Total Alkalinity no preservative	2 500ml (filtered) Cations 1ml Nitric (HNO3) no preservative	3 (on ice) 250ml (filtered) Nitrate/Nitrite Nitrate/Nitrite 0.5 ml Sulfuric (H2SO4)	4 (on ice) 40 ml (not filtered) Atrazine no preservative	5 1 gallon (filtered) Radioactivity 10 ml Nitric (HNO3)
--	--	---	---	--

Daily Meter Calibration:

pH	7	<u>7.0</u>
4 or 10		<u>4.0</u>
Conductivity	500	<u>501</u>
	1000	<u>1000</u>
	2000	<u>2000</u>
	5000	<u>5000</u>

Add enough of the proper acid to each bottle that is preserved to drop the pH to 2.
Time In: 1330 Time Out: 1425

W. L. depth from LSD (ft.): _____
W.L. remark: _____
Pumping Since: 104 Sampling Point: FAW

Well Use: PUBLIC Latitude: 29 46 02
Lift: F Longitude: 95 22 59
Power: E Elevation: 83

Sample Time: 1400 Filter pressure: hand pump/mfg

Water Quality Stabilization Parameters Table

Time:	<u>1345</u>	<u>1355</u>	<u>1400</u>	
pH:	<u>7.55</u>	<u>7.68</u>	<u>7.68</u>	
Temperature (Celsius):	<u>27.6</u>	<u>27.8</u>	<u>27.8</u>	
Conductivity (uS/cm):	<u>616</u>	<u>617</u>	<u>617</u>	
Conductivity Temperature (Celsius):	<u>27.7</u>	<u>27.9</u>	<u>27.9</u>	

Final Readings:

Items Below Calculated Later From Results:	
Total Hardness:	<u>58</u>
Calculated TDS (mg/L):	<u>354</u>
Balance:	<u>8</u>

Field Alkalinity Titration:
768 Start pH 4.50 End pH _____
50 ml Sample Size _____
1235 ml Acid added for Total _____
ml Acid added for Phenol _____
Items below calculated from ml. acid added data:
Field Total Alkalinity: 0.0 mg/L 247
Field Phenol Alkalinity: 0.0 mg/L _____
Notes: 2000 GPM

Data Entered By: Sanger into Database: MB / NO

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 14 out of 16
State ID: 65-13-904

LCRA Environmental Laboratory Services

Date: 30-Apr-01

CLIENT: Texas Water Development Board	Client Sample ID: 65-13-904
Lab Order: 0104059 COC ID: 15789	
Project: TWDB 00-01	Collection Date: 04/03/2001 2:00:00 PM
Lab ID: 0104059-05	Matrix: GROUNDWATER

Analyses	Storet	Result	PQL	Qual	Units	DF	QC Batch	Date Analyzed
ICP METALS, DISSOLVED			E200.7					Analyst: SW
Calcium	00915	15.5	0.204		mg/L	1.02	R8261	04/11/2001
Magnesium	00925	4.72	0.204		mg/L	1.02	R8261	04/11/2001
Potassium	00935	1.37	0.204		mg/L	1.02	R8261	04/11/2001
Sodium	00930	115	0.714		mg/L	1.02	R8261	04/11/2001
ICP METALS, DISSOLVED			E200.7					Analyst: SW
Boron	01020	202	51.0		µg/L	1.02	R8262	04/11/2001
Iron	01046	119	51.0		µg/L	1.02	R8262	04/11/2001
Strontium	01080	374	20.4		µg/L	1.02	R8262	04/11/2001
ICPMS METALS, DISSOLVED			E200.8					Analyst: PJM
Aluminum	01106	ND	4.00		µg/L	1	R8305	04/16/2001
Antimony	01095	ND	1.00		µg/L	1	R8305	04/16/2001
Arsenic	01000	7.25	2.00		µg/L	1	R8305	04/16/2001
Barium	01005	252	1.00		µg/L	1	R8305	04/16/2001
Beryllium	01010	ND	1.00		µg/L	1	R8305	04/16/2001
Cadmium	01025	ND	1.00		µg/L	1	R8305	04/16/2001
Chromium	01030	ND	1.00		µg/L	1	R8305	04/16/2001
Cobalt	01035	ND	1.00		µg/L	1	R8305	04/16/2001
Copper	01040	2.55	2.00		µg/L	1	R8305	04/16/2001
Lead	01049	ND	1.00		µg/L	1	R8305	04/16/2001
Lithium	01130	18.6	2.00		µg/L	1	R8305	04/16/2001
Manganese	01056	7.44	1.00		µg/L	1	R8305	04/16/2001
Molybdenum	01060	4.25	1.00		µg/L	1	R8305	04/16/2001
Nickel	01065	1.53	1.00		µg/L	1	R8305	04/16/2001
Selenium	01145	ND	4.00		µg/L	1	R8305	04/16/2001
Thallium	01057	ND	1.00		µg/L	1	R8305	04/16/2001
Vanadium	01085	ND	1.00		µg/L	1	R8305	04/16/2001
Zinc	01090	4.19	4.00		µg/L	1	R8305	04/16/2001
DISSOLVED ANIONS BY ION CHROMATOGRAPH E300								Analyst: AMJ
Bromide Dissolved	71870	0.210	0.0200		mg/L	1	R8387	04/24/2001
Chloride Dissolved	00941	53.7	1.00		mg/L	1	R8387	04/24/2001
Fluoride Dissolved	00950	0.552	0.0100		mg/L	1	R8387	04/24/2001
Sulfate Dissolved	00946	ND	1.00		mg/L	1	R8387	04/24/2001

ALKALINITY

M2320 B

Analyst: WM

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 15 out of 16
 State ID: 65-13-904

LCRA Environmental Laboratory Services

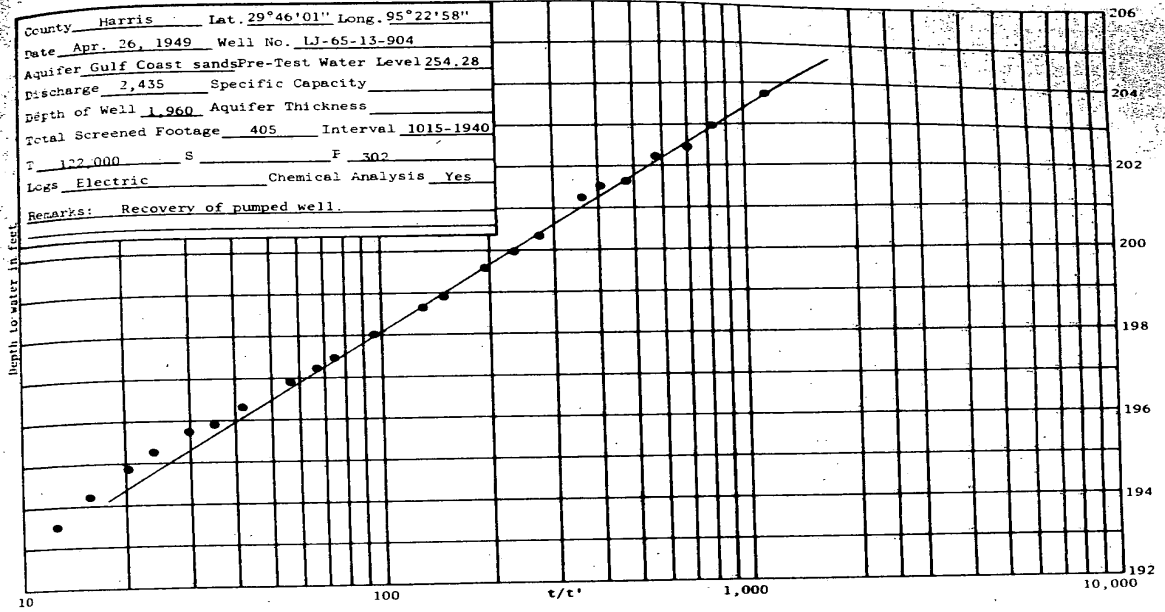
Date: 30-Apr-01

CLIENT: Texas Water Development Board **Client Sample ID:** 65-13-904
Lab Order: 0104059 **COC ID:** 15789
Project: TWDB 00-01 **Collection Date:** 04/03/2001 2:00:00 PM
Lab ID: 0104059-05 **Matrix:** GROUNDWATER

Analyses	Storet	Result	PQL	Qual	Units	DF	QC Batch	Date Analyzed
Alkalinity, Phenolphthalein	00415	ND	0		mg/L CaCO3	1	R8246	04/11/2001
Alkalinity, Total (As CaCO3)	00410	241	2.00		mg/L CaCO3	1	R8246	04/11/2001
CATION/ANION BALANCE			CALCULATION					Analyst: AMJ
Cation/Anion Balance	00000	Balanced	0		Date	1	R8413	04/26/2001
NITRATE AND NITRITE			E353.2					Analyst: CL
Nitrogen, Nitrate & Nitrite	00631	ND	0.0200		mg/L	1	R8344C	04/19/2001
GROSS ALPHA, GROSS BETA			RADIOCHEM					Analyst: SB
ALPHA, Gross	01503	1.6	0		pci/L	1	R8382	04/16/2001
BETA, Gross	03503	2.8	0		pci/L	1	R8382	04/16/2001
SILICA			E370.1					Analyst: CL
Silica, Dissolved (as SiO2)	00955	18.0	0.500		mg/L	1	R8290C	04/16/2001

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range





WATER UTILITY DATABASE (WUD)

MAP ID# 83

Distance from Property: 1.85 mi. WNW

PWSID: 1010013
SOURCE ID: G1010013M
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1949
SCREEN BOTTOM: 1,940.00'
SCREEN TOP: 1,015.00'

GALLONS
PER MINUTE: 2,100
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.383058330
LATITUDE: 29.767083330

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 83 Distance from Property: 1.85 mi. WNW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294601095225801**

STATION NAME: **LJ-65-13-904**

SITE TYPE: **GW**

LATITUDE: **29.767159000** LONGITUDE: **-95.383068000**

DATE DRILLED: **01/01/1949**

WELL DEPTH: **1960 feet**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 83

Distance from Property: 1.85 mi. WNW

WELL ID: **1021**
OWNERS NAME: **HOUSTON, CITY OF**
YEAR DRILLED: **1949**
DEPTH DRILLED: **1960'**
STATIC LEVEL: **999'**
WATER USAGE: **PUBLIC SUPPLY**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.383069000**
LATITUDE: **29.767160000**
SOURCE: **HGSD**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 84 Distance from Property: 1.85 mi. ENE

WELL ID: 1718
OWNERS NAME: **COMET RICE MILLS, INC.**
YEAR DRILLED: 1965
DEPTH DRILLED: 617'
STATIC LEVEL: 495'
WATER USAGE: **INDUSTRIAL**
WELL STATUS: **PLUGGED**
LONGITUDE: -95.322902000
LATITUDE: 29.766428000
SOURCE: **HGSD**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 85

Distance from Property: 1.85 mi. WSW

WELL ID: 2130

OWNERS NAME: SPARKLE ICE COMPANY

YEAR DRILLED: 1941

DEPTH DRILLED: 517'

STATIC LEVEL: 310'

WATER USAGE: INDUSTRIAL

WELL STATUS: PLUGGED

LONGITUDE: -95.382595000

LATITUDE: 29.751701000

SOURCE: HGSD



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 85 Distance from Property: 1.85 mi. WSW

STATE ID: **65-13-946**

OWNER'S NAME: **SPARKLE ICE CO.**

DATE DRILLED: **04/21/1970**

DEPTH DRILLED: **514'**

WATER USAGE:

LONGITUDE: **-95.382603000**

LATITUDE: **29.751698000**

SOURCE: **TWDB**

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513946/6513946.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
State ID: 65-13-946

April 1966

WELL SCHEDULE GEOLOGICAL SURVEY

65-13-946
1:24000

U. S. DEPT. OF THE INTERIOR

WATER RESOURCES DIVISION

MASTER CARD

Record by W.L. Nattel Source of data owner records Date Oct 22, 75 Map Houston Heights 1967

State Texas County (or town) Harris Sequential number: 2

Latitude: 29° 45' 03" N Longitude: 095° 22' 56"

Local well number: 20-65-13-946 Other number: B & M

Local use: SPARKLE ICE CO Owner or name: Sparkle Ice Co.

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist P

Use of Water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Mad, P S, Rec, Stock, Instit, Unused, Recharge, Desal-P S, Desal-other, Other N

Use of Well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Windrow, Waste, Destroyed W

DATA AVAILABLE: Well data 70 Freq. W/L meas.: 71 Field aquifer char. 72

Hyd. lab. data: 73

Qual. water data: type: 74

Freq. sampling: none Pumpage inventory: yes 75

Aperture cards: yes 77

Log data: D-log 514' (on back) 78 79

WELL-DESCRIPTION CARD

DEPTH WELL: 514 ft 514 Meas. owner 24 3

Depth cased; (first perf.): 410 ft 410 Casing type: 5 Diam. 4x2 1/2 in 29 30

Finish: porous gravel w. gravel w. horiz. open perf., screen, ed. pt., shored, open concrete, (perf.), (screen), gallery, end, other hole, other 5

Method: (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) augers, (K) turb, (L) other 4

Drilled: rot, air, bored, cable, dug, hyd, jetted, air, percussion, rotary, reverse, trenching, driven, drive, wash, other 32

Date Drilled: 4-21-70 9:70 Pump intake setting: 252' (1970) ft 252 38

Driller: T.C. Bussell & Son, 7735 N. Hwy. Rosslyn Rd Hou.

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) augers, (K) turb, (L) other 5 Deep 0 Shallow 40

Power (type): diesel, gas, gasoline, hand, gas, wind, H₂P. 5 Trans. of meter no. 41

Descrip. MP 53 ft above 53 LSD, Alt. MP 5' top of map 47 3

Alt. LSD: 53 Accuracy: (source) 5' top of map 47 3

Water Level: 207 ft above MP; Ft above LSD 207 Accuracy: rept d. 52 0

Date meas: 4-23-70 4:70 Yield: — gpm 53 Method determined 61

Drawdown: — ft 62 Accuracy: — hrs 68

QUALITY OF WATER DATA: Iron ppm 69 Sulfate ppm 70 Chloride ppm 71 Hard. ppm 72

Sp. Conduct — K x 10⁶ 73 Temp. — °F 74 Date sampled — 75

Taste, color, etc. 76

Well No. 65-13-946

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 2
State ID: 65-13-946

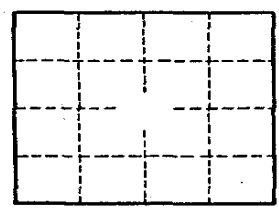
LJ 13-946

Latitude-longitude 29 45.03ND 95 22.56.2

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Province: Coastal Plain Section: W Gulf Coast
 Drainage Basin: F Subbasin: SLR
 Topo of well site: (D) depression, stream channel, dunes, (E) hill, (F) hilltop, sink, swamp, (G) offshore, pediment, hillside, terrace, undulating, valley flat
 MAJOR AQUIFER: QG Lower Chicot C.L.
 Lithology: sand S Origin: deltaic
 Length of well open to: 30 ft Depth to top of: 30 ft
 MINOR AQUIFER: system series aquifer, formation, group
 Lithology: Origin: Thickness: ft
 Length of well open to: ft Depth to top of: ft
 Interval Screened: 2 1/2" 410-420; 494-514 SS 14ga
 Depth to consolidated rock: ft Source of data:
 Depth to basement: ft Source of data:
 Surficial material: Infiltration Characteristics:
 Coefficient Trans: gpd/ft Coefficient Storage:
 Coefficient Perm: spm/ft²; Spec cap: spm/ft; Number of geologic cards:

0 - 4' - top soil
 4 - 235 - uncon. clay + shale
 235 - 250 - Sand, Fine
 250 - 310 - clay
 310 - 340 - sand
 340 - 405 - clay
 405 - 422 - sand
 422 - 486 - clay + soft shale
 486 - 514 - sand
 0 - 400' 4" casg.
 2 1/2' - from 400 to batt.
 cemented from 350' to 400'



Well No. LJ-65-13-946

GPO 857-700

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 85

Distance from Property: 1.85 mi. WSW

ID NUMBER: TX205559
STATE ID : 65-13-6Q
OWNER NAME: SPARKLE ICE
DATE DRILLED: 05/15/1978
DEPTH DRILLED: 400'
STATIC LEVEL: 233'
WATER USAGE: DOMESTIC
LONGITUDE: -95.382603000
LATITUDE: 29.751698000

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205559

66

Send original copy by certified mail to the Texas Water Development Board, P. O. Box 13067, Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TMDL use only
Well No. 65-16-45
Located on map 125
Received: 7/15/78

1) OWNER:
Person having well drilled Sparkle Ice (Name) Address 1501 W. Webster (Street or RFD) Houston (City) Tx (State)
Landowner Same (Name) Address Same (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris 10,000 N. Shepherd miles in N direction from Houston (Town)
(N.E., S.W., etc.)
Locate by sketch map showing landmarks, roads, creeks, highway number, etc.*
#66
map on 65-16-45 North
(Use reverse side if necessary)

3) TYPE OF WORK (Check):
New Well Deepening
Reconditioning Plugging
4) PROPOSED USE (Check):
Domestic Industrial Municipal
Irrigation Test Well Other
5) TYPE OF WELL (Check):
Rotary Driven
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6 1/2 in. Depth drilled 400 ft. Depth of completed well 425 ft. Date drilled 5/15/78
All measurements made from 4' ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	9) Casing: Type: Old New <input checked="" type="checkbox"/> Steel <input checked="" type="checkbox"/> Plastic Other
0	4	Top soil	Cemented from <u>350</u> ft. to <u>400</u> ft.
4	400	Unconsolidated sand & gravel	Diameter (inches) <u>4"</u> Setting From (ft.) <u>0</u> To (ft.) <u>400</u> Casing <u>Sch 40</u>
400	425	Sand	

10) SCREEN: 4 1/2
Type: Perforated Slotted
Diameter (inches) 2" Setting From (ft.) 400 To (ft.) 425 Slot Size .014 + .0169

7) COMPLETION (Check):
Straight wall Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 233 ft. below land surface Date 5/15/78
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 294' ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Sailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Tommy C. Buswell (Type or Print) Water Well Drillers Registration No. 707
ADDRESS 9735 N. Houston Rosslyn (Street or RFD) Houston, Texas (City) Texas (State)
(Signed) Tommy C. Buswell (Water Well Driller) Buswell & Son, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.
*Additional instructions on reverse side.

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 85

Distance from Property: 1.85 mi. WSW

WELL ID: 2129

OWNERS NAME: SPARKLE ICE COMPANY

YEAR DRILLED: 1970

DEPTH DRILLED: 514'

STATIC LEVEL: 410'

WATER USAGE: INDUSTRIAL

WELL STATUS: PLUGGED

LONGITUDE: -95.382598000

LATITUDE: 29.751699000

SOURCE: HGSD



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SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 86

Distance from Property: 1.86 mi. NNW

TRACK #: 44920

DATE ENTERED: 2004-09-15

OWNER NAME: GEORGE & LORI RODRIGUEZ

OWNER ADDRESS: 315 EMERY

HOUSTON, TX 77009

COUNTY: HARRIS

LATITUDE: 29.784167000 LONGITUDE: -95.367500000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=44920&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2004-07-20

DRILLING DATE (COMPLETED): 2004-07-22

DEPTH DRILLED: 450'

WATER LEVEL:

STATIC LEVEL: 185'

WATER LEVEL DATE: 2004-07-22

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: SCOTT DRILLING INC

COMPANY ADDRESS: 11923 GREEN PINE CIRCLE

HOUSTON, TX 77066



www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 87 Distance from Property: 1.86 mi. W

TRACK #: 165739

DATE ENTERED: 2009-01-19

OWNER NAME: FEDERAL RESERVE BANK OF DALLAS

OWNER ADDRESS: 1801 ALLEN PARKWAY
HOUSTON, TX 77019

COUNTY: HARRIS

LATITUDE: 29.759167000 LONGITUDE: -95.385000000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=165739&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2008-12-29

DRILLING DATE (COMPLETED): 2008-12-31

DEPTH DRILLED: 350'

WATER LEVEL:

STATIC LEVEL: 155'

WATER LEVEL DATE: 2009-01-19

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: SCOTT DRILLING, INC.

COMPANY ADDRESS: 11923 GREEN PINE CIRCLE
HOUSTON, TX 77066

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 87 Distance from Property: 1.86 mi. W

WELL ID: 11040
OWNERS NAME: FEDERAL RESERVE BANK OF DALLAS
YEAR DRILLED: 2009
DEPTH DRILLED: 400'
STATIC LEVEL: 380'
WATER USAGE: DOMESTIC/COMMERCIAL
WELL STATUS: ACTIVE
LONGITUDE: -95.384431000
LATITUDE: 29.759941000
SOURCE: HGSD



www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 88 Distance from Property: 1.86 mi. WSW

STATE ID: 65-13-928
OWNER'S NAME: PUBLIC LAUNDRIES
DATE DRILLED: 00/00/1927
DEPTH DRILLED: 1377'
WATER USAGE: PLUGGED OR DESTROYED
LONGITUDE: -95.383520000
LATITUDE: 29.753610000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513928/6513928.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-13-928

Texas Water Development Board Well Schedule

State Well Number 6513928 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294512 Longitude 952259 Source of Coords 3

Owner's Well No. Location
Owner Public Laundries Driller Layne Texas

Address Tenant/Oper.

Date Drilled / /1927 Depth 1377 Source of Depth Altitude 56 Source of Alt.
Well Type W User

WEL CONSTRUCTION Const-Method Completion Casing Material Blank Screen Material Blank Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from to

LIFT DATA - Pump Mfr. - Type - NONE No. Stages
Bowls Diam - in. Setting - ft. Column Diam. - in.
Motor Mfr. - Fuel or Power - blank Horsepower -
YIELD Flow- GPM Pump GPM Meas.,Rept.,Est.- Date-

WATER USE Primary - UNUSED Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - M Quality - Y Logs - Other Data -

WATER LEVELS 2 measurements
1938 to 1966
MIN -305.4 MAX -105.5

Recorded By Date Record Collected or Updated - / /

Reporting Agency

REMARKS -
Screen from 1310 to 1377 ft.
reported yield 150 gpm with 66 ft.
drawdown in 1938. Well destroyed.

Aquifer - 121EVGL ID - 15
EVANGELINE
AQUIFER

Wednesday, August 04, 2

Well Number - 6513928



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 89 Distance from Property: 1.89 mi. N

ID NUMBER: TX205863
STATE ID : 65-14-1J
OWNER NAME: SOUTHWESTERN PLATING CO
DATE DRILLED: 06/21/1977
DEPTH DRILLED: 462'
STATIC LEVEL: 272'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.354502000
LATITUDE: 29.787654000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205863

65-14-13

Send original copy by certified mail to the Texas Water Development Board, P.O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TWDB use only
Well No. 65-14-13
Located on map 115
Received: 281

1) OWNER: Person having well drilled Southwestern Plating Co. Address 2918 Gano St. (City) (State)
Landowner same Address same (City) (State)

2) LOCATION OF WELL: County Harris miles in _____ direction from _____ (Town)
Locate by sketch map showing landmarks, roads, creeks, highway number, etc.* or Give legal location with distances and directions from adjacent sections or survey lines.
see reverse North
(Use reverse side if necessary)

3) TYPE OF WORK (Check):
New Well Deepening _____
Reconditioning _____ Plugging _____

4) PROPOSED USE (Check):
Domestic _____ Industrial Municipal _____
Irrigation _____ Test Well _____ Other _____

5) TYPE OF WELL (Check):
Rotary Driven _____ Dug _____
Cable _____ Jetted _____ Bored _____

6) WELL LOG:
Diameter of hole 6 3/4 in. Depth drilled 462 ft. Depth of completed well 462 ft. Date drilled 6-21-77
All measurements made from -0- ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	24	clay
24	48	clay
48	72	sand & clay
72	96	clay
96	120	clay & sand
120	144	clay & sand
144	168	clay & sand
168	192	sand & clay
192	216	sand & clay
216	240	sand & clay
240	264	sand & clay

9) CASING:
Type: Old _____ New Steel Plastic _____ Other _____
Cemented from 0 ft. to 462 ft.
Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Casing Size _____
4" 0 439 sch 40

10) SCREEN:
Type rodbase
Perforated Slotted _____
Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Slot Size _____
2 1/2" 447 462 #12

7) COMPLETION (Check):
Straight wall _____ Gravel packed _____ Other _____
 Open Hole _____

8) WATER LEVEL:
Static level 272 ft. below land surface Date 6-21-77
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 356 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes _____ No If yes, by whom? _____
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Ballor test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes _____ No
Did any strata contain undesirable water? Yes _____ No _____
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME R. B. Lowry Water Well Drillers Registration No. 146
(Type or Print)

ADDRESS 1327 Aldine-Mail Houston TX 77039
(Street or RFD) (City) (State)

(Signed) R. B. Lowry Lowry Water Wells
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2

Water Well ID: 205863

2) LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

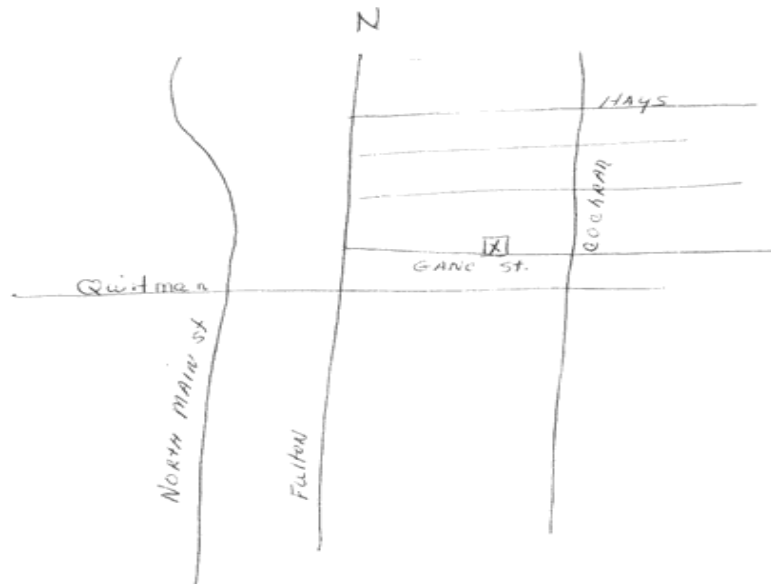
Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area, e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-CW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.

264	288	sand & clay
288	312	clay
312	336	clay
336	360	clay
360	384	clay
384	408	clay sand rock
408	432	clay
432	456	sand
456	462	sand & clay

RECEIVED
 JUL - 7 1978
 Central Records
 Texas Dept. of Water Resources



DEPT. OF
 WATER RESOURCES
 MAR - 3 1978
 RECEIVED

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 90 Distance from Property: 1.89 mi. SW

ID NUMBER: TX214550
STATE ID : 65-23-7
OWNER NAME: HOUSTON COMMUNITY COLLEGE
DATE DRILLED: 02/19/2001
DEPTH DRILLED: 24'
STATIC LEVEL: NOT REPORTED
WATER USAGE: TESTWELL
LONGITUDE: -95.377186000
LATITUDE: 29.742228000
1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 214550

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.		Texas Department of License and Regulation Water Well Driller/Pump Installer Program P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616 Toll free (800) 803-9202 Email address: water.well@license.state.tx.us			This form must be completed and filed with the department and owner within 60 days upon completion of the well.																											
WELL REPORT																																
A. WELL IDENTIFICATION AND LOCATION DATA																																
1) OWNER Name Houston Community Collage		Address 3100 Main Street		City Houston	State TX	Zip _____																										
2) WELL LOCATION County Harris		Physical Address 3100 Main Street		City Houston	State TX	Zip _____																										
3) Type of Work <input type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning B-1/TSP-1		4) Proposed Use (check) <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input checked="" type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No		Grid # 65-23-7	5) <input checked="" type="checkbox"/> NT																											
6) Drilling Date Started 2/19/01 Completed 2/19/01		7) Drilling Method (check) <input type="checkbox"/> Air Rotary <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input checked="" type="checkbox"/> Other Direct Push		Diameter of Hole <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Dia. (in)</th> <th>From (ft)</th> <th>To (ft)</th> </tr> <tr> <td align="center">2.0</td> <td align="center">SURFACE</td> <td align="center">24.0</td> </tr> </table>		Dia. (in)	From (ft)	To (ft)	2.0	SURFACE	24.0																					
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1	N	SCHL 40 PVC	10	20	0.010																											
		9) Cementing Data Cementing from 0 ft. to 24.0 ft. # of sacks used 2 Method Used TREMIE Cementing By RICARDO PADILLA Distance to septic system field or other concentrated contamination _____ ft. Method of verification of above distance _____																														
13) Plugged X Well plugged within 48 hours Casing left in well: NONE Cement/Bentonite placed in well:		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>From (ft)</th> <th>To (ft)</th> <th>From (ft)</th> <th>To (ft)</th> <th>Sacks used</th> </tr> <tr> <td></td> <td></td> <td align="center">0</td> <td align="center">24.0</td> <td align="center">2</td> </tr> </table>				From (ft)	To (ft)	From (ft)	To (ft)	Sacks used			0	24.0	2																	
From (ft)	To (ft)	From (ft)	To (ft)	Sacks used																												
		0	24.0	2																												
14) Typepump <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowls, cylinder, jet, etc., _____ ft.		10) Surface Completion N/A <input type="checkbox"/> Specified Surface Slab Installed <input type="checkbox"/> Specified Surface Sleeve Installed, AUG 31 2001 <input type="checkbox"/> Pitless Adapter Used <input type="checkbox"/> Approved Alternative Procedure Used																														
15) Water Test Type test <input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input type="checkbox"/> Jetted <input type="checkbox"/> Estimated Yield: _____ gpm with _____ ft. drawdown after _____ hrs.		11) Water Level COMMIT @ 16.0' Static level _____ ft. below _____ Date _____ Artesian Flow _____ gpm. Date _____																														
16) Water Quality Did you knowingly penetrate any strata which contain undesirable constituents? <input type="checkbox"/> Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER? Type of water _____ Depth of Strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input type="checkbox"/> No		12) Packers Type _____ Depth _____ N/A																														
Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC.		Lic. No. 4997-M																														
Address P.O. BOX 845		City FRIENDSWOOD		State TX	Zip 77549																											
Signature <i>Al. Trueman</i>		Date 7/5/01	Signature <i>Ricardo Padilla</i>		Date 09 / 5 / 01																											
Licensed Driller/Pump Installer		Apprentice																														

TDLR ORIGINAL Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas) (214) 340-9429

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 90 Distance from Property: 1.89 mi. SW

ID NUMBER: TX214551
STATE ID : 65-23-7
OWNER NAME: HOUSTON COMMUNITY COLLEGE
DATE DRILLED: 02/19/2001
DEPTH DRILLED: 24'
STATIC LEVEL: NOT REPORTED
WATER USAGE: TESTWELL
LONGITUDE: -95.377186000
LATITUDE: 29.742228000
1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 214551

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.		Texas Department of License and Regulation Water Well Driller/Pump Installer Program P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616 Toll free (800) 803-9202 Email address: water.well@license.state.tx.us			This form must be completed and filed with the department and owner within 60 days upon completion of the well.																		
WELL REPORT																							
A. WELL IDENTIFICATION AND LOCATION DATA																							
1) OWNER		Name Houston Community Collage		Address 3100 Main Street																			
		City Houston		State TX																			
		Zip																					
2) WELL LOCATION																							
County Harris		Physical Address 3100 Main Street		City Houston																			
		State TX		Zip																			
3) Type of Work																							
<input type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning B-2B/TSP-2B																							
4) Proposed Use (check) <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input type="checkbox"/> Domestic																							
<input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input checked="" type="checkbox"/> Testwell																							
If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No																							
6) Drilling Date		Diameter of Hole		7) Drilling Method (check)																			
Started 2/19/01		Dia. (in) From (ft) To (ft)		<input type="checkbox"/> Air Rotary <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input checked="" type="checkbox"/> Other Direct Push																			
Completed 2/19/01		2.0 SURFACE 24.0																					
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4 12		SILTY CLAY, grayish green		If Gravel Packed give the interval from _____ ft. to _____ ft.																			
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Cementing from 0 ft. to 24.0 ft. # of sacks used 2																							
ft. to _____ ft. # of sacks used _____																							
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Cementing By RICARDO PADILLA																							
Distance to septic system field or other concentrated contamination _____ ft.																							
Method of verification of above distance _____																							
10) Surface Completion																							
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Static level _____ Date _____																							
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		0 24.0		2																			
14) Typepump																							
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Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC.				Lic. No. 4997-M																			
Address P.O. BOX 845		City FRIENDSWOOD		State TX Zip 77549																			
Signature <i>Al. Francisco</i>		Date 7/5/01		Signature <i>Ricardo Padilla</i> Date 7/5/01																			
Licensed Driller/Pump Installer				Apprentice																			

TDLR FORM NO. 1-01-01 ORIGINAL Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas) (214) 340-9429

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 90

Distance from Property: 1.89 mi. SW

ID NUMBER: TX214552
STATE ID : 65-23-7
OWNER NAME: HOUSTON COMMUNITY COLLEGE
DATE DRILLED: 02/19/2001
DEPTH DRILLED: 24'
STATIC LEVEL: NOT REPORTED
WATER USAGE: TESTWELL
LONGITUDE: -95.377204000
LATITUDE: 29.742228000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 214552

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.		Texas Department of License and Regulation Water Well Driller/Pump Installer Program P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616 Toll free (800) 803-9202 Email address: water.well@license.state.tx.us			This form must be completed and filed with the department and owner within 60 days upon completion of the well.																		
WELL REPORT																							
A. WELL IDENTIFICATION AND LOCATION DATA																							
1) OWNER																							
Name Houston Community Collage		Address 3100 Main Street		City Houston	State TX																		
2) WELL LOCATION																							
County Harris		Physical Address 3100 Main Street		City Houston	State TX																		
3) Type of Work		Lat. 29 44 32		Long. 95 22 36																			
<input type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning		4) Proposed Use (check) <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input checked="" type="checkbox"/> Testwell		5) <input checked="" type="checkbox"/> NT																			
6) Drilling Date		If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No		7) Drilling Method (check) <input type="checkbox"/> Air Rotary <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input checked="" type="checkbox"/> Other Direct Push																			
Started 2/19/01		Diameter of Hole Dia. (in) From (ft) To (ft)		Grid # W5-23-7																			
Completed 2/19/01		2.0 SURFACE 24.0																					
From (ft) To (ft)		Description and color of formation material		8) Borehole Completion <input type="checkbox"/> Open Hole <input type="checkbox"/> Straight Wall																			
0 10		CONCRETE & FILL; sandy & gravelly		<input type="checkbox"/> Under-reamed <input type="checkbox"/> Gravel Packed <input checked="" type="checkbox"/> Other PLUGGED																			
10 12		SILTY CLAY, grayish green		If Gravel Packed give the interval from ft. to ft.																			
12 18		CLAY, reddish brown		Casing, Blank Pipe, and Well Screen Data																			
18 24		CLAYEY SAND, lt. brown		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Dia. (in.)</th> <th>New Or Used</th> <th>Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial</th> <th>Setting (ft) From</th> <th>To</th> <th>Gage Casing Screen</th> </tr> <tr> <td>1</td> <td>N</td> <td>SCHL 40 PVC</td> <td>0</td> <td>14</td> <td></td> </tr> <tr> <td>1</td> <td>N</td> <td>SCHL 40 PVC</td> <td>14</td> <td>24</td> <td>0.010</td> </tr> </table>		Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	To	Gage Casing Screen	1	N	SCHL 40 PVC	0	14		1	N	SCHL 40 PVC	14	24	0.010
Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	To	Gage Casing Screen																		
1	N	SCHL 40 PVC	0	14																			
1	N	SCHL 40 PVC	14	24	0.010																		
9) Cementing Data																							
Cementing from 0 ft. to 24.0 ft. # of sacks used 2																							
Method Used TREMIE																							
Cementing By RICARDO PADILLA																							
Distance to septic system field or other concentrated contamination _____ ft.																							
Method of verification of above distance _____																							
13) Plugged X Well plugged within 48 hours																							
Casing left in well: NONE Cement/Bentonite placed in well:																							
From (ft)		To (ft)		Sacks used																			
0		24.0		2																			
14) Typepump																							
<input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Other																							
Depth to pump bowls, cylinder, jet, etc., _____ ft.																							
15) Water Test																							
Type test <input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input type="checkbox"/> Jetted <input type="checkbox"/> Estimated <input checked="" type="checkbox"/> N/A																							
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.																							
16) Water Quality																							
Did you knowingly penetrate any strata which contain undesirable constituents?																							
<input type="checkbox"/> Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?																							
Type of water _____ Depth of Strata _____																							
Was a chemical analysis made? <input type="checkbox"/> Yes <input type="checkbox"/> No																							
Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC.				Lic. No. 4997-M																			
Address P.O. BOX 845		City FRIENSDWOOD		State TX	Zip 77549																		
Signature <i>Ricardo Padilla</i>		Date 7/5/01		Signature <i>Ricardo Padilla</i>	Date 7/5/01																		
Licensed Driller/Pump Installer		Apprentice																					

TDLR FORM 004WWD

Copies to TDLR - Owner - Driller/Pump Installer

Form provided by Forms On-A-Disk, Inc. (Dallas, Texas) (214) 340-9429

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

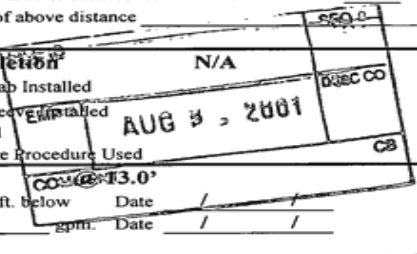
MAP ID# 90 Distance from Property: 1.89 mi. SW

ID NUMBER: TX214549
STATE ID : 65-23-7
OWNER NAME: HOUSTON COMMUNITY COLLEGE
DATE DRILLED: 02/19/2001
DEPTH DRILLED: 24'
STATIC LEVEL: NOT REPORTED
WATER USAGE: TESTWELL
LONGITUDE: -95.377186000
LATITUDE: 29.742228000
1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 214549

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.		Texas Department of License and Regulation Water Well Driller/Pump Installer Program P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616 Toll free (800) 803-9202 Email address: water.well@license.state.tx.us				This form must be completed and filed with the department and owner within 60 days upon completion of the well.															
WELL REPORT																					
A. WELL IDENTIFICATION AND LOCATION DATA																					
1) OWNER																					
Name Houston Community Collage		Address 3100 Main Street		City Houston		State TX															
2) WELL LOCATION																					
County Harris		Physical Address 3100 Main Street		City Houston		State TX															
3) Type of Work		Lat. 29 44 32		Long. 95 22 36		Grid # 65-23-7															
<input type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning		4) Proposed Use (check) <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input checked="" type="checkbox"/> Testwell				5) <input checked="" type="checkbox"/> NT															
B-3B/TSP-3B		If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No																			
6) Drilling Date		7) Drilling Method (check)			<input type="checkbox"/> Air Rotary <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input checked="" type="checkbox"/> Other Direct Push																
Started 2/19/01		Diameter of Hole																			
Completed 2/19/01		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:20%;">Dia. (in)</th> <th style="width:20%;">From (ft)</th> <th style="width:20%;">To (ft)</th> </tr> <tr> <td align="center">2.0</td> <td align="center">SURFACE</td> <td align="center">24.0</td> </tr> </table>			Dia. (in)	From (ft)	To (ft)	2.0	SURFACE	24.0											
Dia. (in)	From (ft)	To (ft)																			
2.0	SURFACE	24.0																			
From (ft) To (ft) Description and color of formation material		8) Borehole Completion <input type="checkbox"/> Open Hole <input type="checkbox"/> Straight Wall																			
0 4 CONCRETE/ FILL; black, sandy material		<input type="checkbox"/> Under-reamed <input type="checkbox"/> Gravel Packed <input checked="" type="checkbox"/> Other PLUGGED																			
4 12 SILTY CLAY, grayish green		If Gravel Packed give the interval from ft. to ft.																			
12 13 CLAY, reddish brown		Casing, Blank Pipe, and Well Screen Data																			
13 20 SILTY CLAY, gray		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:10%;">Dia. (in.)</th> <th style="width:10%;">New Or Used</th> <th style="width:40%;">Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial</th> <th style="width:10%;">Setting (ft)</th> <th style="width:10%;">Gage Casing Screen</th> </tr> <tr> <td align="center">1</td> <td align="center">N</td> <td align="center">SCHL 40 PVC</td> <td align="center">0 10</td> <td></td> </tr> <tr> <td align="center">1</td> <td align="center">N</td> <td align="center">SCHL 40 PVC</td> <td align="center">10 20</td> <td align="center">0.010</td> </tr> </table>					Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft)	Gage Casing Screen	1	N	SCHL 40 PVC	0 10		1	N	SCHL 40 PVC	10 20	0.010
Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft)	Gage Casing Screen																	
1	N	SCHL 40 PVC	0 10																		
1	N	SCHL 40 PVC	10 20	0.010																	
9) Cementing Data																					
Cementing from 0 ft. to 20.0 ft. # of sacks used 2																					
Method Used TREMIE																					
Cementing By RICARDO PADILLA																					
Distance to septic system field or other concentrated contamination ft.																					
Method of verification of above distance																					
13) Plugged <input checked="" type="checkbox"/> Well plugged within 48 hours																					
Casing left in well: NONE Cement/Bentonite placed in well:																					
From (ft) To (ft)		From (ft) To (ft)		Sacks used																	
		0 20.0		2																	
14) Typepump																					
<input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other N/A																					
Depth to pump bowls, cylinder, jet, etc., ft.																					
15) Water Test																					
Type test <input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input type="checkbox"/> Jetted <input type="checkbox"/> Estimated N/A																					
Yield: gpm with ft. drawdown after hrs.																					
16) Water Quality																					
Did you knowingly penetrate any strata which contain undesirable constituents?																					
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?																					
Type of water Depth of Strata																					
Was a chemical analysis made? <input type="checkbox"/> Yes <input type="checkbox"/> No																					
Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC.						Lic. No. 4997-M															
Address P.O. BOX 845			City FRIENDSWOOD		State TX	Zip 77549															
Signature <i>Al. Trumbull</i>		Date 7/5/01	Signature <i>Ricardo Padilla</i>		Date 7/5/01																
Licensed Driller/Pump Installer			Apprentice																		



TDLR FORM 004WWD

Copies to TDLR - Owner - Driller/Pump Installer

Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 91 Distance from Property: 1.91 mi. NW

STATE ID: **65-14-768**
OWNER'S NAME: **BEAUCHAMPS SPRINGS**
DATE DRILLED: **NOT REPORTED**
DEPTH DRILLED: **NOT REPORTED**
WATER USAGE:
LONGITUDE: **-95.374167000**
LATITUDE: **29.781111000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514768/6514768.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 92 Distance from Property: 1.91 mi. ESE

STATE ID: 65-14-805
OWNER'S NAME: WEINGARTEN'S BAKERY
DATE DRILLED: 00/00/1957
DEPTH DRILLED: 905'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.322407000
LATITUDE: 29.752218000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514805/6514805.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1

State ID: 65-14-805

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 14 805 Previous Well Number - County - Harris 201
 River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 45 05 Longitude - 95 19 20 Source of Coords - 2
 Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____
 Owner - Weingarten's Bakery Driller - Layne Texas Co.

Address _____ Tenant/Oper. _____
 Date Drilled - / /1957 Depth - 905 ft. Source of Depth - Altitude - 42 ft. Source of Alt. -
 Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User -
 WELL Const. Casing
 CONSTRUCTION Method - _____ Material - _____ | Casing or Blank Pipe (C)
 Screen _____ | Well Screen or Slotted Zone (C)
 Completion - _____ Material - _____ | Open Hole (O)
 Cemented from _____ to _____
 LIFT DATA - Pump Mfr. _____ Type - TURBINE PUMP No. Stages _____ | Diam. Setting(feet)
 (in.) From To
 Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in. |
 Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - |
 YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____ |
 PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM |
 Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft |
 QUALITY (Remarks- _____ |
 WATER USE Primary- INDUSTRIAL Secondary- _____ Tertiary- _____ |
 OTHER DATA AVAILAIBLE Water Levels- M Quality- N Logs- Other Data- |
 WATER LEVELS Date- 03/01/1957 Measurement- -252.00 |
 Date- / / Measurement- |
 Recorded By _____ Date Record Collected or Updated- 09/30/2002 |

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
 REMARKS -
 TWDB R178: 80 ft. of screen
 between 825 and 905 ft.

Aquifer - 121EVGL
 Well No. - 65 14 805



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 92 Distance from Property: 1.91 mi. ESE

WELL ID: 2478
OWNERS NAME: WEINGARTEN, INC., J.
YEAR DRILLED: 1957
DEPTH DRILLED: 905'
STATIC LEVEL: 814'
WATER USAGE: PUBLIC SUPPLY
WELL STATUS: PLUGGED
LONGITUDE: -95.322407000
LATITUDE: 29.752218000
SOURCE: HGSD



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 93

Distance from Property: 1.94 mi. W

ID NUMBER: TX181326
STATE ID : 65-13-9
OWNER NAME: GLENWOOD CEMETERY
DATE DRILLED: 12/14/1989
DEPTH DRILLED: 512'
STATIC LEVEL: 250'
WATER USAGE: IRRIGATION
LONGITUDE: -95.385137000
LATITUDE: 29.765653000

2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2

Water Well ID: 181326



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 181326

Please use black ink. Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Glenwood Cemetery Address 2525 Washington Ave. Houston
(Name) (Street or R.F.D.) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 2 miles in W direction from DT Houston
(N.E., S.W., etc.) (Town)

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map.

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other _____

5) DRILLING METHOD (Check): Driven Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other _____

6) WELL LOG:
Date Drilling: Started 14 Dec 1989 Completed 17 " 19"
Diameter of Hole: Dia. (in.) From (ft.) To (ft.)
8 1/2 Surface 508
8 1/2 plus 2 463

7) BOREHOLE COMPLETION: Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material	Setting (ft.)		Cage Casing Screen
			From	To	
0	rotary 4	clay fill	10	clay 120	
	sand 130	sandy clay 160	sand 200		
	clay 210	sand 233	clay 306	sand 342	
	clay 370	sand 380	clay 421	sand 435	
	clay 453	sand 478	clay 483	sand 511	
		clay 512			

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Cage Casing Screen
			From	To	
N 5 1/2"		Steel casing	plus 2	461	15 1/2"
N 3"		lap	452	461	40 sdl
N 3"		ss rod base screen	481	476	12 GA
N 3"		steel lap	476	494	40 S
N 3"		SS rod base screen	494	509	14 GA
			509	511	BPV

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
Method used Halliburton
Cemented by Swinehart

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 250 ft. below land surface Date 17 Dec 89
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth K packers 451' & 452'

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc., 315 ft.

14) WELL TESTS:
Type Test: Pump Bailor Jetted Estimated
Yield: 75 gpm with 40 ft. drawdown after 1 hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME B.J. Swinehart Co., Inc Water Well Driller's License No. 229
(Type or Print)

ADDRESS 7524 N. Freewy. Houston, Texas 77037
(Street or R.F.D.) (City) (State) (Zip)

(Signed) [Signature] (Signed) _____
(Licensed Water Well Driller) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use only: Well No. 63-13-9 Located on map _____

RECEIVED
APR 24 1990

TEXAS WATER COMMISSION

CWB

TWC-0392 (Rev. 06-10-85)

TEXAS WATER COMMISSION COPY



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 93 Distance from Property: 1.94 mi. W

WELL ID: **9338**
OWNERS NAME:
YEAR DRILLED: **1988**
DEPTH DRILLED: **500'**
STATIC LEVEL: **400'**
WATER USAGE: **OTHER**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.385137000**
LATITUDE: **29.765653000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 94 Distance from Property: 1.97 mi. WSW

STATE ID: 65-13-930
OWNER'S NAME: HORLOCK ICE CO.
DATE DRILLED: 00/00/1929
DEPTH DRILLED: 250'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.384238000
LATITUDE: 29.750574000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513930/6513930.pdf>

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 94 Distance from Property: 1.96 mi. WSW

WELL ID: 1790
OWNERS NAME: ADMIRAL LINEN & UNIFORM SERVICE
YEAR DRILLED: 1967
DEPTH DRILLED: 600'
STATIC LEVEL: 540'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.384253000
LATITUDE: 29.750844000
SOURCE: HGSD



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 95

Distance from Property: 1.99 mi. SSW

ID NUMBER: TX205175
STATE ID : N/A
OWNER NAME: JUDSON ROBINSON & SONS
DATE DRILLED: 02/26/1979
DEPTH DRILLED: 80'
STATIC LEVEL: 20'
WATER USAGE: DOMESTIC
LONGITUDE: -95.360381000
LATITUDE: 29.731873000

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205175

Send original copy by certified mail to the Texas Department of Water Resources, P. O. Box 13087, Austin, Texas 78711. State of Texas WATER WELL REPORT For TDWR use only. Well No. _____ Located on map NO Received: TH 80

1) OWNER Judson Robinson & Sons Address 2905 Elgin Houston, TX 77004
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 10 miles in S direction from Houston
(Town)

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Public Supply Irrigation Test Well Other

5) DRILLING METHOD (Check): Mud Rotary Air Hammer Driven Bored Air Rotary Cable Tool Jetted Other

6) WELL LOG: Date drilled 2-26-79

DIAMETER OF HOLE		Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
From (ft.)	To (ft.)					From	To	
		Top Soil						
0	3	Clay						
3	40	Sand	2	N	PVC	0	70	40
40	50	Clay	2	N	Everflo	70	80	006
50	65							
65	80	Sand						

7) BOREHOLE COMPLETION: Open Hole Straight Wall Underreamed Gravel Packed Other

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

9) WATER LEVEL: Static level 20 ft. below land surface Date 2-26-79
Artesian flow _____ gpm. Date _____

10) PACKERS: Type _____ Depth _____

11) TYPE PUMP: Turbin Jet Submersible Cylinder Other
Depth to pump bowls, cylinder, jet, etc., 42 ft.

12) WELL TESTS: Type Test Pump Bailor Jetted Estimated
Yield: 20 gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Orlen O'Day Water Well Drillers Registration No. 786
(Type or Print)

ADDRESS P. O. Box 162 Pearland Texas 77581
(Street or RFD) (City) (State) (Zip)

(Signed) Orlen O'Day O'DAY DRILLING CO., INC.
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.
TDWR-0392



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 96 Distance from Property: 2.03 mi. ESE

STATE ID: 65-22-221
OWNER'S NAME: TEXAS ICE AND FUEL CO.
DATE DRILLED: 00/00/1928
DEPTH DRILLED: 401'
WATER USAGE: UNUSED
LONGITUDE: -95.322563000
LATITUDE: 29.747118000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522221/6522221.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-22-221

TEXAS WATER DEVELOPMENT BOARD WELL SCHEDULE

State Well Number - 65 22 221 Previous Well Number - _____ County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 44 50 Longitude - 95 19 22 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Texas Ice and Fuel Co. Driller - McMasters & Pomeroy

Address _____ Tenant/Oper. _____
Date Drilled - / /1928 Depth - 401 ft. Source of Depth - D Altitude - 42 ft. Source of Alt. - M
Aquifer - 112CHCTL CHICOT AQUIFER, LOWER Well Type - W User -
WELL Const. Casing Material - _____
CONSTRUCTION Method - _____ Screen _____
Completion - _____ Material - _____
Cemented from _____ to _____
LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages _____
Diam. Setting(ft) From To
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in. |
Motor Mfr. - _____ Fuel or Power - _____ Horsepower - _____ |
YIELD Flow- _____ GPM Pump- _____ GPM Meas., Rept., Est- _____ Date- _____ |
PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM |
Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap. - _____ GPM/ft |
QUALITY (Remarks- _____ |
WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____ |
OTHER DATA AVAILABLE Water Levels- N Quality- N Logs- _____ Other Data- _____ |
WATER LEVELS Date- / / Measurement- _____ |
Date- / / Measurement- _____ |
Recorded By _____ Date Record Collected or Updated- / / |

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CHCTL
Well No. - 65 22 221

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 96 Distance from Property: 2.03 mi. ESE

STATE ID: 65-22-220
OWNER'S NAME: TEXAS ICE AND FUEL CO.
DATE DRILLED: 00/00/1928
DEPTH DRILLED: 272'
WATER USAGE: UNUSED
LONGITUDE: -95.322564000
LATITUDE: 29.747118000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522220/6522220.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 97 Distance from Property: 2.03 mi. ESE

STATE ID: 65-22-219
OWNER'S NAME: STANDARD ICE CO.
DATE DRILLED: 00/00/1929
DEPTH DRILLED: 550'
WATER USAGE: UNUSED
LONGITUDE: -95.326180000
LATITUDE: 29.742060000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522219/6522219.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 97 Distance from Property: 2.03 mi. ESE

STATE ID: 65-22-218
OWNER'S NAME: STANDARD ICE CO.
DATE DRILLED: 00/00/1929
DEPTH DRILLED: 960'
WATER USAGE: UNUSED
LONGITUDE: -95.326190000
LATITUDE: 29.742080000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522218/6522218.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 98 Distance from Property: 2.05 mi. WNW

STATE ID: **65-13-943**

OWNER'S NAME: **COOK PAINT & VARNISH**

DATE DRILLED: **01/14/1965**

DEPTH DRILLED: **502'**

WATER USAGE:

LONGITUDE: **-95.384030000**

LATITUDE: **29.773250000**

SOURCE: **TWDB**

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513943/6513943.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 5
State ID: 65-13-943

TEXAS DEPARTMENT OF WATER RESOURCES
WELL SCHEDULE

Aquifer(s) Lavaca Chicot Project No. _____ State Well No. 65-13-943
Field No./Owner's Well No. _____ County HARRIS

1. Location: #, #, Section, Block, Survey, Lat., Long.

2. Owner: Cook Paint & Varnish Address: _____
Tenant (other): _____ Address: _____
Driller: Layne Texas Address: _____

3. Land Surface Elevation: 56 ft. above msl determined by _____

4. Drilled: 1-14 19 65; Dug, Cable Tool, Rotary, Air, _____

5. Depth: Rept. 502 ft. Meas. _____ ft.

6. Borehole Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed

7. Pump: Mfr. _____ Type T
No. Stages _____, Bowls Diam. _____ in., Setting _____ ft.
Column Diam. _____ in., Length Tailpipe _____ ft.

8. Motor: Mfr. _____ Fuel E HP 40

9. Yield: Flow _____ gpm, Pump _____ gpm, Meas., Rept., Est. _____ Date _____

10. Performance Test: Date 1/23/65 Length of Test _____ Made by L-T
Static Level 150 ft. Pumping Level _____ ft. Drawdown 27 ft.
Production 357 gpm Specific Capacity _____ gpm/ft.

11. Quality: (Remarks on taste, odor, color, etc.) _____

Analyses
Date _____ Laboratory Edna Wood TDS _____ Sp Cond _____
Date _____ Laboratory _____ TDS _____ Sp Cond _____

12. Other data available (as circled): Pumping Test, Power & Yield Test, Drillers Log,
Formation Samples, Geophysical Log(s) Q1531 (type)

13. Water Level(s): _____ ft. rept. _____ 19 _____ above _____ ft. above Land Surface
_____ ft. meas. _____ 19 _____ below _____ ft. below Land Surface

14. Use: Dom., Stock, Public Supply, Ind, Irr., Observation, Other (Test Hole, Oil Test, etc.) _____

15. Recorded by: _____ Source of data: _____ Date: _____

16. Remarks: _____

17. Location or Sketch: _____

CASING, BLANK PIPE & WELL SCREEN			
Cemented From		ft. to	
Diam. (In.)	Type	Setting (feet)	
		From	to
14			220
8			502

AS

Q 1531

W/L Obs. Well _____ W/O Obs. Well _____
State Well No. 65-13-943

TDWR-0308


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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 5
State ID: 65-13-943

LAYNE TEXAS COMPANY
HOUSTON DALLAS
WATER WELL TEST

REPORT NO. 6931
S. O. 2044-64
PAGE 1 OF 1
FILE NO 2914
DATE 1/27/65

CUSTOMER LOCATION TEST FOR COOK PAINT & VARNISH COMPANY LOCATION OF WELL HOUSTON PLANT SURVEY FIELD COUNTY HARRIS STATE TEXAS DESCRIPTION OF LAND MARKS 2519 CROCKETT ST.		WELL DATA NAME WELL _____ WELL NO 3 ELEVATION _____ DATUM _____ WELL SIZE 14" x 8-5/8" x 24" U.R. TOTAL DEPTH 502' TOP SCREEN 245' GRAVEL WELL _____ STRAIGHT WELL _____ TYPE SCREEN S.S. W.W. GAGE .040" TEMPERATURE OF WATER _____ WATER CONDITION CLEAR & FREE OF SAND						
WATER MEASURING DEVICE ORIFICE SIZE 6"x4" LENGTH 80' OTHER FROM PUMP		TEST PUMP DATA DEPTH SETTING TOP OF BOWL 200' LENGTH AIR LINE 200' SIZE 1/4" TYPE BOWL SKHC 8" NO. STAGES 13 LENGTH BOWL _____ SUCTION LT. NONE						
SAND CONTENT _____ OZ PER 100 GAL _____ ACTIVE STATIC HEAD AFTER PUMP STOPPED 5 MIN 151 FT 20 MIN 150 FT 10 MIN 150 FT 25 MIN 149 FT 15 MIN 150 FT 30 MIN 149 FT S.L. BEFORE START 150 FT.		WATER SAMPLE TAKEN _____ NO. SAMPLES _____ BACTERIOLOGICAL SAMPLE TAKEN _____ DRAWDOWN _____ SPECIFIC CAPACITY _____						
DATE	AIR LINE GAGE	PUMPING LEVEL	DISCH PRESS	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
1/23/65 - STARTED TEST AT 9:30 A.M.								
9:30 AM	21	179		32.5	360			
10:00	22	178		32.5	360			
10:30	23	177		32.5	360			
11:00	23	177		32.5	360			
11:30	23	177		32	357			
12:00 N	23	177		32	357			
12:30 PM	23	177		32	357			
1:00	23	177		32	357			
1:30	23	177		32	357			
2:00	23	177		32	357			
2:30	23	177		32	357			
3:00	23	177		32	357			
3:30	23	177		32	357			
4:00	23	177		32	357			
5:00	23	177		32	357			
5:30	23	177		32	357			

65-13-943
65-13-943
Q-1531

OBSERVERS
B. R. TUCKER
FOR OWNER

JAKE HODGES
FOR LAYNE TEXAS CO.

FORM NO 25



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 3 out of 5
 State ID: 65-13-943

LAYNE TEXAS COMPANY,
 HOUSTON -- DALLAS
 WELL LOG

65-13-943
 REPORT NO. 6929
 S O 2044-64
 PAGE 1 OF
 FILE NO. 2914
 DATE 1/20/65

FORM N 28

CUSTOMER LOCATION		WELL DATA	
FOR	COOK PAINT & VARNISH COMPANY	NAME WELL	WELL NO. 2
LOCATION WELL	2519 CROCKETT	ELEVATION	DATUM
SURVEY	FIELD	RT	GR
COUNTY	HARRIS	STATE	TEXAS
OTHER LAND MARKS		TEST HOLE SIZE	12 1/4" 500'
		DATE STARTED DRILLING	1-12-65
		DATE FINISHED DRILLING	1-14-65
		DRILLER	J. HODGES
		TYPE M	GEL
		ELECTRIC LOG	YES
		SURVEY	YES
		RIG NO	7
		NO SACKS	4
		TYPE	WIDCO
		TYPE	EASTMAN
		OTHER	

OK

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES		
			DEPTH	TYPE	NUMBER
0	2	SURFACE SOIL			
35	33	CLAY & STREAKS OF SAND			
52	17	CLAY & SANDY CLAY			
53	1	BOULDER			
98	45	CLAY & SANDY CLAY			
115	17	SAND			
131	16	SAND & SANDY CLAY			
193	62	LAYERS OF CLAY & SANDY CLAY			
194	1	BOULDERS			
202	8	SANDY CLAY & SAND			
205	3	BOULDERS			
244	39	SHALE & STREAKS OF SANDY GRAVEL			
254	10	SAND & GRAVEL			
293	39	SHALE & STREAKS OF SAND			
374	81	SHALE & SANDY SHALE, SAND BREAKS			
386	12	SAND & SANDY SHALE			
406	20	SHALE & SANDY SHALE			
450	44	SAND & FEW SHALE BREAKS			
457	7	SAND-SHALE			
487	30	SAND & FEW BREAKS SANDY SHALE			
502	15	SANDY SHALE & SHALE			
TOTAL DEPTH 502 FEET					

65-13-943

Q-1531



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 4 out of 5
State ID: 65-13-943

FORM NO. 1202

LAYNE TEXAS COMPANY
HOUSTON -:- DALLAS
MATERIAL SETTING

REPORT NO. 6930
S. O. 2044-64
PAGE 1 OF 1
FILE NO. 2914
DATE 1/27/65

CUSTOMER LOCATION		WELL DATA	
FOR	Cook Paint & Varnish Company	NAME WELL	WELL NO. 3
LOCATION WELL	Houston Plant	ELEVATION	DATUM
SURVEY	FIELD	TYPE WELL	Gravel-wall
COUNTY	Harris	SURFACE CASING CEMENTED	Yes NO. SACKS 90
STATE	Texas	SIZE HOLE UNDERREAMED	24" DEPTH 220-502'
OTHER LAND MARKS	2519 Crockett Street	GRAVEL TYPE	112-13- NO. CU. YDS. 48
		TYPE SCREEN	165 8.S. W.W. GAGE .040"
		DRILLER	J. Hodges RIG NO. 7
		OTHER	B. Tolley, C. Brewer

DEPTH	LENGTH	SIZE, KIND, WEIGHT MATERIAL	SKETCH
+1'		14" OD set one foot above surface	
0		Surface	
118'	221'	Top of 8-5/8" O.D. lap	
220'	111'	14" O.D. surface casing 45.68#	
229'	11'	8-5/8" O.D. blank	
245'	16'	8-5/8" OD S.S. W.W. screen, .040" ga.	
310'	65'	8-5/8" O.D. blank	
336'	26'	8-5/8" OD S.S. W.W. screen, .040" ga.	
430'	94'	8-5/8" O.D. blank	
440'	10'	8-5/8" OD S.S. W.W. screen, .040" ga.	
465'	25'	8-5/8" O.D. blank	
486'	21'	8-5/8" OD S.S. W.W. screen, .040" ga.	
500'	14'	8-5/8" O.D. blank	
502'	2'	8-5/8" OD back pressure valve and set nipple	
Total depth 502 ft.			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 5 out of 5
State ID: 65-13-943

MICROBIOLOGY SERVICE LABORATORIES

water technologists . . . chemists . . . microbiologists

27 January 1965

To: Layne Texas Company
P. O. Box 9098
Houston, Texas 77011

SO 2044-64

Sample marked: Sample No. 1, Well No. 3, Cooks Paint & Varnish, Houston, Harris Cty, Texas. Taken: 1-23-65 after 7 hours pumping at 357 gpm with Test Pump. Static Head: 150'. Pumping Level: 177'. Screened: 229-486'. Clear & free of sand. B. F. Tolley

Received: 1-26-65

WATER ANALYSIS
results in parts per million (mg/l) except as noted

Dissolved Residue at 105°C		366	Conductance, micromhos/cm, 25°C	648
Total Dissolved Solids, actual†		517	Color, units	0
Total Dissolved Solids, calc.		510	Turbidity, units	0
Silica	SiO ₂	17	As Calcium Carbonate, CaCO ₃ :	
Iron and Aluminum Oxides	R ₂ O ₃	0	Phenolphthalein Alkalinity	0
Calcium	Ca	71	Total Alkalinity	244
Magnesium	Mg	12	Total Hardness	228
Sodium (diff.) Na + K as	Na	48	Free Carbon Dioxide CO ₂	26
Carbonate	CO ₃	0	pH . . .	7.26
Bicarbonate	HCO ₃	298	HYPOTHETICAL COMBINATIONS	
Sulfate	SO ₄	2	Calcium Bicarbonate	287
Chloride	Cl	60	Magnesium Bicarbonate	75
Total Iron	Fe	0.00	Sodium Bicarbonate	27
o-Phosphate	PO ₄	0.75	Sodium Sulfate	2
Nitrate	NO ₃	1.3	Sodium Chloride	99
			Sodium Phosphate	1
			Sodium Nitrate	2
			SiO ₂ + R ₂ O ₃	17
			Total Dissolved Solids, calc.	510

†Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO₃) ion

Microbiology Service Laboratories

By: *Edna Wood*
Edna Wood

4796

7-7271 • P. O. BOX 14371 • 4820 OLD SPANISH TRAIL • HOUSTON, TEXAS 77021

GeoSearch

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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 98 Distance from Property: 2.05 mi. WNW

WELL ID: **1659**
OWNERS NAME: **COOK PAINT & VARNISH COMPANY**
YEAR DRILLED: **1965**
DEPTH DRILLED: **502'**
STATIC LEVEL: **NOT REPORTED**
WATER USAGE: **INDUSTRIAL**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.384030000**
LATITUDE: **29.773250000**
SOURCE: **HGSD**



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 99

Distance from Property: 2.05 mi. NW

ID NUMBER: TX205397
STATE ID : 65-13-9
OWNER NAME: RAY AIRE OF HOUSTON
DATE DRILLED: 05/22/1987
DEPTH DRILLED: 133'
STATIC LEVEL: 97'
WATER USAGE: SUPPLY
LONGITUDE: -95.375476000
LATITUDE: 29.782936000

3 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 3
Water Well ID: 205397

State of Texas
WATER WELL REPORT
Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Ray Aire of Houston Address 4224 Mangum, Houston, Tx. 77092
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 0 miles in N direction from Houston
(N.E., S.W., etc.) (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map. ONGS-13-9

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other Supply

5) DRILLING METHOD (Check): Driven Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other _____

6) WELL LOG:
Date Drilling: Started 05/20 19 87 Completed 05/22 19 87

DIAMETER OF HOLE		To (ft.)	
Dia. (in.)	From (ft.)		
6-3/4	Surface	133	

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
						From	To	
0	4	Top Soil						
4	18	Clay						
18	32	Sandy Clay						
32	114	Clay	4	N	PVC Casing	0	115	40
114	125	Sand, Salt & Pepper .008	4	N	PVC Screen			
125	133	Clay w/sand streaks			Slotted .006	115	125	40

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 15 ft. No. of Sacks Used 4
_____ ft. to _____ ft. No. of Sacks Used _____
Method used Grouted
Cemented by Paul W. Rhodes

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 97 ft. below land surface Date 05/20/87
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____
Rubber Formation 113' 105' 15'

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc., 118' ft.

14) WELL TESTS:
Type Test: Pump Bailor Jetted Estimated
Yield: 10 gpm with Air ft. drawdown after --- hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Good Depth of strata 11'
Was a chemical analysis made? Yes No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME WALKER WATER WELL SERVICE, INC. Well Driller's License No. 1827
(Type or Print)

ADDRESS P. O. Box 1580 Alvin Tx. 77512-1580
(Street or RFD) (City) (State) (Zip)

(Signed) Paul W. Rhodes (Signed) _____
(Licensed Water Well Driller) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only.
Well No. 65-13-9
Located on map _____

TWC-0392 (Rev. 06-10-85)

TEXAS WATER COMMISSION COPY



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 3
Water Well ID: 205397



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 3 out of 3
Water Well ID: 205397



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 100 Distance from Property: 2.06 mi. NW

ID NUMBER: TX205401
STATE ID : 65-13-9
OWNER NAME: RAY AIRE OF HOUSTON
DATE DRILLED: 05/22/1987
DEPTH DRILLED: 137'
STATIC LEVEL: 97'
WATER USAGE: INJECTION
LONGITUDE: -95.373831000
LATITUDE: 29.784271000
3 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 3
Water Well ID: 205401



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 3
Water Well ID: 205401

Please use black ink. Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

**State of Texas
WATER WELL REPORT**

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Ray Aire of Houston Address 4224 Mangum, Houston, Tx. 77092
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles in 0.4 direction from Houston
(N.E., S.W., etc.) (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map.

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other _____

5) DRILLING METHOD (Check): Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other _____

6) WELL LOG:
Date Drilling: Started 05/22 19 87 Completed _____ 19 _____

From (ft.)	To (ft.)	Description and color of formation material	DIAMETER OF HOLE	
			Dia. (in.)	From (ft.) To (ft.)
0	4	Top Soil		
4	17	Clay	6-3/4	Surface 137
17	34	Sandy Clay		
34	116	Clay		
116	121	Sand		
121	128	Sandy Clay		
128	137	Sand, Salt & Pepper .008		
137		Clay		

7) BOREHOLE COMPLETION: Open Hole Straight Well Underreamed
 Gravel Packed Other _____
If Gravel Packed give interval ... from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
4	N	PVC Casing	0	127	40
4	N	PVC Screen			
		Slotted .010	127	137	40

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 15 ft. No. of Sacks Used 4
_____ ft. to _____ ft. No. of Sacks Used _____
Method used Grouted
Cemented by Paul W. Rhodes

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 97 ft. below land surface Date 5/22/87
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____
Rubber Formation 125' 118' 15'

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other Injection
Depth to pump bowls, cylinder, jet, etc. _____ ft.

14) WELL TESTS:
Type Test: Pump Bailor Jetted Estimated
Yield: 10 gpm with Air ft. drawdown after -- hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER" _____
Type of water? Good Depth of strata 9'
Was a chemical analysis made? Yes No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME WALKER WATER WELL SERVICE, INC. Water Well Driller's License No. 1827
(Type or Print)

ADDRESS P. O. Box 1580 Alvin Tx. 77512-1580
(Street or RFD) (City) (State) (Zip)

(Signed) Paul W. Rhodes (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 65-13-9
Located on map _____

RECEIVED
AUG 31 1987

TEXAS WATER COMMISSION

WC-0392 (Rev. 06-10-85)

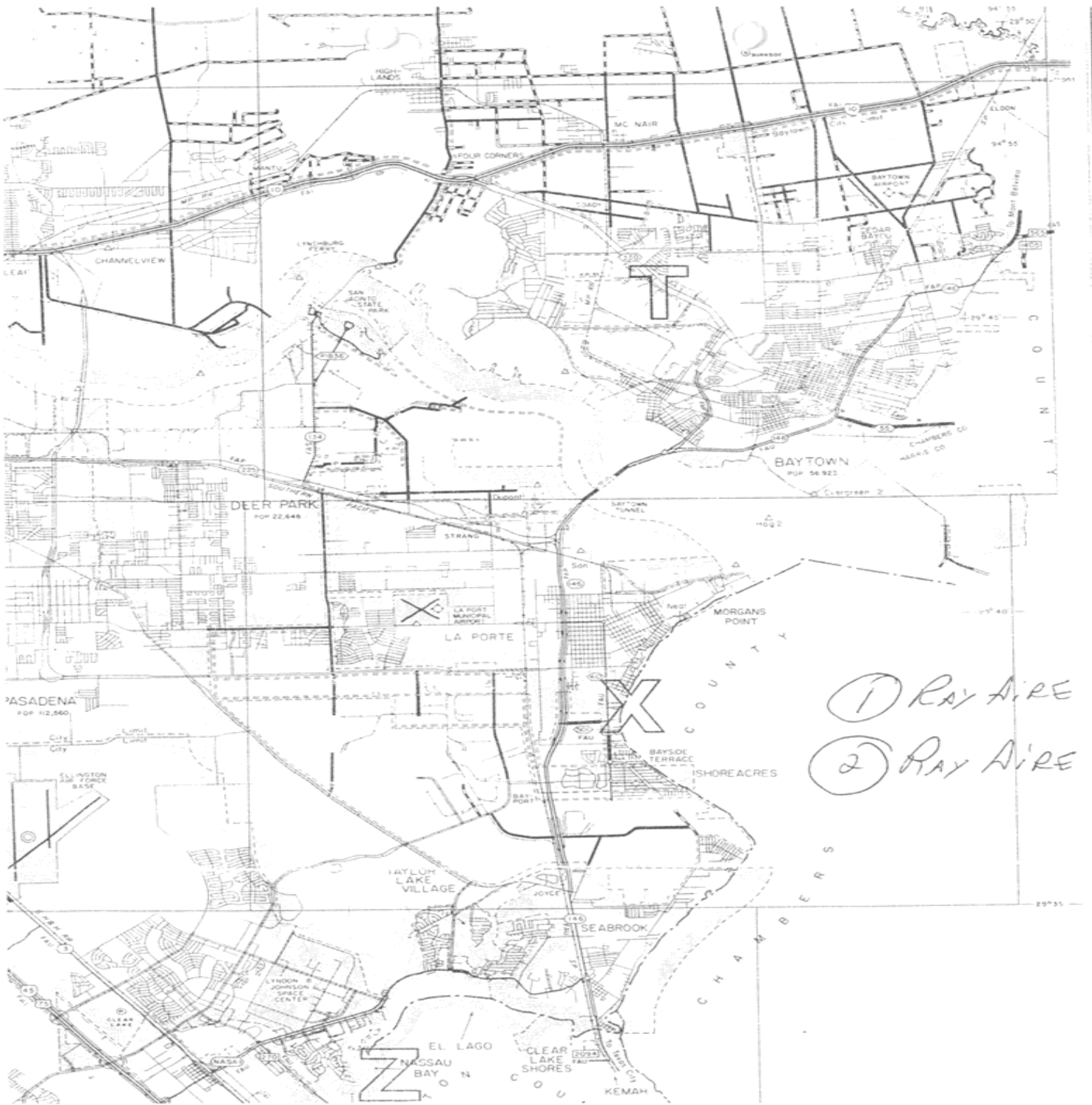
TEXAS WATER COMMISSION COPY



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 3 out of 3
Water Well ID: 205401



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 101 Distance from Property: 2.07 mi. SSE

ID NUMBER: TX199544
STATE ID : 65-22-1C
OWNER NAME: C.D. THRELKELD
DATE DRILLED: 11/15/1962
DEPTH DRILLED: 50'
STATIC LEVEL: 15'
WATER USAGE: HOME
LONGITUDE: -95.335893000
LATITUDE: 29.733945000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 199544

File original copy with
Texas Water Commission
P. O. Box 2311, Capitol Station
Austin 11, Texas

State of Texas

DRILLERS LOG AND WELL DATA REPORT

For use by TMC only
Well No. 65-28-1C
Located on map 42063
By 102 Date 10/2/63
Map no. 102(2)

1) Well Owner: C. D. Sherkheld 4417 Coyle Houston

2) Land Owner: _____

3) Intended use: Industrial ; Municipal ; Irrigation ; Other Home

4) Location of well: County Harris Labor _____ League _____ Abstract No. _____

NW¹ NE¹ SW¹ SE¹ of Section _____ Block No. _____ Survey _____

miles in _____ direction
From _____ To _____

City limits of Houston -
app 1/4 mile N of Gulf freeway

Sketch map of well location with distances from two section
or survey lines, and to landmarks, roads, and creeks.

Method of drilling: Rotary Diameter of hole 4 in. Date drilled Nov 15 - 63

DRILLERS LOG OF WELL

All measurements made from 1 ft. above ground level.

From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material
0	10	Surface			
10	20	Red clay			
20	35	White clay			
35	47	Red clay			
47	50	Red Sand.			

(Use continuation sheets if necessary)

COMPLETION

Straight wall

Under reamed

Gravel packed

Open hole

Other _____

CASING

Type: Old New

Cemented from _____ ft.
to _____ ft.

Diameter (inches)	Setting	
	from (ft)	to (ft)
2"	0	47

SCREEN

Type open hole

Perforated Slotted

Diameter (inches)	Setting	
	from (ft)	to (ft)

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

Driller 12401 Kayla Houston 15 Reg. No. 241

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

Static water level 15'
ft. below _____

feet	Pumping level	
	hours	gpm

WATER LEVEL AND PUMP DATA

Pump type Jet

Designed pumping rate 500 gpm

Type power unit Electric

Horsepower 1/2

Depth to bowls, cylinder, jet, etc., 21' ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company: _____

34 (62-4)

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 102 Distance from Property: 2.13 mi. S

STATE ID: 65-22-130

OWNER'S NAME: CITY OF HOUSTON SCOTT STREET #7

DATE DRILLED: 00/00/1963

DEPTH DRILLED: 1725'

WATER USAGE: PUBLIC SUPPLY

LONGITUDE: -95.350370000

LATITUDE: 29.729173000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522130/6522130.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 15
State ID: 65-22-130

WRD Exp. (GW)
April 1966

Well No. WT-65-22-130

WELL SCHEDULE
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

U. S. DEPT. OF THE INTERIOR

MASTER CARD (T. BROWN)

Record by R. K. GARY scm of data FILES Date 2-23-68 Map Park Place 1955
 State TEXAS County HARRIS Sequential number: 7
 Latitude: 29° 43' 43" N Longitude: 09° 52' 10" W
 Local well number: 42-65-22-130 Other number: SCOTT ST. 7
 Local use: _____ Owner of name: CITY OF HOUSTON
 Owner or name: CITY OF HOUSTON Address: in plant yard
 Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist M
 Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Mad, Ind, Res, Rec, Stock, Inatit, Unused, Reprssure, Recharge, Desal-P S, Desal-other, Other P
 Use of well: Anoda, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdrawn, Waste, Destroyed W
 DATA AVAILABLE: Well data 1 Freq. W/L meas.: Semi Annual S Field aquifer char. _____
 Hyd. lab. data: _____
 Qual. water data: type: _____
 Freq. sampling: 2-8-64 A Pumpage inventory: yes _____ no: period: _____
 Aperture cards: _____
 Log data: E-LOG BB-54 TO 2010' E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1725 ft 1725 Meas. accuracy: Driller 3
 Depth cased: 705 ft 705 Casing type: S ; Diam 24-12 in 24
 Finish: porous concrete, gravel v. concrete, (perf.), (screen), horiz. open perf., screen, sd. pt., shored, other G
 Method drilled: air bored, cable, dug, hyd jetted, air percussion, rotary, reverse trenching, driven, drive wash, other H
 Date drilled: DEC.-1963 563 Pump intake setting: _____ ft _____
 Driller: TEXAS WATER WELLS INC Houston, Texas
 Lift (type): air, bucket, cent, jet, multiple, multiple, nose, piston, rot, submerg, cur, other T Deep D
 Power (type): diesel, elec, nat gas, gasoline, hand, gas, wind; H.P. 300 W Trans. of meter no. _____
 Descrip. MP 67 ft above LSD. Alt. MP 51.7'
 Alt. LSD: 45' 45 Accuracy: 5' TO 10' 3
 Water level: 282.88 ft above MP; 276 ft below LSD Accuracy: MENS. A
 Date meas: 2-8-64 264 Yield: 2919 gpm 2919 Method determined 4
 Drawdown: 43 ft 43 Accuracy: MENS. 0 Pumping period: 48 hrs 48
 QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____
 Sp. Conduct _____ K x 10⁶ _____ Temp. 83.3° F 83 Date sampled 2-8-64 _____
 Taste, color, etc. _____

WELL NO. WT-65-22-130

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 15
State ID: 65-22-130

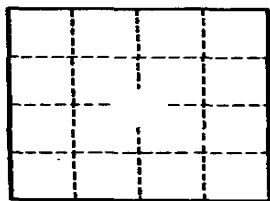
Well No. 62-65-22-130

Latitude-longitude 29.43.43 N 99.21.00 W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD
 Physiographic Province: COASTAL PLAINS Section: W. Gulf Coastal
 Drainage Basin: PLAIN Subbasin: 511R
 Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (F) offshore, pediment, hillside, terrace, undulating, valley flat
 MAJOR AQUIFER: system T series 38 aquifer, formation, group E
 Lithology: 33 Length of well open to: 391 ft 33 35 37 Origin: 34 Depth to top of: 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79
 MINOR AQUIFER: system 44 series 45 aquifer, formation, group 46
 Lithology: 40 Length of well open to: 41 ft 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79
 Intervals Screened: 705-725, 747-769, 839-858, 874-878, 881-919, 964-974
 Depth to consolidated rock: 40 ft 41 42 43 Source of data: 44
 Depth to basement: 45 ft 46 47 48 Source of data: 49
 Surficial material: 70 71 Infiltration characteristics: 72
 Coefficient Trans: 75 spd/ft 76 77 78 79 Coefficient Storage: 70 71 72 73 74 75 76 77 78 79
 Perm: 75 spd/ft²; Spec cap: 76 77 78 79 spd/ft; Number of geologic cards: 70 71 72 73 74 75 76 77 78 79

* SCREENS: Cemented Gravel wall
 984²⁵ 1009
 1054²⁵ 1079
 1119²⁵ 1149
 1344²⁵ 1363
 1365²⁵ 1399
 1454²⁵ 1485
 1483²⁶ 1509
 1530²⁶ 1570
 1595²⁵ 1620
 1690²⁵ 1715
 Recovery test made by USGS
 600' of 24" csg.



Well No. 62-65-22-130

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 3 out of 15
State ID: 65-22-130

File original copy with Texas Water Commission P. O. Box 12311, Capitol Station Austin, Texas 78711

State of Texas
DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No. 65-22-130
Located on map 10267
By W. J. [unclear] Date 1/19/64
Map no. 10267

1) Well Owner: City of Houston, Houston, Texas

2) Land Owner: Same

3) Intended use: Industrial (Municipal) Irrigation Other _____

4) Location of well: County Harris Labor _____ League _____ Abstract No. _____

Block No. _____ Survey _____

miles in _____ direction
from _____

Well located at 3100 Scott Street. City of Houston (Scott Street #7) Houston, Texas Job # 1349-64

Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 9-7/8 in. Date drilled January - 1964

All measurements made from _____ ft. above ground level.

From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material
		SEE ATTACHMENT			

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION		CASING		SCREEN	
Straight well <input type="checkbox"/>		Type: Old <input type="checkbox"/> New <input checked="" type="checkbox"/>		Type <u>S.S. Wire wrapped</u>	
Under reamed <input checked="" type="checkbox"/>		Cemented from _____ ft. to _____ ft.		Perforated <input type="checkbox"/> Slotted <input type="checkbox"/>	
Gravel packed <input checked="" type="checkbox"/>		Diameter (inches)		Diameter (inches)	
Open hole <input type="checkbox"/>		Setting from (ft) to (ft)		Setting from (ft) to (ft)	
Other _____		SEE ATTACHMENT		SEE ATTACHMENT	

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

Signature _____ **TEXAS WATER WELLS, Inc.**, Reg. No. 166

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

WATER LEVEL AND PUMP DATA

Pumping level			Pump Data	
feet	hours	gpm	type	rate
SEE ATTACHMENT			Pump type <u>Pump not furnished by Texas Water Wells, Inc.</u>	
			Designed pumping rate _____ gpm <input type="checkbox"/> gph <input type="checkbox"/>	
			Type power unit _____	
			Horsepower _____	
			Depth to bowl, cylinder, jet, etc., _____ ft. below pump base.	

Name of contractor testing well or installing permanent pump if other than your company: _____

TEXAS WATER COMMISSION
AUSTIN, TEXAS

65-22-130

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 4 out of 15
State ID: 65-22-130

WATER SUPPLY, DEEP WELLS AND PUMPS

A. E. FAWCETT, JR., PRESIDENT

TEXAS WATER WELLS

INC.



951 MCCARTY DRIVE, HOUSTON 25, TEXAS, PHONE OR-2-7581

February 1964

City of Houston
Scott Street

Date Started 3-6-64
Orifice: 10 x 12
Airline: 2 1/2"
Static Level: 283

Water Well No. 7

PUMPING TEST:

<u>TIME</u>	<u>HEAD IN INCHES</u>	<u>PUMPING LEVEL</u>	<u>G.P.M.</u>
9:30	Started		
10:30	32 1/2"	288°	2800
11:30	32 1/2"	288°	2800
12:30 PM	32 "	288°	2700
1:30	31 1/2"	287°	2700
2:30	31 1/2"	288°	2700
3:30	31 1/2"	288°	2700
4:30	31 1/2"	288°	2700
5:30	31 1/2"	281°	2700
6:30	32 "	281°	2700
7:30	32 "	280°	2700
8:30	32 1/2"	281°	2800
9:30	32 1/2"	281°	2800
10:30	32 "	281°	2800
11:30	32 1/2"	281°	2800
12:30 AM	32 "	282°	2800
1:30	32 "	282°	2800
2:30	32 "	282°	2800
3:30	32 "	281°	2800
4:30	32 1/2"	280°	2800
5:30	32 "	281°	2700
6:30	32 "	281°	2700
7:30	34 "	281°	2870
8:30	34 "	282°	2870
9:30	34 1/2"	282°	2800
10:30	34 1/2"	282°	2800
11:30	34 1/2"	282°	2800
12:30 PM	34 1/2"	282°	2800
1:30	34 1/2"	282°	2800

MEMBER TEXAS WATER WELL DRILLING CONTRACTORS ASSOCIATION

65-22-130

Attach
2 pages
65-22-130



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 5 out of 15
State ID: 65-22-130

February 1964

City of Houston
Scott Street

Page No. 3

Water Well No. 7

PUMPING TEST (cont'd)

<u>TIME</u>	<u>HEAD IN FEET</u>	<u>PUMPING LEVEL</u>	<u>G.P.M.</u>
2:30	34 1/2"	322'	2000
3:30	32 1/2"	322'	2000
4:30	32 1/2"	322'	2000
5:30	32 1/2"	322'	2000
6:30	32 "	322'	2000
7:30	32 "	322'	2000
8:30	34 "	322'	2072
9:30	32 "	322'	2700
10:30	32 "	322'	2700
11:30	32 "	322'	2700
12:30	32 "	322'	2700
1:30	33 "	322'	2000
2:30	33 "	322'	2000
3:30	33 "	322'	2000
4:30	32 "	322'	2700
5:30	33 "	322'	2000
6:30	34 1/2"	322'	2000
7:30	34 "	322'	2004
8:30	35 "	322'	2000
9:30	33 1/2"	321'	2000
Recovery			
5 Min		291'	
10 Min		290'	
15 Min		289	
20 Min		289	
25 Min		288	
30 Min		288	
35 Min		288	

65-22-12

65-22-130

February 1964

City of Houston
Scott Street

Page No. 3

Water Well No. 7

PUMPING TEST (Cont'd)

<u>TIME</u>	<u>HEAD IN INCHES</u>	<u>PUMPING LEVEL</u>	<u>G.P.M.</u>
40		287	
45		287	
50		287	
55		287	
1 Hour		287	
1:10		287	
1:20		287	
1:30		287	
1:40		287	
Started Pump			
12:50		287	2800
1:00	32 1/2	287	2800
2:00	34 1/2	287 1/2	2800

65-22-1d
65-22-130

WATER SUPPLY, DEEP WELLS AND PUMPS

A. E. FAWCETT, JR., PRESIDENT

TEXAS WATER WELLS

INC.



951 MCCARTY DRIVE, HOUSTON 29, TEXAS, PHONE OR-2-7581

January 1964

City of Houston
Scott Street
Houston, Texas

Water Well No. 7

EXTENSIVE DATA

SURFACE CASING:

SET AND CEMENTED IN PLACE 607' of 24" O.D., 312" W.T.

Plain End Line Pipe

SCREEN AND BLANK LINER:

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>
607	700	100' of 12 3/4" Blank Liner
700	720	20' of 12 3/4" Screen
720	750	30' of 12 3/4" Blank Liner
750	770	20' of 12 3/4" Screen
770	840	70' of 12 3/4" Blank Liner
840	860	20' of 12 3/4" Screen
860	875	15' of 12 3/4" Blank Liner
875	930	55' of 12 3/4" Screen
930	965	35' of 12 3/4" Blank Liner
965	975	10' of 12 3/4" Screen
975	985	10' of 12 3/4" Blank Liner
985	1010	25' of 12 3/4" Screen
1010	1055	45' of 12 3/4" Blank Liner
1055	1090	35' of 12 3/4" Screen
1090	1130	40' of 12 3/4" Blank Liner
1130	1150	20' of 12 3/4" Screen
1150	1245	100' of 12 3/4" Blank Liner
1245	1400	55' of 12 3/4" Screen
1400	1485	85' of 12 3/4" Blank Liner

MEMBER TEXAS WATER WELL DRILLING CONTRACTORS ASSOCIATION

65-22-1d
65-22-130

City of Houston
 Scott Street
 Houston, Texas

Water Well No. 7

Setting Data (Cont'd)

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>
1455	1510	55' of 12 3/4" Screen
1510	1530	20' of 12 3/4" Blank Liner
1530	1570	40' of 12 3/4" Screen
1570	1595	25' of 12 3/4" Blank Liner
1595	1690	95' of 12 3/4" Screen
1690	1690	70' of 12 3/4" Blank Liner
1690	1715	25' of 12 3/4" Screen
1715	1725	10' of 12 3/4" Blank Liner

*Last attach
 65-22-1d
 65-22-130*

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 9 out of 15
State ID: 65-22-130

(11-74)

Water Resources Division
Austin, Texas

021401

Latitude Longitude Seq. No.
 294343 095210001
 County code 201 County Harris
 Well # LJ-65-22-130
 Project number 7-4648-01000
 Date 5-17-77 Time - Temp °C 26.0
 Owner City of Houston
 Address SCOTT ST. #7
 Date drld - WBF code 121 Evgl
 Sample interval: (top) 705 (bottom) 1715
 Water level - Appr CLEAR Use PS
 Collector Peters Yield - GPM
 Smpld aftr pmpg on arrival Depth -
 Pt of coll tap on discharge
 Field: Cond - pH - HCO₃ - DO -
 Indicate types of analyses
 Coliform Phenols Minors
 Nutrients MBAS BOD TOC DOC
 acid chem schedule I
 Other -
 Herbicide - Insecticide -
 Remarks:

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	72004			
DO (mg/l)	00300			
DO % Sat.	00301			
Temp °C	00010	2600	02	26.0
pH	00400	7800	01	7.8
Specific conductance	00095	5430	03	543
HCO ₃	00440	2600	03	260
CO ₃	00445	0000	01	0
Chloride (Cl)	00940	3800	02	38
Sulfate (SO ₄)	00945	1500	02	15
Color	00080			
Coliform, membrane filter	31501			
Coliform, fecal	31625			
Strep-tococci	31673			
BOD	00310			

Type Station identification number
 2 294343095210001
 Y M D Time of measurement
 770517
 17 Begin 22 29 32
 Parameter code Value Exp. Rmk
 Depth 72008
 Yield (GPM) 00059
 Sample interval TP 72015 7050 03
 Sample interval BOTTOM 72016 1715 04
 Water level 72019

65-22-130



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 11 out of 15
State ID: 65-22-130

(11-74)

Water Resources Division
Austin, Texas

015092

Latitude 29 43 43 Longitude 0 95 21 0 0 0 1 Seq. No. 0 1

County code 25201 County Harris

Well # LJ-65-22-130

Project number 5-4648-01000

Date 2-4-75 Time _____ Temp °C 26.0

Owner City of Houston

Address Scott St. #7

Date drld 12-63 WBF code 121EVL

Sample interval: (top) 705 (bottom) 1715

Water level _____ Appr _____ Use PS

Collector Naftel Yield _____ GPM

Smpld after pmpg on arrival Depth 1725

Pt of coll Faucet on pipe

Field: Cond _____ pH _____ HCO₃ _____ DO _____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I + 804

Other _____

Herbicide _____ Insecticide _____

Remarks:

Type 2 Station identification number 29 43 43 0 95 21 0 0 0 1

Y M D Time of measurement

75 02 04 _____

Begin 17 22 29 32

Depth Parameter code 7 2 0 0 8 Value 1725 Exp. 0.4 Rmk _____

Yield (GPM) Parameter code 0 0 0 5 9 Value _____ Exp. _____ Rmk _____

Sample interval TOP Parameter code 7 2 0 1 5 Value 7050 Exp. 0.3 Rmk _____

Sample interval BOTTOM Parameter code 7 2 0 1 6 Value 1715 Exp. 0.4 Rmk _____

Water level _____

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	<u>7 2 0 0 4</u>			
DO (mg/l)	<u>0 0 3 0 0</u>			
DO % Sat.	<u>0 0 3 0 1</u>			
Temp °C	<u>0 0 0 1 0</u>	<u>26.00</u>	<u>0.2</u>	
pH	<u>0 0 4 0 0</u>	<u>7.700</u>	<u>0.1</u>	<u>7.1</u>
Specific conductance	<u>0 0 0 9 5</u>	<u>5.320</u>	<u>0.3</u>	<u>53</u>
HCO ₃	<u>0 0 4 4 0</u>	<u>2.520</u>	<u>0.3</u>	<u>25</u>
CO ₃	<u>0 0 4 4 5</u>	<u>0.000</u>	<u>0.1</u>	<u>0</u>
Chloride (Cl)	<u>0 0 9 4 0</u>	<u>3.600</u>	<u>0.2</u>	<u>36</u>
Sulfate (SO ₄)	<u>0 0 9 4 5</u>	<u>1.800</u>	<u>0.2</u>	<u>18</u>
Color	<u>0 0 0 8 0</u>			
Coliform, membrane filter	<u>3 1 5 0 1</u>			
Coliform, fecal	<u>3 1 6 1 6</u>			
Strep-tococci	<u>3 1 6 7 9</u>			
BOD	<u>0 0 3 1 0</u>			

65-22-130

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 12 out of 15
State ID: 65-22-130

Latitude 29 43 43 Longitude 095 21 00 01 Seq. No. 0001

County code 101 County HARRIS

Well # LJ 65-22-130

Project number T4648-01000

Date 9-23-76 Time 1530 Temp °C 28.5

Owner CITY OF HOUSTON

Address SCOTT #7

Date drld 12/14/63 WBF code EVGL

Sample interval: (top) 705 (bottom) 1750

Water level - Appr CLEAR Use PS

Collector BEZANT Yield 1765 GPM

Smpld aftr pmpg ON ARRIVAL Depth -

Pt of coll TAP ON DISCH PIPE

Field: Cond pH HCO₃ DO

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I

Other -

Herbicide - Insecticide -

Remarks:

Type 2 Station identification number 294343095210001

Y M D Time of measurement

7 6 0 9 2 3

17 Begin 22 29 32

Parameter code Value Exp. Rmk

Depth 72008 - - -

Yield (GPM) 00059 - - -

Sample interval TOP 72015 7050 03 -

Sample interval BOTTOM 72016 1750 04 -

Water level 72010 - - -

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	<u>72004</u>	<u>-</u>	<u>-</u>	<u>-</u>
DO (mg/l)	<u>00300</u>	<u>-</u>	<u>-</u>	<u>-</u>
DO % Sat.	<u>00301</u>	<u>-</u>	<u>-</u>	<u>-</u>
Temp °C	<u>00010</u>	<u>28.50</u>	<u>02</u>	<u>28.5</u>
pH	<u>00400</u>	<u>7.800</u>	<u>01</u>	<u>7.8</u>
Specific conductance	<u>00095</u>	<u>5560</u>	<u>03</u>	<u>556</u>
HCO ₃	<u>00440</u>	<u>2720</u>	<u>03</u>	<u>272</u>
CO ₃	<u>00445</u>	<u>0000</u>	<u>01</u>	<u>0</u>
Chloride (Cl)	<u>00940</u>	<u>3500</u>	<u>02</u>	<u>35</u>
Sulfate (SO ₄)	<u>00945</u>	<u>1200</u>	<u>02</u>	<u>12</u>
Color	<u>00080</u>	<u>-</u>	<u>-</u>	<u>-</u>
Coliform, membrane filter	<u>31501</u>	<u>-</u>	<u>-</u>	<u>-</u>
Coliform, fecal	<u>31616</u>	<u>-</u>	<u>-</u>	<u>-</u>
Strep-tococci	<u>31679</u>	<u>-</u>	<u>-</u>	<u>-</u>
BOD	<u>00310</u>	<u>-</u>	<u>-</u>	<u>-</u>

65-22-130

WATER SUPPLY, DEEP WELLS AND PUMPS

A. E. FAWCETT, JR., PRESIDENT

TEXAS WATER WELLS

INC.



January 1964

City of Houston
Scott Street
Houston, Texas

Water Well No. 7

DRILLER'S LOG

<u>FROM</u>	<u>TO</u>	<u>FORMATION</u>
0	0	Rotary to Ground
0	12	Surface
12	212	Red Clay streaked Sand
212	282	Sand & Clay
282	420	Shale
420	490	Sand streaked Shale
490	545	Shale streaked sand
545	604	Sand streaked Shale
604	682	Shale streaked Sand
682	690	Sand
690	708	Shale
708	724	Sand
724	741	Shale
741	805	Sand streaked shale
805	822	Shale
822	854	Sand Streaked Shale
854	900	Shale
900	1011	Sand
1011	1045	Shale
1045	1101	Sand
1101	1114	Shale
1114	1154	Sand
1154	1241	Shale streaked sand

RECEIVED
DEC 21 1964

TEXAS WATER COMMISSION
AUSTIN, TEXAS

MEMBER TEXAS WATER WELL DRILLING CONTRACTORS ASSOCIATION

65-22-1d
65-22-130

**City of Houston
Scott Street
Houston, Texas**

Water Well No. 7

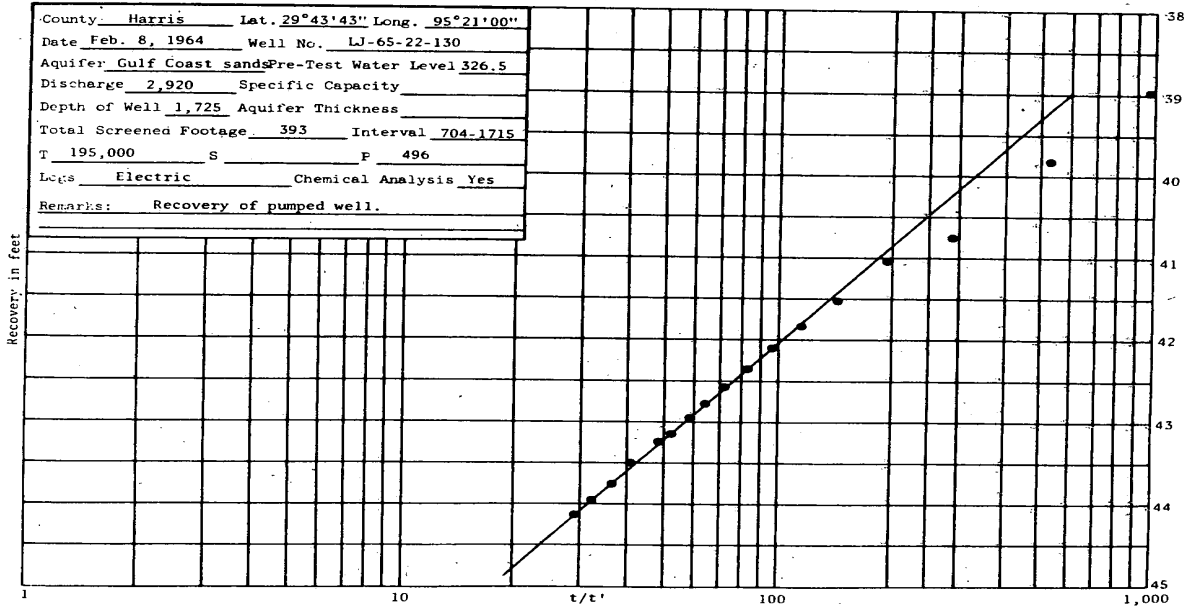
DRILLER'S LOG (Cont'd)

<u>FROM</u>	<u>TO</u>	<u>FORMATION</u>
1341	1439	Sand streaked Shale
1439	1625	Sand
1625	1690	Shale
1690	1745	Sand streaked Shale
1745	1843	Shale
1843	1830	Sand
1830	1873	Sand
1873	2010	Shale streaked Sand

65-22-1d
65-22-130

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 15 out of 15
 State ID: 65-22-130



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 102 Distance from Property: 2.13 mi. S

STATE ID: 65-22-106
OWNER'S NAME: CITY OF HOUSTON SCOTT ST. #5
DATE DRILLED: 11/15/1938
DEPTH DRILLED: 957'
WATER USAGE: UNUSED
LONGITUDE: -95.350370000
LATITUDE: 29.729171000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522106/6522106.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
State ID: 65-22-106

Texas Water Development Board Well Schedule

State Well Number 6522106 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294342 Longitude 952059 Source of Coords 3

Owner's Well No. _____ Location _____
Owner City of Houston Driller Layne Texas Co.
Scott St. #5

Address _____ Tenant/Oper. _____

Date Drilled 11/15/1938 Depth 957 Source of Depth D Altitude 44 Source of Alt. M
Well Type W User 396200

WELL CONSTRUCTION Const-Method Completion Casing Material Blank Screen Material Blank
Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - NONE No. Stages _____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - blank Horsepower - _____
YIELD Flow - _____ GPM Pump _____ GPM Meas., Rept., Est. - _____ Date - _____

WATER USE Primary - UNUSED Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - N Quality - Y Logs - E Other Data - A

WATER LEVELS

Recorded By _____ Date Record Collected or Updated - / /
Reporting Agency 02

REMARKS -
Measured discharge 1770 GPM in 1939. Aquifer test data in TWDB R-98.

Aquifer - 121EVGL ID - 15
EVANGELINE
AQUIFER

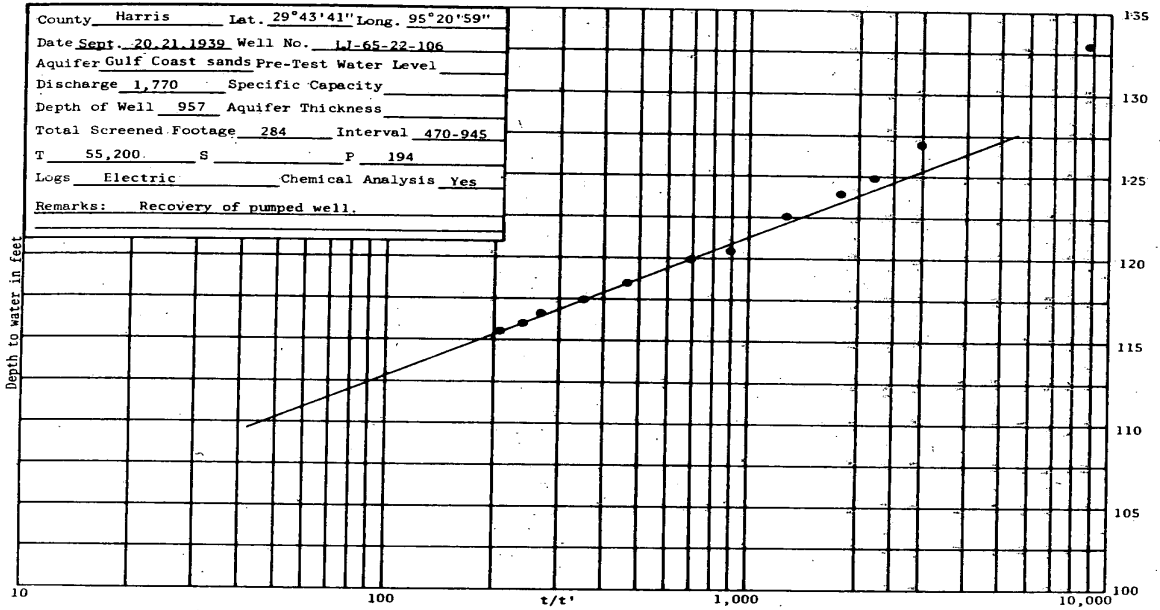
Monday, August 07, 2006

Well Number - 6522106



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 2
 State ID: 65-22-106



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 102 Distance from Property: 2.13 mi. S

STATE ID: 65-22-118
OWNER'S NAME: CITY OF HOUSTON SCOTT STREET #2
DATE DRILLED: 00/00/1926
DEPTH DRILLED: 1521'
WATER USAGE: PLUGGED OR DESTROYED
LONGITUDE: -95.350370000
LATITUDE: 29.729170000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522118/6522118.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-22-118

TEXAS WATER DEVELOPMENT BOARD WELL SCHEDULE

State Well Number - 65 22 118 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 43 45 Longitude - 95 21 04 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4. _____ 1/4. Section _____, Block _____, Survey _____

Owner - City of Houston Driller - Layne Texas
Scott Street #2

Address _____ Tenant/Oper. _____
Date Drilled - / /1926 Depth - 1,521 ft. Source of Depth - Altitude - 45 ft. Source of Alt. - M
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - 396200

WELL CONSTRUCTION	Const. Method - _____	Casing Material - _____	Screen Material - _____	Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) Open Hole (O) Cemented from _____ to _____
	Completion - _____			Diam. (in.) Setting(feet) From To

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages _____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - _____ Horsepower - _____

YIELD Flow- _____ GPM Pump- _____ GPM Meas., Rept., Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM

Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap. - _____ GPM/ft

QUALITY (Remarks- _____)

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILABLE Water Levels- M Quality- Y Logs- Other Data- _____

WATER LEVELS Date- 01/00/1926 Measurement- -22.00
Date- 03/06/1959 Measurement- -225.60

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY

REMARKS -
Screen from 1323 to 1521 ft. Test hole drilled to 1614 ft. Well destroyed. Well 2.

Aquifer - 121EVGL
Well No. - 65 22 118

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 102 Distance from Property: 2.13 mi. S

STATE ID: 65-22-119

OWNER'S NAME: CITY OF HOUSTON SCOTT STREET #1

DATE DRILLED: 00/00/1925

DEPTH DRILLED: 866'

WATER USAGE: UNUSED

LONGITUDE: -95.350371000

LATITUDE: 29.729172000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522119/6522119.pdf>



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WATER UTILITY DATABASE (WUD)

MAP ID# 102 Distance from Property: 2.13 mi. S

PWSID: 1010013
SOURCE ID: G1010013HJ
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1925
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.350280760
LATITUDE: 29.728889470

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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WATER UTILITY DATABASE (WUD)

MAP ID# 102 Distance from Property: 2.13 mi. S

PWSID: 1010013
SOURCE ID: G1010013HK
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1926
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.350830080
LATITUDE: 29.728889470

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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WATER UTILITY DATABASE (WUD)

MAP ID# 102 Distance from Property: 2.13 mi. S

PWSID: 1010013
SOURCE ID: G1010013HO
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1963
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.350555420
LATITUDE: 29.728889470

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 102 Distance from Property: 2.13 mi. S

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294343095210001**

STATION NAME: **LJ-65-22-130**

SITE TYPE: **GW**

LATITUDE: **29.729171000** LONGITUDE: **-95.350369000**

DATE DRILLED: **196312**

WELL DEPTH: **1725 feet**

HOLE DEPTH: **2010 feet**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 102 Distance from Property: 2.13 mi. S

WELL ID: 1096
OWNERS NAME: HOUSTON, CITY OF
YEAR DRILLED: 1963
DEPTH DRILLED: 1725'
STATIC LEVEL: 705'
WATER USAGE: PUBLIC SUPPLY
WELL STATUS: PLUGGED
LONGITUDE: -95.350370000
LATITUDE: 29.729170000
SOURCE: HGSD



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 103 Distance from Property: 2.13 mi. WNW

STATE ID: 65-13-918
OWNER'S NAME: HENKE AND PILLOT
DATE DRILLED: 00/00/1929
DEPTH DRILLED: 571'
WATER USAGE: PLUGGED OR DESTROYED
LONGITUDE: -95.387770000
LATITUDE: 29.768110000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513918/6513918.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-13-918

Texas Water Development Board Well Schedule

State Well Number 6513918 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294606 Longitude 952315 Source of Coords 3

Owner's Well No. Location
Owner: Henke and Pillot Driller: McMasters and Pomeroy

Address Tenant/Oper.

Date Drilled / /1929 Depth 571 Source of Depth Altitude 55 Source of Alt.
Well Type w User

WELL CONSTRUCTION Const-Method Casing Material Blank Screen Material Blank Completion Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from ____ to ____

LIFT DATA - Pump Mfr. - Type - NONE No. Stages
Bowls Diam - in. Setting - ft. Column Diam. - in.
Motor Mfr. - Fuel or Power - blank Horsepower -
YIELD Flow- GPM Pump GPM Meas.,Rept.,Est.- Date-

WATER USE Primary - UNUSED Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - M Quality - Y Logs - Other Data -

WATER LEVELS 2 measurements
1931 to 1948
MIN -110.3 MAX -74.7

Recorded By Date Record Collected or Updated - / /
Reporting Agency

REMARKS -
Screen from 511 to 571 ft. Well destroyed.

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER.LOWER

Wednesday, January 26, 2005

Well Number - 6513918



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WATER UTILITY DATABASE (WUD)

MAP ID# 104 Distance from Property: 2.20 mi. S

PWSID: 1010013
SOURCE ID: G1010013HN
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 11/12/1938
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.349441530
LATITUDE: 29.728055950

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 105 Distance from Property: 2.20 mi. E

WELL ID: 2032
OWNERS NAME: PARKER BROTHERS & CO., INC.
YEAR DRILLED: 1967
DEPTH DRILLED: 382'
STATIC LEVEL: 359'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.316944000
LATITUDE: 29.753611000
SOURCE: HGSD



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 106 Distance from Property: 2.20 mi. NNW

ID NUMBER: TX205317
STATE ID : 65-14-4K
OWNER NAME: C.C. KERN
DATE DRILLED: 05/08/1983
DEPTH DRILLED: 348'
STATIC LEVEL: 98'
WATER USAGE: DOMESTIC
LONGITUDE: -95.359599000
LATITUDE: 29.791758000

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205317

Please use black ink. Send original copy by certified mail to the Texas Department of Water Resources, P. O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT
Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER C. C. Herin (Name) Address 3406 Moore St. Houston TX 77009 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles in _____ direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Public Supply Irrigation Test Well Other

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored Air Rotary Cable Tool Jetted Other

6) WELL LOG:
Date drilled: June 7+8 1983
Diameter of Hole:
Dia. (in.) From (ft.) To (ft.)

5.5	230	230
3.5	230	248

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other Dual String
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material	8) CASING, BLANK PIPE, AND WELL SCREEN DATA:					
			Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From To	Gage Casing Screen	
0	5	Red Clay						
5	24	Yellow clay						
24	28	red sand	4	N	NPIC	12	230	40
28	52	red clay	2 1/2	N	NPIC - slotted	228	248	12
52	74	Blue plyt						
74	101	sandy						
101	145	red sand						
145	162	Blue clay						
162	188	sand						
188	210	red clay						
210	230	Blue clay						
230	248	sand						

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 230 ft. to surf ft.
Method used Hatiburton
Cemented by Self

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 98 ft. below land surface Date June May 8
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc., 142 ft.

14) WELL TESTS:
Type Test: Pump Bailer Jetted Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Johnson's Water Well (Type or Print) Water Well Driller's License No. 1807
ADDRESS 8933 Talcott Ln (Street or RFD) Houston (City) TX (State) 77049 (Zip)
(Signed) [Signature] (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)
Please attach electric log, chemical analysis, and other pertinent information, if available. For TDWR use only: Well No. 65-14-4K Located on map Sec DLP

RECEIVED
JUL - 2 1985

DEPT. OF
WATER RESOURCES

DWR-0392 (12/29/83)

DEPARTMENT OF WATER RESOURCES COPY



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 107 Distance from Property: 2.21 mi. ESE

ID NUMBER: TX170153
STATE ID : 65-22-2C
OWNER NAME: EDGEWOOD LITTLE LEAGUE
DATE DRILLED: 12/29/1964
DEPTH DRILLED: 106'
STATIC LEVEL: NOT REPORTED
WATER USAGE: NOT REPORTED
LONGITUDE: -95.320742000
LATITUDE: 29.744470000

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 170153

FORM N 20

65-22-20

LAYNE TEXAS COMPANY,
HOUSTON -:- DALLAS
WELL LOG

REPORT NO. 7050
S O. 2046-64
PAGE
FILE NO. 2973
DATE

CUSTOMER LOCATION		WELL DATA	
FOR Edgewood Little League		NAME WELL Same	WELL NO. 1
LOCATION WELL Houston, Texas		ELEVATION	DATUM
SURVEY		RT	C
FIELD		TEST HOLE SIZE 6-3/4	TD 106'
COUNTY Harris		DATE STARTED DRILLING	12-29-64
STATE Texas		DATE FINISHED DRILLING	12-29-64
OTHER LAND MARKS		DRILLER C.H. Leneave	LOG NO. 28
		TYPE MUD	NO. SACKS
		ELECTRIC LOG	TYPE
		SURVEY	TYPE
		OTHER	

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES		
			DEPTH	TYPE	NUMBER
0		Surface			
17	17	Clay			
22	5	Red sand			
31	9	Red clay			
45	14	Fine sand			
58	13	Clay			
76	18	Sand gravel			
106	30	Clay			
T.D.					
106'					

170153



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 108 Distance from Property: 2.21 mi. NNW

WELL ID: 2715
OWNERS NAME: GARZA, JULIO
YEAR DRILLED: 1989
DEPTH DRILLED: NOT REPORTED
STATIC LEVEL: NOT REPORTED
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.370654000
LATITUDE: 29.788580000
SOURCE: HGSD



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 109 Distance from Property: 2.24 mi. WNW

ID NUMBER: TX184643
STATE ID : N/A
OWNER NAME: M.R. FATHERS
DATE DRILLED: 05/06/1992
DEPTH DRILLED: 65'
STATIC LEVEL: 32'
WATER USAGE: DOMESTIC
LONGITUDE: -95.389183000
LATITUDE: 29.769198000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 184643

Send original copy by certified mail to: Texas Water Comm., P.O. Box 13087, Austin, Texas 78711 Please use black ink.

ATTENTION OWNER: Confidentiality Privacy Notice on Reverse Side		State of Texas WELL REPORT		Texas Water Well Drillers Board P.O. Box 13087 Austin, Texas 78711	
1) OWNER <u>M.R. FATHERS</u> (Name)		ADDRESS <u>11531 EASTEX FRWY. HOUSTON TEXAS 77093</u> (Street or RFD) (City) (State) (Zip)			
2) LOCATION OF WELL: County <u>HARRIS</u> miles in <u>2</u> direction from <u>HOUSTON</u> (NE, SW, etc.) (Town)					
Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.					
<input type="checkbox"/> LEGAL DESCRIPTION: Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____ Distance and direction from two intersecting section or survey lines _____					
<input checked="" type="checkbox"/> SEE ATTACHED MAP					
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Monitor <input type="checkbox"/> Public Supply <input type="checkbox"/> Irrigation <input type="checkbox"/> Test Well <input type="checkbox"/> Injection <input type="checkbox"/> De-Watering		5) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Air Hammer <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Air Rotary <input type="checkbox"/> Cable Tool <input type="checkbox"/> Other _____	
6) WELL LOG: Date Drilling: <u>5-6</u> 19 <u>92</u> Started <u>5-6</u> 19 <u>92</u> Completed _____ 19____		7) BOREHOLE COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give interval . . . from _____ ft. to _____ ft.			
DIAMETER OF HOLE		8) CASING, BLANK PIPE, AND WELL SCREEN DATA:			
From (ft.) To (ft.) Description and color of formation material		Dia. (In.)		Setting (ft.)	
<u>Surf - 10</u> <u>Sand Fine White</u>		<u>4 1/2</u> Surface <u>65</u>		From To Gage Casting Screen	
<u>10 - 28</u> <u>CLAY WHITE</u>		<u>2" N</u> <u>SCH 40</u> <u>55 ft</u> <u>Casing</u>		<u>55</u> <u>65</u> <u>OSGA</u>	
<u>28 - 41</u> <u>CLAY RED</u>					
<u>41 - 47</u> <u>SAND RED</u>					
<u>47 - 56</u> <u>RED CLAY</u>					
<u>56 - 65</u> <u>SAND BROWN</u>					
9) CEMENTING DATA [Rule 287.44(1)] Cemented from <u>SURF</u> ft. to <u>54</u> ft. No. of Sacks Used <u>8</u> ft. to _____ ft. No. of Sacks Used _____ Method used <u>Pressure</u> Cemented by <u>L.F. HULL</u>					
10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Slab Installed [Rule 287.44(2)(A)] <input checked="" type="checkbox"/> Specified Steel Sleeve Installed [Rule 287.44(3)(A)] <input type="checkbox"/> Pitless Adapter Used [Rule 287.44(3)(B)] <input type="checkbox"/> Approved Alternative Procedure Used [Rule 287.71]					
11) WATER LEVEL: Static level <u>32</u> ft. below land surface Date <u>5-7-92</u> Artesian flow _____ gpm. Date _____					
12) PACKERS: Type Depth <u>2</u> <u>RUBBER</u> <u>55-54</u>					
13) TYPE PUMP: <input type="checkbox"/> Turbine <input checked="" type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowls, cylinder, jet, etc., _____ ft.					
14) WELL TESTS: Type Test: <input checked="" type="checkbox"/> Pump <input type="checkbox"/> Bailor <input type="checkbox"/> Jetted <input type="checkbox"/> Estimated Yield: <u>5</u> gpm with <u>0</u> ft. drawdown after <u>1</u> hrs.					
15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? <u>CLEAN</u> Depth of strata <u>9</u> Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.					
COMPANY NAME <u>L.F. HULL</u> (Type or print)		WELL DRILLER'S LICENSE NO. <u>02044 W</u>			
ADDRESS <u>4933 HARTWICK</u> (Street or RFD)		<u>HOUSTON TEXAS 77093</u> (City) (State) (Zip)			
(Signed) <u>L.F. Hull</u> (Licensed Well Driller)		(Signed) _____ (Registered Driller Trainee)			
Please attach electric log, chemical analysis, and other pertinent information, if available.				For TWC use only: Well No. _____ Located on map _____	

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY

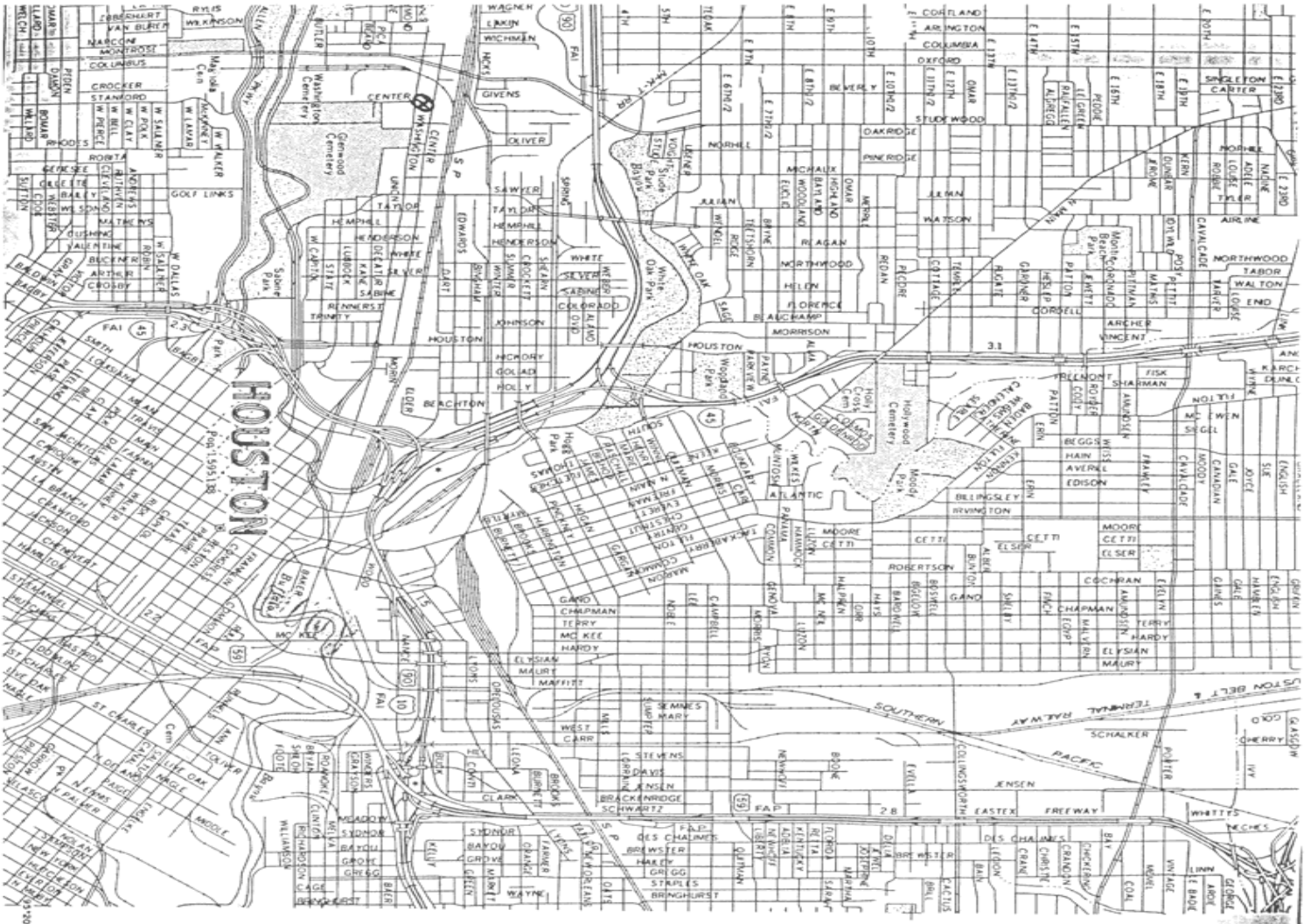


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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2

Water Well ID: 184643



KEY TO SUPPLEMENTARY SHEETS

5366	5367	5368	5369	5370	5371
5466	5467	5468	5469	5470	5471
5566	5567	5568	5569	5570	5571
5666	5667	5668	5669	5670	5671
5767	5768	5769	5770	5771	5772
5868	5869	5870	5871	5872	

NOTICE

This map has been prepared for internal use within the State Department of Highways and Public Transportation. Accuracy is limited to the validity of available data as of dates shown.

Copies of this map are available for public use at nominal cost from the State Department of Highways and Public Transportation, P. O. Box 5051, Austin, Texas 78763.



1987

1980 CENSUS FIGURES

HIGHWAYS REVISED TO SEPTEMBER 1, 1989

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 110 Distance from Property: 2.28 mi. SSW

ID NUMBER: TX204953
STATE ID : 65-22-1
OWNER NAME: BRH GARVER - J HOLLAND
DATE DRILLED: 05/22/1995
DEPTH DRILLED: 40'
STATIC LEVEL: 12'
WATER USAGE: DE-WATERING
LONGITUDE: -95.365226000
LATITUDE: 29.728717000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 204953

Original copy by certified mail to: TNRCC, P.O. Box 7, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: Confidentiality
Privilege Notice on Reverse Side

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER <u>BRN GARVER - J HOLLAND</u> (Name) ADDRESS <u>5402 LAUNDALE HOUSTON TX 77023</u> (Street or RFD) (City) (State) (Zip)				
2) ADDRESS OF WELL: County <u>HARRIS</u> <u>ALABAMA + DELANO HOUSTON TX</u> (Street, RFD or other) (City) (State) (Zip) GRID # <u>65-22-1</u>				
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging	4) PROPOSED USE (Check): <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input checked="" type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No			
6) WELL LOG: Date Drilling: _____ Started <u>5/22/95</u> Completed <u>5/22/95</u>	7) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____			
8) Borehole Completion (Check): <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input checked="" type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give interval ... from <u>15</u> ft. to <u>40</u> ft.				
9) CEMENTING DATA [Rule 338.44(1)] Cemented from <u>0</u> ft. to <u>15</u> ft. No. of sacks used <u>8</u> ft. to _____ ft. No. of sacks used _____ Method used <u>TRIMBLE</u> Cemented by <u>BUSSELL + SON INC</u> Distance to septic system field lines or other concentrated contamination _____ ft. Method of verification of above distance _____				
10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Slab Installed [Rule 338.44(2)(A)] <input checked="" type="checkbox"/> Specified Steel Sleeve Installed [Rule 338.44(3)(A)] <input type="checkbox"/> Pitless Adapter Used [Rule 338.44(3)(b)] <input type="checkbox"/> Approved Alternative Procedure Used [Rule 338.71]				
11) WATER LEVEL: Static level <u>12</u> ft. below land surface Date <u>5/22/95</u> Artesian flow _____ gpm. Date _____				
12) PACKERS: Type Depth				
13) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bows, cylinder, jet, etc., _____ ft.				
14) WELL TESTS: Type test: <input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Jetted <input checked="" type="checkbox"/> Estimated Yield: <u>3</u> gpm with _____ ft. drawdown after _____ hrs.				
15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
From (ft.) To (ft.) Description and color of formation material				
0	10	CLAY		
10	24	SAND		
24	29	CLAY		
29	30	SAND		
30	40	CLAY		
CASING, BLANK PIPE, AND WELL SCREEN DATA:				
Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)	Gage Casting Screen
			From To	
4	N	PVC	0 10	
4	N	PVC SCREENS	10 25	.020
4	N	PVC	25 40	
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.				
COMPANY NAME <u>BUSSELL + SON INC</u> (Type or print)		WELL DRILLER'S LICENSE NO. <u>2035</u>		
ADDRESS <u>PO Box 874</u> (Street or RFD)		<u>Tomball TX 77377-0874</u> (City) (State) (Zip)		
(Signed) <u>Ray Buswell</u> (Licensed Well Driller)		(Signed) _____ (Registered Driller Trainee)		
Please attach electric log, chemical analysis, and other pertinent information, if available.				

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 111 Distance from Property: 2.28 mi. E

WELL ID: 2611
OWNERS NAME: BORDEN, INC. BAMA FOOD PRODUCTS
YEAR DRILLED: 1958
DEPTH DRILLED: 595'
STATIC LEVEL: NOT REPORTED
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.315111000
LATITUDE: 29.764042000
SOURCE: HGSD



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 111 Distance from Property: 2.28 mi. E

STATE ID: 65-14-817
OWNER'S NAME: THE BAMA CO.
DATE DRILLED: 00/00/1958
DEPTH DRILLED: 590'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.315112000
LATITUDE: 29.764038000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514817/6514817.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-817

Texas Water Development Board Well Schedule

State Well Number 6514817 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294549 Longitude 951852 Source of Coords 2

Owner's Well No. Location
Owner The Bama Co. Driller Pomeroy Drilling Co.

Address Tenant/Oper.

Date Drilled / /1958 Depth 590 Source of Depth Altitude 45 Source of Alt.
Well Type W User

WEL CONSTRUCTION Const-Method Casing Material Screen Material Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____
Completion

LIFT DATA - Pump Mfr. - Type - TURBINE PUMP No. Stages
Bowls Diam - in. Setting - ft. Column Diam. - in.
Motor Mfr. - Fuel or Power - ELECTRIC MOTOR Horsepower -
YIELD Flow- GPM Pump GPM Meas., Rept., Est.- Date-

WATER USE Primary - INDUSTRIAL Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - Other Data -

WATER LEVELS 1 measurement
1958
-160

Recorded By Date Record Collected or Updated - 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER, LOWER

Monday, August 02, 2004

Well Number - 6514817


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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 111 Distance from Property: 2.28 mi. E

STATE ID: **65-14-803**
OWNER'S NAME: **THE BAMA CO.**
DATE DRILLED: **00/00/1950**
DEPTH DRILLED: **550'**
WATER USAGE: **INDUSTRIAL**
LONGITUDE: **-95.315109000**
LATITUDE: **29.764036000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514803/6514803.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-803

Texas Water Development Board Well Schedule

State Well Number 6514803 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294549 Longitude 951852 Source of Coords 2

Owner's Well No. Location
Owner The Bama Co. Driller McMasters & Pomeroy

Address Tenant/Oper.

Date Drilled / /1950 Depth 550 Source of Depth Altitude 44 Source of Alt.
Well Type w User

WEL CONSTRUCTION Const-Method Completion Casing Material Screen Material Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from ____ to ____

LIFT DATA - Pump Mfr. - Type - TURBINE PUMP No. Stages
Bowls Diam - in. Setting - ft. Column Diam. - in.
Motor Mfr. - Fuel or Power - ELECTRIC MOTOR Horsepower -
YIELD Flow- GPM Pump GPM Meas.,Rept.,Est.- Date-

WATER USE Primary - INDUSTRIAL Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - Other Data -

WATER LEVELS 1 measurement
1960
-154

Recorded By Date Record Collected or Updated - 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER,LOWER

Monday, August 02, 2004

Well Number - 6514803



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 111 Distance from Property: 2.28 mi. E

ID NUMBER: TX205832
STATE ID : 65-22-3C
OWNER NAME: BAMA FOOD CO
DATE DRILLED: 04/??/1974
DEPTH DRILLED: 667'
STATIC LEVEL: 281'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.315108000
LATITUDE: 29.764027000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205832

2) LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area. e.g. survey abstract.

Information furnished in Section 2) of the IWDSE-CW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.

Formation Log

0*	to	71*	71*
71	"	82	red clay
82		106	red sand
106		133	clay
133		202	sand
202		212	clay
212		253	sand
253		265	clay
265		310	sand
310		320	clay
320		340	sand
340		380	clay
380		405	sand
405		428	clay
428		476	sand
476		498	clay
498		504	sand
504		518	clay
518		525	sand
525		532	clay
532		542	sand
542		560	clay
560		571	sand
571		592	clay
592		596	sand
596		605	clay
605		641	sand
641		647	clay
647		652	sand
652		666	clay
666		667	sand

The screen is Howard Smith pipe based ribbed stainless steel made on 6 5/8" pipe.

Screen Settings	Filter Settings
408* to 428 12 ga.	398* to 408*
480 to 495 12 ga.	428 to 480
505 to 515 12 ga.	495 to 505
540 to 560 14 ga.	505 to 540
570 to 590 12 ga.	560 to 570
641 to 647 12 ga.	590 to 641
	641 to 667*

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Texas Water Development Board

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JUL 31 1974
TEXAS WATER DEVELOPMENT BOARD

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205832

3C

Send original copy by certified mail to the Texas Water Development Board, P. O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TWDB use only
Well No. 205832-3C
Located on map 1725
Received: 7/21/85

1) OWNER:
Person having well drilled: Bama Feed Co (Name) Address: 5501 Clinton Drive Houston (Street or RFD) (City) (State)
Landowner: same (Name) Address: _____ (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County: Harris in Houston miles in _____ direction from _____ (Town)
(N., E., S., W., etc.)
Locate by sketch map showing landmarks, roads, creeks, highway number, etc.*
Well is located at Bama Plant at intersection of Lockwood and Clinton drive in Houston
North
(Use reverse side if necessary)

3) TYPE OF WORK (Check):
New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic Industrial Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6 in. Depth drilled 667 ft. Depth of completed well 667 ft. Date drilled April 74
All measurements made from 3 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
See reverse side		

9) CASING:
Type: Old New Steel Plastic Other
Cemented from 0 ft. to 407 ft.
Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Gauge _____
8 5/8" 0 407 219 wall

10) SCREEN:
Type: Pipe based stain ss steel ribbed
Perforated Slotted
Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Slot Size _____
6 5/8" see reverse side

7) COMPLETION (Check):
 Straight wall Gravel packed Other
 Under reamed Open Hole

8) WATER LEVEL:
Static level 281 ft. below land surface Date April 74
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.
Pump is set 300". column ic water lube 5" x 1 3/16" bowl is layne 14 stage 8" RKHC

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom? _____
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME: B.J. Swinehart (Type or Print) Water Well Drillers Registration No. 229
ADDRESS: 7524 N. Freeway (Street or RFD) Houston (City) Texas 77037 (State)
(Signed) [Signature] (Water Well Driller) B.J. Swinehart & Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 111 Distance from Property: 2.28 mi. E

WELL ID: 2612
OWNERS NAME: BORDEN, INC. BAMA FOOD PRODUCTS
YEAR DRILLED: 1974
DEPTH DRILLED: 667'
STATIC LEVEL: NOT REPORTED
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.315109000
LATITUDE: 29.764040000
SOURCE: HGSD



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 112 Distance from Property: 2.29 mi. NNE

ID NUMBER: TX205261
STATE ID : 65-14-7F
OWNER NAME: OLDS PRESS AND FORGE
DATE DRILLED: 12/20/1974
DEPTH DRILLED: 302'
STATIC LEVEL: 152'
WATER USAGE: DOMESTIC
LONGITUDE: -95.345570000
LATITUDE: 29.792870000

2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205261

end original copy by certified mail to the Texas Water Development Board, P. O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TMDL use only
Well No. 625-14-9F
Located on map 954ES
Received: dlr

1) OWNER:
Person having well drilled Olds Press and Forge Address 3303 Carr St. Houston, TX
(Name) (Street or RFD) (City) (State)

Landowner Same Address Same
(Name) (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris _____ miles in _____ direction from _____
(N.E., S.W., etc.) (Town)

Locate by sketch map showing landmarks, roads, creeks, highway number, etc.*

SEE REVERSE SIDE

North
↑

(Use reverse side if necessary)

OR
Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well Deepening
Reconditioning _____ Plugging _____

4) PROPOSED USE (Check):
Domestic _____ Industrial Municipal _____
Irrigation _____ Test Well _____ Other _____

5) TYPE OF WELL (Check):
Rotary Driven _____ Dug _____
Cable _____ Jetted _____ Bored _____

6) WELL LOG:
Diameter of hole 4 in. Depth drilled 302 ft. Depth of completed well 302 ft. Date drilled 12-20-74
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	24	Surface Clay
24	48	Clay
48	72	Clay and Sand
72	96	Clay
96	120	Clay and Sand Streaks
120	144	Sand and Gravel
144	168	Sand and Clay
168	192	Sand and Gravel
192	216	Sand and Clay
216	240	Clay and Sand
240	264	Sand and Shell
264	302	Sand

9) CASING:
Type: Old _____ New _____ Steel Plastic _____ Other _____
Cemented from _____ ft. to _____ ft.
Diameter (inches) _____ Setting _____ To (ft.) _____ Caps _____

10) SCREEN:
Type: Stainless steel rod base
Perforated Slotted _____
Diameter (inches) _____ Setting _____ To (ft.) _____ Slot Size _____
#12 gauge 292 302
2 1/2" Blank 278 292

7) COMPLETION (Check):
Straight wall Gravel packed _____ Other _____
Under reamed _____ Open Hole _____

8) WATER LEVEL:
Static level 152 ft. below land surface Date 12-20-74
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 283 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes _____ No If yes, by whom? _____
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes _____ No
Did any strata contain undesirable water? Yes _____ No _____
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME R. B. Lowry Water Well Drillers Registration No. 146
(Type or Print)

ADDRESS 4012 Fulton, P.O. Box 8707; Houston, TX 77009
(Street or RFD) (City) (State)

(Signed) R. B. Lowry LOWRY WATER WELLS
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2

Water Well ID: 205261

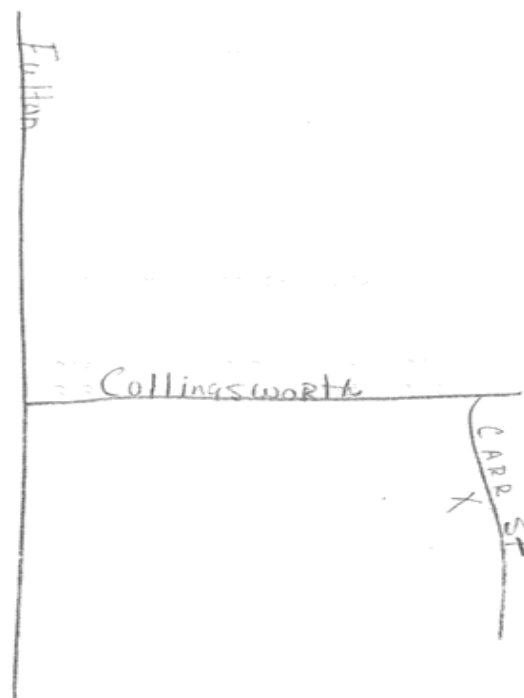
2) LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area, e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-CN-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.



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JAN 27 1975
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DEVELOPMENT BOARD

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MAY 13 1975
Control Records
Texas Water Development Board

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 112 Distance from Property: 2.29 mi. NNE

ID NUMBER: TX205380
STATE ID : 65-14-7C
OWNER NAME: OLD PRESS & FORGE
DATE DRILLED: 05/19/1966
DEPTH DRILLED: 302'
STATIC LEVEL: 145'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.345570000
LATITUDE: 29.792870000
1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205380

AP 04 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TCEQ Well No. 68-74-70 Located on map 6-25 Received: 6-6 Form GW 8 Form GW 9

1) OWNER:
Person having well drilled Olds Press & Forge Address 3303 Carr St. Houston, Tex.
Landowner Same

2) LOCATION OF WELL: County Harris Labor _____ League _____ Abstract No. _____
NW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section _____ Block No. _____ Survey _____
miles in _____ direction from _____ (Town) _____ (City) _____ (State)

LOCATION OF WELL: 3303 Carr St. Houston, Texas.

Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 4" in. Depth drilled 302 ft. Depth of completed well 302 ft. Date drilled 5/19/66
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	From (ft.)	To (ft.)	Description and color of formation material
0	56	Surface & Hard Red Clay	260	262	Sand - Shale
56	64	Fine Broken Red Sand	262	265	Soft Sandy Shale
64	96	Red Clay, Light Sand Breaks	265	272	Sand
96	120	Yellow Clay	272	277	Shale, Sandy
120	154	Yellow Clay, Sand Streaks	277	303	Sand, Good
154	192	Sand, Top Loose			
192	216	Sand & Gravel			
216	260	Red Shale			

(Use reverse side if necessary)

7) COMPLETION (Check):
Straight well Gravel packed Other
Under reamed Open hole

8) WATER LEVEL:
Static level 145 ft. below land surface Date 5/19/66
Artesian pressure _____ lbs. per square inch Date _____

9) CASING:
Type: old New Steel Plastic Other
Cemented from 0 ft. to 279 ft.

10) SCREEN:
Type Stainless
Perforated Slotted

Diameter (inches)	Setting		Gage
	From (ft.)	To (ft.)	
4"	0	277	9 $\frac{1}{2}$ #

Diameter (inches)	Setting		Slot size
	From (ft.)	To (ft.)	
2 $\frac{1}{2}$ "	282	302	.011

11) WELL TESTS:
Was a pump test made? Yes No If yes by whom? _____
Yes with air
Yield: _____ gpm with _____ ft. drawdown after _____ hrs
Bailey test _____ gpm with _____ ft. drawdown after _____ hrs
Artesian flow _____ gpm Date _____
Temperature of water _____
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

12) PUMP DATA:
Manufacturer's Name McDonald Mfg. Co
Type Submersible H.P. 2 HP
Designed pumping rate _____ gpm gph
Type power unit Electric
Depth to bowls, cylinder, jet, etc., 210' ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME R. B. Lowry (Type or Print) Water Well Drillers Registration No. 146
Address 4012 Fulton Street (City) Houston (State) Texas
(Signed) R. B. Lowry (Water Well Driller) LOWRY WATER WELLS (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 112 Distance from Property: 2.29 mi. NNE

STATE ID: 65-14-438
OWNER'S NAME: OLDS PRESS & FORGE CO.
DATE DRILLED: 00/00/1966
DEPTH DRILLED: 302'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.345570000
LATITUDE: 29.792870000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514438/6514438.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-438

Texas Water Development Board Well Schedule

State Well Number 6514438 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294731 Longitude 952043 Source of Coords 2

Owner's Well No. _____ Location _____
Owner Olds Press & Forge Co. Driller Lowry water Wells

Address _____ Tenant/Oper. _____

Date Drilled / /1966 Depth 302 Source of Depth Altitude 54 Source of Alt.
Well Type W User

WELL CONSTRUCTION Const-Method Completion Casing Material Screen Material
Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - SUBMERSIBLE PUMP No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - INDUSTRIAL Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - Other Data -

WATER LEVELS 1 measurement
1966
-145

Recorded By _____ Date Record Collected or Updated - 09/30/2002
Reporting Agency 01

REMARKS -
TWDB R178: Screen from 282 to 302 ft.

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER,LOWER

Thursday, November 30, 2006

Well Number - 6514438



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 113 Distance from Property: 2.31 mi. NE

ID NUMBER: TX205323
STATE ID : 65-14-4E
OWNER NAME: CAROL HARBOR
DATE DRILLED: 05/30/1981
DEPTH DRILLED: 82'
STATIC LEVEL: 48'
WATER USAGE: DOMESTIC
LONGITUDE: -95.331710000
LATITUDE: 29.788084000
2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205323

Send original copy by certified mail to the Texas Department of Water Resources, P. O. Box 13087, Austin, Texas 78711

**State of Texas
WATER WELL REPORT**

For TDWR use only
Well No. 65-144F
Located on map YES
Received: BLW

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Carol Harbor Address 5013 Van Zandt Houston Tex 77093
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL Harris 8 miles in NE direction from Houston
County (N. E., S. W., etc.) (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
 See attached map.

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Public Supply Irrigation Test Well Other _____

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored Air Rotary Cable Tool Jetted Other _____

6) WELL LOG:
Date drilled 5-30-81

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
4	Surface	82

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material	8) CASING, BLANK PIPE, AND WELL SCREEN DATA:					
			Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From To	Gage Casing Screen	
0	22	White Clay						
22	50	Red Clay						
50	61	Scrub	2		Plastic	76	82	10
61	69	Red Clay						
69	82	White Sand						

9) WATER LEVEL:
Static level 48 ft. below land surface Date 6-1-81
Artesian flow _____ gpm. Date _____

10) PACKERS:
Type Depth
3 Rubber 62-65-68

11) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc. 60 ft.

12) WELL TESTS:
 Type Test: Pump Bailer Jetted Estimated
Yield: 5 gpm with 0 ft. drawdown after 2 hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME L.F. HULL Water Well Drillers Registration No. 2044
(Type or Print)

ADDRESS 4933 Hartwick Houston TEX 77093
(Street or RFD) (City) (State) (Zip)

(Signed) L.F. Hull L.F. HULL
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 114 Distance from Property: 2.31 mi. S

STATE ID: 65-22-120

OWNER'S NAME: CITY OF HOUSTON SCOTT STREET #3

DATE DRILLED: 00/00/1928

DEPTH DRILLED: 1350'

WATER USAGE: UNUSED

LONGITUDE: -95.350771000

LATITUDE: 29.726618000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522120/6522120.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
State ID: 65-22-120

Texas Water Development Board Well Schedule

State Well Number 6522120 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294336 Longitude 952103 Source of Coords 3

Owner's Well No. _____ Location _____
Owner City of Houston Driller Layne Texas
Scott Street #3

Address _____ Tenant/Oper. _____

Date Drilled / /1928 Depth 1350 Source of Depth Altitude 45 Source of Alt. M
Well Type W User 396200

WELL CONSTRUCTION Const-Method Casing Material Blank Screen Material Blank Completion Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - NONE No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - blank Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - UNUSED Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - M Quality - Y Logs - Other Data - AC

WATER LEVELS 2 measurements
1928 to 1964
MIN -234.1 MAX -62

Recorded By _____ Date Record Collected or Updated - / /
Reporting Agency 02

REMARKS -
190 ft of screen between 553 and 919 ft. Reported yield 1260 gpm with 76 ft drawdown when drilled. Test hole drilled to 1366 ft. Aquifer test data in TWDB R-98. Well 3.

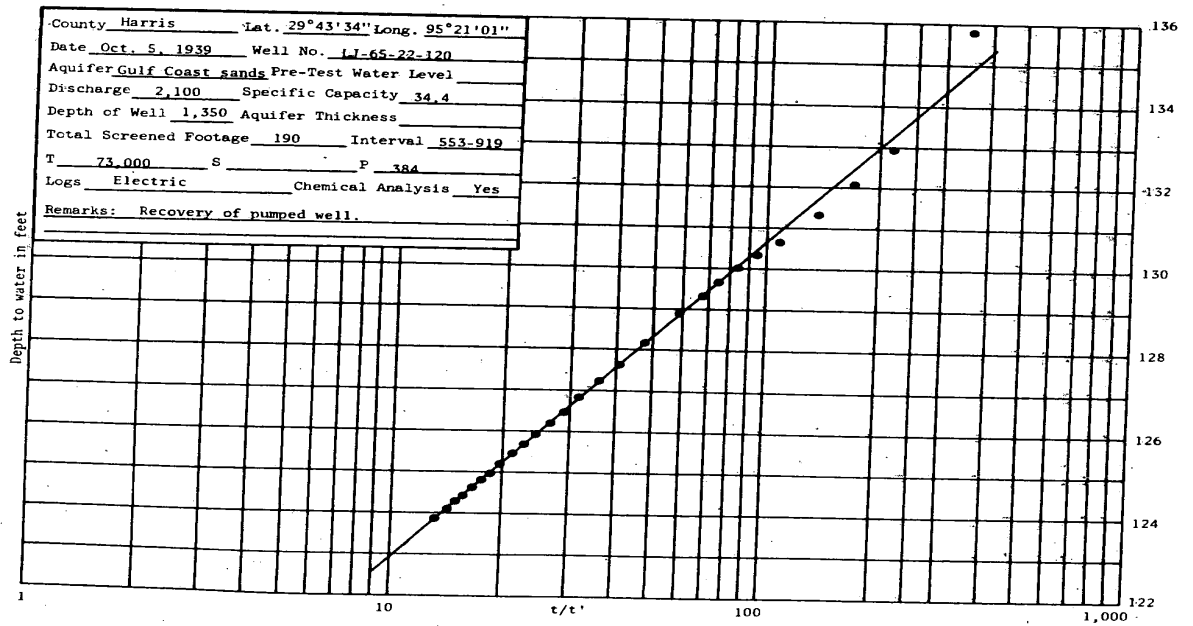
Aquifer - 121EVGL ID - 15
EVANGELINE
AQUIFER

Monday, August 07, 2006

Well Number - 6522120



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- 246 -

WATER UTILITY DATABASE (WUD)

MAP ID# 114 Distance from Property: 2.31 mi. S

PWSID: 1010013
SOURCE ID: G1010013HL
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1928
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.350555420
LATITUDE: 29.726388930

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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WATER UTILITY DATABASE (WUD)

MAP ID# 114 Distance from Property: 2.33 mi. S

PWSID: 1010013
SOURCE ID: G1010013HM
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1931
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.350280760
LATITUDE: 29.726110460

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 114 Distance from Property: 2.33 mi. S

STATE ID: 65-22-121
OWNER'S NAME: CITY OF HOUSTON SCOTT STREET #4
DATE DRILLED: 00/00/1931
DEPTH DRILLED: 1756'
WATER USAGE: PLUGGED OR DESTROYED
LONGITUDE: -95.350496000
LATITUDE: 29.726340000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522121/6522121.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
State ID: 65-22-121

Texas Water Development Board Well Schedule

State Well Number 6522121 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294335 Longitude 952102 Source of Coords 3

Owner's Well No. _____ Location _____
Owner City of Houston Driller Layne Texas
Scott Street #4

Address _____ Tenant/Oper. _____

Date Drilled / /1931 Depth 1756 Source of Depth Altitude 45 Source of Alt. M
Well Type W User 396200

WELL CONSTRUCTION Const-Method Casing Material Blank Screen Material Blank
Completion Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - NONE No. Stages _____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - blank Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas., Rept., Est. - _____ Date- _____

WATER USE Primary - UNUSED Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - M Quality - Y Logs - Other Data - AC

WATER LEVELS 2 measurements
1931 to 1955
MIN -228.1 MAX -58

Recorded By _____ Date Record Collected or Updated - / /
Reporting Agency

REMARKS -
265 ft of screen between 1030 and 1750 ft. Reported yield 1880 gpm with 36 ft drawdown when drilled. Test hole drilled to 2145 ft. Aquifer test data in TWDB R-98. Well 4, destroyed.

Aquifer - 121EVGL ID - 15
EVANGELINE
AQUIFER

Monday, August 07, 2006

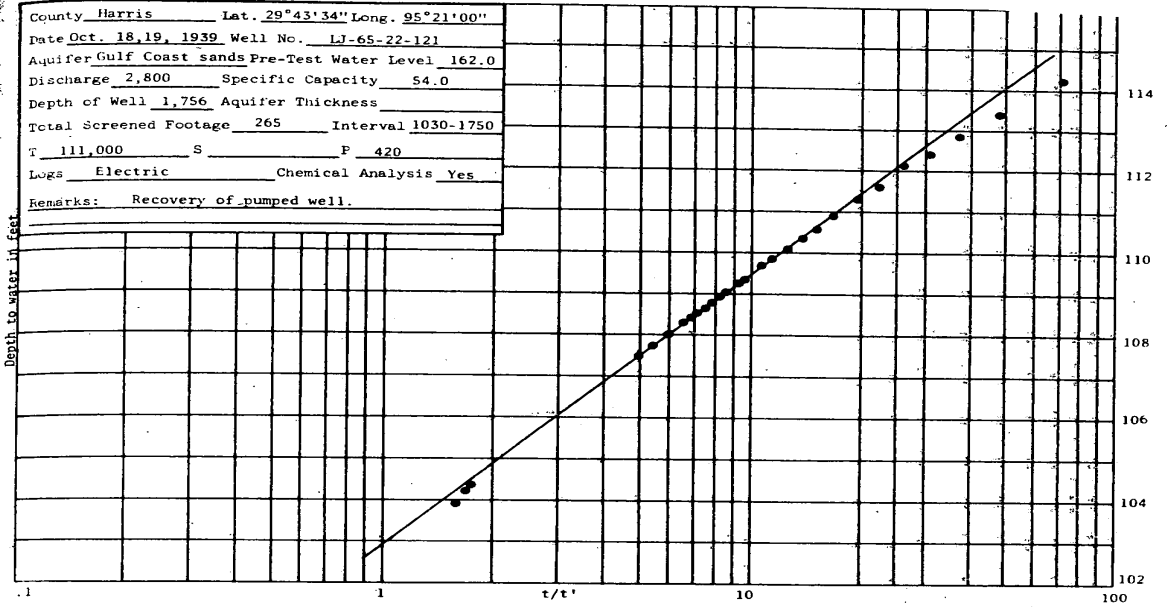
Well Number - 6522121



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 2
 State ID: 65-22-121



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 115 Distance from Property: 2.31 mi. W

STATE ID: **65-13-944**
OWNER'S NAME: **CITY OF HOUSTON CENTRAL #22**
DATE DRILLED: **01/22/1966**
DEPTH DRILLED: **1644'**
WATER USAGE: **PUBLIC SUPPLY**
LONGITUDE: **-95.391830000**
LATITUDE: **29.762060000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513944/6513944.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 15
State ID: 65-13-944

WRD Exp. (GW)
April 1966

Well No. WT-65-13-944

WELL SCHEDULE

GEOLOGICAL SURVEY

U. S. DEPT. OF THE INTERIOR

WATER RESOURCES DIVISION

MASTER CARD

Record by McAdeo Source of data TWDB Date 10-18-66 Map Houston Heights 1955
 State Texas County Harris Sequential number: 1
 Latitude: 29° 45' 41" N Longitude: 09° 52' 29" W
 Local well number: WT-65-13-944 Other number: C-22
 Local use: _____ Owner or name: City of Houston
 Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist M
 Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Mad, Ind, P S, Rec, Stock, Instat, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P
 Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed W
 DATA AVAILABLE: Well data 1 Freq. W/L meas.: Annual Field aquifer char. _____
 Hyd. lab. data: _____
 Qual. water data; type: _____
 Freq. sampling: 3-12-66 Pumpage inventory: A yes/no period: _____
 Aperture cards: _____ yes/no
 Log data: Drillers Log (0-1915) E-Log T-44

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1644 ft. Meas. cap. Driller
 Depth cased: 700 ft. Casing type: S Diam. 24-14 in.
 Finish: porous gravel v. concrete, gravel w. (perf.), horix. open (screen), gallery, and. 9
 Method: air bored, cable, dug, hyd. jerted, air reverse trenching, driven, drive wash, other H
 Drilled: rot., percussive, rotary, other _____
 Date Drilled: 3-8-66 Pump intake setting: _____ ft.
 Driller: Loyac Texas Co. Houston, Texas
 Lift (type): air, bucket, cent. jet, multiple, multiple, nose, piston, rot, submerg, turb, other 7 Shallow D
 Power (type): diesel, gas, gasoline, hand, gas, wind; E.P. 5 Trans. or meter no. _____
 Descrip. MP Meas. Pipe +9.5 ft above below LSD. Alt. MP _____
 Alt. LSD: 32 Accuracy: Topo 5'
 * Water Level 334.58 ft above below MP; Ft above below LSD 3.34 Accuracy: Meas.
 Date meas: 9-30-68 Yield: 2160 gpm 2160 Method determined _____
 Drawdown: 40.3 ft Accuracy: Meas Pumping period 18 hr 18
 QUALITY OF WATER DATA: Iron ppm _____ Sulfate ppm _____ Chloride ppm _____ Hard. ppm _____
 Sp. Conduct _____ K x 10⁶ Temp. _____ F _____
 Taste, color, etc. one hr. static.

379.4
339.4
40.3

Q606

Well No. WT-65-13-944

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 15
State ID: 65-13-944

Well No. LJ-65-13-944

Latitude-longitude 29, 45, 41 [Ⓝ] 095, 23, 29.1

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: coastal Plain Section: 03

Drainage Basin: E Subbasin: S11R

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series T aquifer, formation, group E

Lithology: _____ Origin: _____ Thickness: _____ ft

Length of well open to: 473 ft Depth to top of: 473 ft

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: * 700-1630 14" 35WV 04590

Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

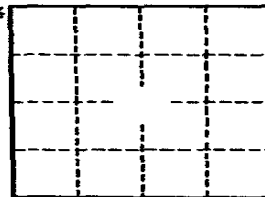
Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: 150,000 spd/ft Coefficient Storage: _____

Coefficient Fern: _____ spd/ft²; Spec cap: 53.6 spm/ft; Number of geologic cards: _____

- * SCREEN
- 699.8 - 739.4
- 749.7 - 779.5
- 799.8 - 819.5
- 885. - 719.6
- 974.9 - 599.7
- 1099.9 - 1134.4
- 1149.9 - 1179.5
- 1199.9 - 1254.7
- 1270.1 - 1330
- 1355.3 - 1390
- 1410.3 - 1450.1
- 1500.4 - 1540
- 1600.4 - 1630

CSG:
24" - 0-700' cent
14" 525-1644'
30" underreamed
Gravel Wall.



Well No. LJ-65-13-944

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

017562

LA-730
(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

Latitude 74541 Longitude 095232901 Seq. No. 01

County code 201 County Harris

Well # LJ-65-13-944

Project number 4648-01000

Date 2-11-76 Time — Temp °C 27.0

Owner City of Houston

Address Central C-22

Date drld — WBF code 121 EVGL

Sample interval: (top) 200 (bottom) 1630

Water level — Appr clear Use PS

Collector Wattel Yield — GPM

Smpld atr pmpg on arrival Depth —

Pt of coll top on discharge

Field: Cond — pH — HCO₃ — DO —

Indicate types of analyses

Coliform Phenols Minors
Bacteria MBAS BOD TOC DOC
Std chem schedule I

Other —

Herbicide — Insecticide —

Remarks: —

Type 2 Station identification number 294541095232901

Y 76 M 02 D 11 Time of measurement —

Depth Parameter code 72008 Value — Exp. — Rmk —

Yield (GPM) 00059 — — —

Sample interval 72015 7000 03 —

Sample interval BOTTOM 72016 1630 04 —

Water level 72019 — — —

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	<u>72004</u>	<u>—</u>	<u>—</u>	<u>—</u>
DO (mg/l)	<u>00300</u>	<u>—</u>	<u>—</u>	<u>—</u>
DO % Sat.	<u>00301</u>	<u>—</u>	<u>—</u>	<u>—</u>
Temp °C	<u>00010</u>	<u>2700</u>	<u>02</u>	<u>27.0</u>
pH	<u>00400</u>	<u>8000</u>	<u>01</u>	<u>8.0</u>
Specific conductance	<u>00095</u>	<u>5190</u>	<u>03</u>	<u>519</u>
HCO ₃	<u>00440</u>	<u>2530</u>	<u>03</u>	<u>253</u>
CO ₃	<u>00445</u>	<u>0000</u>	<u>01</u>	<u>0</u>
Chloride (Cl)	<u>00940</u>	<u>3400</u>	<u>02</u>	<u>34</u>
Sulfate (SO ₄)	<u>00945</u>	<u>1400</u>	<u>02</u>	<u>14</u>
Color	<u>00080</u>	<u>—</u>	<u>—</u>	<u>—</u>
Coliform, membrane filter	<u>31501</u>	<u>—</u>	<u>—</u>	<u>—</u>
Coliform, fecal	<u>31616</u>	<u>—</u>	<u>—</u>	<u>—</u>
Strep-tococci	<u>31679</u>	<u>—</u>	<u>—</u>	<u>—</u>
BOD	<u>00310</u>	<u>—</u>	<u>—</u>	<u>—</u>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 4 out of 15
State ID: 65-13-944

(11-74)

Water Resources Division
Austin, Texas

020000

Latitude	Longitude	Seq. No.
294541	095232901	
County code 45 201 County <u>Harris</u>		
Well # <u>25-65-13-944</u>		
Project number <u>S-4648-01000</u>		
Date <u>2-13-75</u>	Time	Temp °C <u>26.0</u>
Owner <u>City of Houston</u>		
Address <u>Central #22</u>		
Date drld <u>3-8-66</u>	WBF code <u>1.2/EVCL</u>	
Sample interval:(top) <u>700</u> (bottom) <u>1630</u>		
Water level	Appr	Use <u>PS</u>
Collector <u>Nafel</u>	Yield	GPM
Smpld aftr pmpg on arrival Depth <u>1644</u>		
Pt of coll <u>faucet on pipe</u>		
Field: Cond	pH	HCO ₃ DO
Indicate types of analyses		
Coliform	Phenols	Minors
Nutrients	MBAS	BOD TOC DOC
Std chem schedule <u>I + SO₄</u>		
Other		
Herbicide	Insecticide	
Remarks:		

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	7,2,0,0,4			
DO (mg/l)	0,0,3,0,0			
DO % Sat.	0,0,3,0,1			
Temp °C	0,0,0,1,0	26.00	0.02	
pH	0,0,4,0,0	7.500	0.1	7.5
Specific conductance	0,0,0,9,5	5030	0.3	50?
HCO ₃	0,0,4,4,0	2400	0.3	240
CO ₃	0,0,4,4,5	0000	0.1	0
Chloride (Cl)	0,0,9,4,0	3300	0.2	33 ^{up 3}
Sulfate (SO ₄)	0,0,9,4,5	1600	0.2	16
Color	0,0,0,8,0			
Coliform, membrane filter	3,1,5,0,1			
Coliform, fecal	3,1,6,1,6			
Strep-tococci	3,1,6,7,9			
BOD	0,0,3,1,0			

Type	Station identification number														
2	2	9	4	5	4	1	0	9	5	2	3	2	9	0	1
1															
	Y	M	D	Time of measurement											
	7	5	0	2	1	3									
	17		22	29		32									
Depth	Parameter code	Value	Exp.	Rmk											
	7,2,0,0,8	1644	0.4												
Yield (GPM)	0,0,0,5,9														
Sample interval TOP	7,2,0,1,5	7000	0.3												
Sample interval BOTTOM	7,2,0,1,6	1630	0.4												

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

019978

Austin, Texas

Latitude 29 45 41 Longitude 09 52 32 9 01 Seq. No. 01

County code 101 County HARRIS

Well # LJ 65-13-944

Project number T4648-01000

Date 9-23-76 Time 1000 Temp °C 27.0

Owner CITY OF HOUSTON

Address CENTRAL #22

Date drld 3-08-66 WBF code EVGL

Sample interval: (top) 700 (bottom) 1630

Water level 400.67 Appr CLEAN Use PS

Collector BEZANT Yield - GPM

Smpld aftr pmpg ON ARRIVAL Depth -

Pt of coll TAP ON DISCHARGE

Field: Cond - pH - HCO₃ - DO -

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

d chem schedule I

Other -

Herbicide - Insecticide -

Remarks: -

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	72004			
DO (mg/l)	00300			
DO % Sat.	00301			
Temp °C	00010	27.00	02	27.0
pH	00400	7.800	01	7.8
Specific conductance	00095	5000	03	500
HCO ₃	00440	2640	03	264
CO ₃	00445	0000	01	0
Chloride (Cl)	00940	3300	02	33
Sulfate (SO ₄)	00945	1400	02	14
Color	00080			
Coliform, membrane filter	31501			
Coliform, fecal	31616			
Strep-tococci	31679			
BOD	00310			

Type 2 Station identification number 29 45 41 09 52 32 9 01

Y 7 M 6 D 09 Time of measurement 23

17 Begin 22 29 32

Depth	Parameter code	Value	Exp.	Rmk
	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	7000	03	
Sample interval BOTTOM	72016	1630	04	
Water level	72019			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 6 out of 15
State ID: 65-13-944

020974

Water Resources Division
Austin, Texas

Latitude 29 45 41 Longitude 095 23 29 01 Seq. No. 01

County code 201 County HARRIS

Well # LJ-65-13-944

Project number 7-4648-01000

Date 2-10-77 Time — Temp °C 27.0

Owner CITY OF HOUSTON

Address CENTRAL C-22

Date drld — WBF code 121 Evgl —

Sample interval:(top) 700 (bottom) 1630

Water level — Appr CLEAR Use PS

Collector D. BUTLER Yield — GPM

Smpld aftr pmpg — Depth —

Pt of coll TAP ON DISCHARGE

Field: Cond — pH — HCO₃ — DO —

Indicate types of analyses

Coliform — Phenols — Minors —

Nutrients — MBAS — BOD — TOC — DOC —

Std chem schedule —

Other I

Herbicide — Insecticide —

Remarks:

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	7,2,0,0,4			
DO (mg/l)	0,0,3,0,0			
DO % Sat.	0,0,3,0,1			
Temp °C	0,0,0,1,0	27,0,0	0,2	27.0
pH	0,0,4,0,0	7,8,0,0	0,1	7.8
Specific conductance	0,0,0,9,5	5,2,1,0	0,3	52
HCO ₃	0,0,4,4,0	2,5,0,0	0,3	25
CO ₃	0,0,4,4,5	0,0,0,0	0,1	0
Chloride (Cl)	0,0,9,4,0	3,7,0,0	0,2	37
Sulfate (SO ₄)	0,0,9,4,5	1,1,0,0	0,2	11
Color	0,0,0,8,0			
Coliform, membrane filter	3,1,5,0,1			
Coliform, fecal	3,1,6,1,6			
Strep-tococci	3,1,6,7,9			
BOD	0,0,3,1,0			

Type 2 Station identification number 29 45 41 095 23 29 01

Y — M — D — Time of measurement —

17 Begin 22 29 32

Depth	Parameter code	Value	Exp.	Rmk
	7,2,0,0,8			
Yield (GPM)	0,0,0,5,9			
Sample interval TOP	7,2,0,1,5	7,0,0,0	0,3	
Sample interval BOTTOM	7,2,0,1,6	1,6,3,0	0,4	
Water level	7,2,0,1,9			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 7 out of 15
State ID: 65-13-944

FORM NO. 1202

LAYNE TEXAS COMPANY
HOUSTON -:- DALLAS
MATERIAL SETTING

REPORT NO. 7271
S. O. 2099-65
PAGE 1 OF 2
FILE NO. 3073
DATE 3-8-66

CUSTOMER LOCATION		WELL DATA	
FOR	City of Houston	NAME WELL	Central WELL NO 22
LOCATION WELL	Allen Parkway	ELEVATION	DATUM
SURVEY	FIELD	TYPE WELL	Gravel Wall
COUNTY	Harris STATE Texas	SURFACE CASING CEMENTED	Yes NO. SACKS 850 8% gel
OTHER LAND MARKS	Across the street from old Sears store.	SIZE HOLE UNDERREAMED	DEPTH 680'-1645'
		GRAVEL TYPE	112, 113, 165 NO. CU. YDS 400
		TYPE SCREEN	S.S.W.W. Barlug PAGE .045
		DRILLER	L.S. Luthringer NO. 4
		OTHER	E. A. Dykes & Clovis Brewer

DEPTH	LENGTH	SIZE, KIND, WEIGHT MATERIAL	SKETCH
+1		24" O. D. Surface Casing 1' above ground Surface	
0		Top of 14" O. D. Liner	
525		32" O. D. Conductor Pipe	
57	57	24" O. D. Surface Casing .375 Wall	
595	596	14" O. D. Blank Liner 54.57#	
700.77	175.77	14" O. D. S.S.W.W. Barlug Screen .045 ga.	
708.16	7.39	14" O. D. Blank Pipe	
710.48	2.32	14" O. D. S.S.W.W. Barlug Screen .045 ga.	
740.44	29.96	14" O. D. Blank Pipe	
750.79	10.35	14" O. D. S.S.W.W. Barlug Screen .045 ga.	
780.49	29.70	14" O. D. Blank Pipe	
800.83	20.34	14" O. D. S.S.W.W. Barlug Screen .045 ga.	
820.53	19.70	14" O. D. Blank Pipe	
885.95	64.42	14" O. D. S.S.W.W. Barlug Screen .045 ga.	
920.65	34.70	14" O. D. Blank Pipe	
975.94	55.29	14" O. D. S.S.W.W. Barlug Screen .045 ga.	
1000.67	24.73	14" O. D. Blank Pipe	
1100.86	100.19	14" O. D. S.S.W.W. Barlug Screen .045 ga.	
1135.44	34.58	14" O. D. Blank Pipe	
1150.89	15.45	14" O. D. S.S.W.W. Barlug Screen .045 ga.	
1180.54	29.65	14" O. D. Blank Pipe	
1200.89	20.35	14" O. D. S.S.W.W. Barlug Screen .045 ga.	
1238.65	37.76	14" O. D. Blank Pipe	
1241.07	2.42	14" O. D. S.S.W.W. Barlug Screen .045 ga.	
1255.74	14.67	14" O. D. Blank Pipe	
1271.13	15.39	14" O. D. S.S.W.W. Barlug Screen .045 ga.	
1308.90	37.77	14" O. D. Blank Pipe	

65-13-944
65-1390

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 8 out of 15
State ID: 65-13-944

FORM NO. 1202

LAYNE TEXAS COMPANY
HOUSTON -- DALLAS
MATERIAL SETTING

REPORT NO. 7271
S. O. 2099-65
PAGE 2 OF 2
FILE NO. 3073
DATE 3-8-66

CUSTOMER LOCATION		WELL DATA	
FOR	City of Houston	NAME WELL	Central WELL NO. 22
LOCATION WELL	Allen Parkway	ELEVATION	DATUM
SURVEY	FIELD	TYPE WELL	Gravel Wall
COUNTY	Harris STATE Texas	SURFACE CASING CEMENTED	Yes NO. BAGS 850487 gel
OTHER LAND MARKS	Across the street from old Sears store	SIZE HOLE UNDERREAMED	30 DEPTH 680-1645'
		GRAVEL TYPE	12, 113, 165 NO. CU. YDS 400
		TYPE SCREEN	13 1/2 S.S.W.W. barlug .045
		DRILLER	L.S. Luthringer NO 4
		OTHER	E. A. Dykes & Clovis Brewer

DEPTH	LENGTH	SIZE, KIND, WEIGHT MATERIAL	SKETCH
1311.34	2.44	14" O.D. Blank Pipe	
1331.05	19.71	14" O.D. S.S.W.W. Barlug Screen .045 ga.	
1356.33	25.28	14" O.D. Blank Pipe	
1391.02	34.69	14" O.D. S.S.W.W. Barlug Screen .045 ga.	
1411.31	20.29	14" O.D. Blank Pipe	
1429.88	18.57	14" O.D. S.S.W.W. Barlug Screen .045 ga.	
1431.28	1.40	14" O.D. Blank Pipe	
1450.12	18.84	14" O.D. S.S.W.W. Barlug Screen .045 ga.	
1500.41	50.29	14" O.D. Blank Pipe	
1509.40	8.99	14" O.D. S.S.W.W. Barlug Screen	
1511.74	2.34	14" O.D. Blank Pipe	
1540.05	28.31	14" O.D. S.S.W.W. Barlug Screen	
1600.41	60.36	14" O.D. Blank Pipe	
1630.00	29.59	14" O.D. S.S.W.W. Barlug Screen .045 ga.	
1642.36	12.36	14" O.D. Blank Pipe	
1644.70	2.34	14" O.D. Set Nipple & Back Pressure Valve	
TOTAL DEPTH:		1644.70'	
413.64 of 1-1/4 pipe welded on outside of 24" O.D. surface casing extending 2' above ground for measuring line. 11 Spring guides on 14" O.D. liner.			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 9 out of 15
State ID: 65-13-944

LAYNE TEXAS COMPANY,
HOUSTON -- DALLAS
WATER WELL TEST

REPORT NO. 7288
S. O. 2099-65
PAGE 1 of 3
FILE NO. 3073
DATE 3-25-66

CUSTOMER LOCATION TEST FOR City of Houston LOCATION OF WELL Allen Parkway SURVEY FIELD COUNTY Harris STATE Texas DESCRIPTION OF LAND MARKS				WELL DATA NAME WELL WELL NO. C-#22 ELEVATION DATUM WELL SIZE 32x24 x 14 x 30" U.R. TOTAL DEPTH 1645' TOP SCREEN 700.77 GRAVEL WELL Yes STRAIGHT WELL TYPE SCREEN SSWW Barlog .045 TEMPERATURE OF WATER WATER CONDITION Clear				
WATER MEASURING DEVICE ORIFICE SIZE 10 x 12 LENGTH 5 OTHER				TEST PUMP DATA DEPTH SETTING TOP OF BOWL 400 LENGTH AIR LINE 400 SIZE TYPE BOWL RKC NO. STAGES 4 LENGTH BOWL SUCTION LT. No				
SAND CONTENT OZ. PER 100 GAL. ACTIVE STATIC HEAD AFTER PUMP STOPPED 5 MIN. 292.85T. 20 MIN. 290.18 10 MIN. 291.39T. 25 MIN. 289.83 15 MIN. 290.57T. 30 MIN. 289.45		WATER SAMPLE TAKEN Yes NO. SAMPLES 1 BACTERIOLOGICAL SAMPLE TAKEN DRAWDOWN SPECIFIC CAPACITY						
DATE HOUR	AIR LINE GAGE	PUMPING LEVEL	DISCH. PRESS.	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
3-15-66	Started	48 hr.	test at	8:15 am				Sand
9:15	66	339		31.5	2759			1/4 oz. trace
10:15	59	341		33.5	2850			"
11:15	59	341		33.5	2850			"
12:15	60	340		32.0	2782			"
1:15	59	341		32.0	2782			"
2:15	59	341		31.5	2759			"
3:15	59	341		31.0	2736			"
4:15	59	341		31.5	2759			"
5:15	58	342		31.0	2736			"
6:15	57	343		32.0	2782			"
7:15	56	344		33	2828			"
8:15	56	344		32.5	2805			"
9:15	56	344		33	2828			
10:15	56	344		33.5	2850			
11:15	55	345		34	2873			
12:15	55	345		34	2873			
1:15	55	345		34	2873			
2:15	55	345		34	2873			
3:15	55	345		34	2873			
4:15	55	345		34	2873			
5:15	55	345		34	2873			
6:16	55	345		34	2873			
7:15	55	345		34	2873			
8:15	55	345		34	2873			

OBSERVERS

FOR OWNER

FOR LAYNE TEXAS CO.

FORM NO. 28



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 10 out of 15
State ID: 65-13-944

LAYNE TEXAS COMPANY,
HOUSTON -:- DALLAS
WATER WELL TEST

REPORT NO. 7288
S. O. 2099-65
PAGE 2 of 3
FILE NO. 3073
DATE 3-25-66

CUSTOMER LOCATION TEST FOR City of Houston LOCATION OF WELL Allen Parkway SURVEY FIELD COUNTY Harris STATE Texas DESCRIPTION OF LAND MARKS		WELL DATA NAME WELL WELL NO. C-#22 ELEVATION DATUM WELL SIZE 32 x 24 x 14 x 30" U.R. TOTAL DEPTH 1645' TOP SCREEN 700.77 GRAVEL WELL Yes STRAIGHT WELL TYPE SCREEN SSWW Barlog [®] .045 TEMPERATURE OF WATER WATER CONDITION Clear	
WATER MEASURING DEVICE ORIFICE SIZE 10 x 12 LENGTH 5 OTHER		TEST PUMP DATA DEPTH SETTING TOP OF BOWL 400 LENGTH AIR LINE 400 SIZE TYPE BOWL NO. STAGES 4 LENGTH BOWL SUCTION LT. No	
SAND CONTENT OZ. PER 100 GAL. ACTIVE STATIC HEAD AFTER PUMP STOPPED 5 MIN 292.85 FT. 20 MIN 290.18 FT. 10 MIN 291.35 FT. 25 MIN 289.80 FT. 15 MIN 290.57 FT. 30 MIN 289.45 FT.		WATER SAMPLE TAKEN Yes NO. SAMPLES 1 BACTERIOLOGICAL SAMPLE TAKEN DRAWDOWN SPECIFIC CAPACITY	

DATE HOUR	AIR LINE GAGE	PUMPING LEVEL	DISCH. PRESS.	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
3-16-66								
9:15	55	345		34	2873			
10:15	55	345		34	2873			
11:15	55	345		34	2873			
12:15	55	345		34	2873			
1:15	55	345		34	2873			
2:15	55	345		34	2873			
3:15	55	345		34	2873			
4:15	56	344		32.5	2805			
5:15	56	344		32.5	2805			
6:15	54	346		34.5	2896			
7:15	54	346		34.5	2896			
8:15	54	346		34.5	2896			
9:15	53	347		35.5	2941			
10:15	53	347		35.5	2941			
11:15	53	347		35.5	2941			
12:15 MN	53	347		35.5	2941			
1:15	53	347		35.5	2941			
2:15	53	347		35.5	2941			
3:15	53	347		35.5	2941			
4:15	53	347		35.5	2941			
5:15	53	347		35.5	2941			
6:15	53	347		35.5	2941			
7:15	53	347		35.5	2941			
8:15	53	347		35.5	2941			

OBSERVERS

FOR OWNER

FOR LAYNE TEXAS CO.

FORM NO. 25

65-13-944
65-13-96



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 11 out of 15
State ID: 65-13-944

LAYNE TEXAS COMPANY,
HOUSTON -:- DALLAS
WATER WELL TEST

REPORT NO. 7288
S. O. 2099-65
PAGE 3 of 3
FILE NO. 3073
DATE 3-25-66

CUSTOMER LOCATION TEST FOR City of Houston LOCATION OF WELL Allen Parkway SURVEY FIELD COUNTY Harris STATE Texas DESCRIPTION OF LAND MARKS				WELL DATA NAME WELL WELL NO. C-#22 ELEVATION DATUM WELL SIZE 32 x 24 14 x 30" UR TOTAL DEPTH 1645' TOP SCREEN 700.77 GRAVEL WELL Yes STRAIGHT WELL TYPE SCREEN SSWW Barlug [®] .045 TEMPERATURE OF WATER WATER CONDITION Clear				
WATER MEASURING DEVICE ORIFICE SIZE 10 x 12 LENGTH 5 OTHER				TEST PUMP DATA DEPTH SETTING TOP OF BOWL 400 LENGTH AIR LINE 400 SIZE TYPE BOWL RKHC NO. STAGES 4 LENGTH BOWL SUCTION LT. No				
SAND CONTENT OZ. PER 100 GAL. ACTIVE STATIC HEAD AFTER PUMP STOPPED 5 MIN 292.85 FT. 20 MIN 290.18 FT. 10 MIN 291.35 FT. 25 MIN 289.82 FT. 15 MIN 290.57 FT. 30 MIN 289.45 FT.				WATER SAMPLE TAKEN Yes NO. SAMPLES 1 BACTERIOLOGICAL SAMPLE TAKEN DRAWDOWN SPECIFIC CAPACITY				
DATE HOUR	AIR LINE GAGE	PUMPING LEVEL	DISCH. PRESS.	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
.48 Hr. Test Ended								
<u>1 Hr. & 40 min Recovery Test</u>								
1 min	289.35			75 min	287.56			
2	294.00			80	287.38			
4	293.21			85	287.31			
5	292.85			90	287.20			
6	292.45			95	287.05			
7	292.10			100	286.94			
8	291.90							
9	291.78							
10	291.35							
15	290.57							
20	290.18							
25	289.83							
30	289.45							
35	289.41							
40	289.05							
45	288.62							
50	288.48							
55	288.26							
1 hr.	288.08							
65 min	287.92							
70	287.74							

OBSERVERS

FOR OWNER

FOR LAYNE TEXAS CO.

FORM NO. 25 -

65-13-944
65-13-90



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 12 out of 15
 State ID: 65-13-944

MICROBIOLOGY SERVICE LABORATORIES

water technologists . . . chemists . . . microbiologists

23 March 1966

SO 2099-65

To: Layne Texas Company
 Houston, Texas

Sample marked: Well No. C22, City of Houston, Harris Cty, Texas. Taken: 3-17-66
 after 48 hrs. pumping at 2941 gpm. Static Head: 275'. Pumping
 Level: 355'. Screened: 690 - 1630'. C. W. Butler

Received: 3-17-66

WATER ANALYSIS
 results in parts per million (mg/l) except as noted

Dissolved Residue at 105°C	295	Conductance, micromhos/cm, 25°C	525
Total Dissolved Solids, actual†	432	Color, units	0
Total Dissolved Solids, calc.	446	Turbidity, units	0
Silica	SiO ₂ 16	As Calcium Carbonate, CaCO ₃ :	
Iron and Aluminum Oxides	R ₂ O ₃ 0	Phenolphthalein Alkalinity	0
Calcium	Ca 22	Total Alkalinity	221
Magnesium	Mg 5	Total Hardness	75
Sodium (diff.) Na + K as	Na 92	Free Carbon Dioxide CO ₂	8
Carbonate	CO ₃ 0	pH . . .	7.71
Bicarbonate	HCO ₃ 270	HYPOTHETICAL COMBINATIONS	
Sulfate	SO ₄ 9	Calcium Bicarbonate	89
Chloride	Cl 32	Magnesium Bicarbonate	29
Total Iron	Fe 0.06	Sodium Bicarbonate	246
		Sodium Sulfate	25
		Sodium Chloride	53
		SiO ₂ + R ₂ O ₃	16
		Total Dissolved Solids, calc.	446

65-13-944

†Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO₃) ion

Microbiology Service Laboratories

5883

By: Edna Wood

65-13-9C

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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

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State ID: 65-13-944

FORM NO. 28

LAYNE TEXAS COMPANY
HOUSTON DALLAS
WELL LOG

REPORT NO 7251
S. O. 2099-65
PAGE 1 of 2
FILE NO 3073
DATE 2-1-66

CUSTOMER LOCATION		WELL DATA	
FOR	City of Houston 7-11-66 <i>180</i>	NAME WELL	Central WELL NO. #22
LOCATION WELL	Allen Park Way 65-13-9C	ELEVATION	DATUM
SURVEY	FIELD	RT	9 7/8- GR
COUNTY	Harris STATE Texas	TEST HOLE SIZE	7 7/8 TO 1915'
OTHER LAND MARKS		DATE STARTED DRILLING	1-22-66
		DATE FINISHED DRILLING	1-26-66
		DRILLER	L.S. Luthringer ^{US NO} 4
		TYPE MUD	Aquegel NO SACKS 115
		ELECTRIC LOG	Yes TYPE Schlumberger
		SURVEY	Microlog & TYPE
		OTHER	Calilier Log

Q-606 Surface Casing File

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES	
			DEPTH	TYPE NUMBER
0		Surface		
51	31	Loose Sand		
61	10	Clay		
76	15	Clay & Few Sand Streaks		
115	39	Broken Sandy Clay		
127	12	Clay		
137	10	Sand		
200	63	Clay & Sandy Clay Breaks		
203	3	Sand		
240	37	Clay		
247	7	Sand		
251	4	Clay		
268	17	Sandy Clay		
289	21	Sand		
308	19	Clay		
320	12	Sand		
360	40	Sandy Clay		
400	40	Clay		
457	57	Sand		
463	6	Clay		
481	18	Sand & Clay Streaks		
508	27	Sandy Clay		
525	17	Sand		
553	28	Clay & Sandy Clay Streaks		
579	26	Sand		
670	91	Sandy Clay & Sand Breaks		
685	15	Clay & Sandy Clay Breaks		
840	155	Sandy Clay & Sand Breaks		
873	33	Sandy Clay & Clay		
917	44	Sand & Clay Streaks		
935	18	Clay & Sandy Clay		
946	11	Sand		
980	34	Shale		
996	16	Sandy Shale		
1017	21	Shale		

65-13-944
65-13-9C

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 14 out of 15
 State ID: 65-13-944

FORM NO. 28

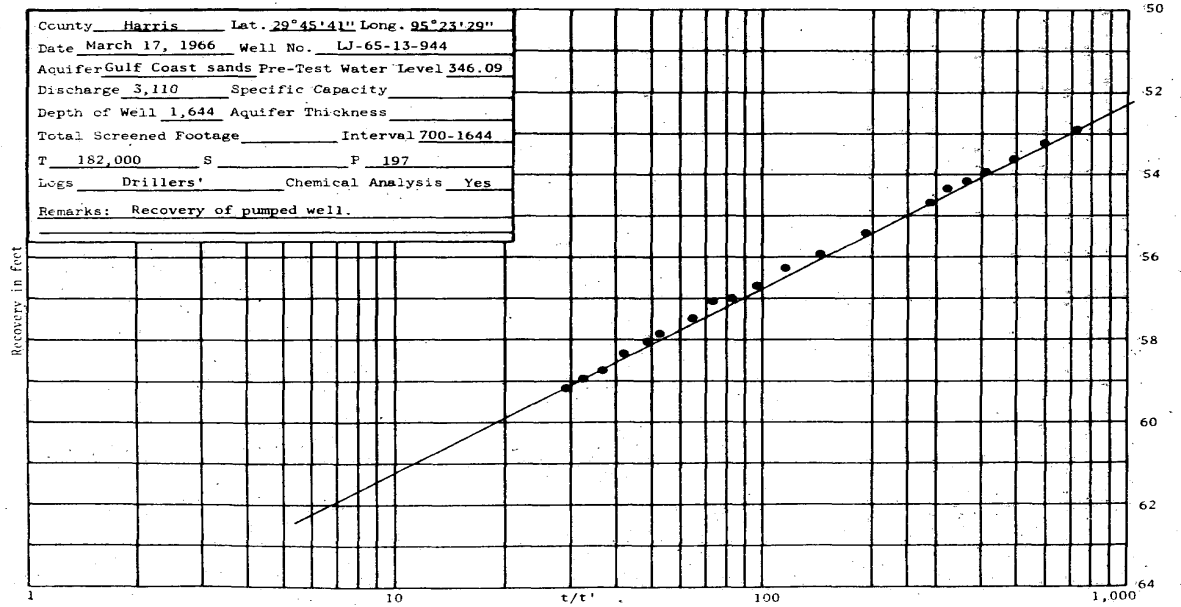
LAYNE TEXAS COMP, /,
 HOUSTON -- DALLAS
 WELL LOG

REPORT NO. 7251
 S. O. 2099-65
 PAGE 2 of 2
 FILE NO. 3073
 DATE 2-1-66

CUSTOMER LOCATION		WELL DATA	
FOR	City of Houston <i>7-11-66 HP</i>	NAME WELL	WELL NO. #22
LOCATION WELL	Allen Park Way <i>65-13-9C</i>	ELEVATION	DATUM
SURVEY	FIELD	RT	GR
COUNTY	Harris STATE Texas	TEST HOLE SIZE	TD 1915'
OTHER LAND MARKS		DATE STARTED DRILLING	1-22-66
		DATE FINISHED DRILLING	1-26-66
		DRILLER	L. S. Luthring NO. 4
		TYPE MUD	Aquegel NO. SACKS 115
		ELECTRIC LOG	Yes TYPE Schlumberger
		SURVEY	Microlog & TYPE
		OTHER	Calilier Log

DEPTH -STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES		
			DEPTH	TYPE	NUMBER
1081	64	Sand & Sandy Shale			
1151	70	Sandy Clay & Sand Breaks			
1197	46	Sand & Sandy Clay Breaks			
1203	6	Clay			
1234	31	Sandy Clay & Sand Breaks			
1297	63	Sand & Clay Streaks			
1335	38	Sand & Legnite			
1353	18	Sandy Clay & Sand Breaks			
1456	103	Sand & Few Clay Breaks			
1462	6	Sandy Clay			
1500	38	Shale			
1502	2	Hard Lime or Rock			
1540	38	Sand & Sandy Shale & Lime Streaks			
1550	10	Shale			
1562	12	Sand			
1582	20	Shale & Sandy Shale & Lime Legnite			
1657	75	Shale			
1658	1	Rock			
1669	11	Shale (Sandy)			
1688	19	Shale			
1689	1	Legnite & Lime			
1727	38	Hard Sandy Shale			
1746	19	Hard Shale			
1773	27	Clay			
1789	16	Sandy Clay & Sand Breaks			
1835	46	Clay			
1903	68	Sandy Clay & Sand Breaks			
1915	12	Shale & Sandy Lime			

65-13-944
7 pages attached
65-13-944



WATER UTILITY DATABASE (WUD)

MAP ID# 115 Distance from Property: 2.31 mi. W

PWSID: 1010013
SOURCE ID: G10100130
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 01/26/1966
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.391586300
LATITUDE: 29.762002940

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 115 Distance from Property: 2.31 mi. W

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294541095232901**

STATION NAME: **LJ-65-13-944**

SITE TYPE: **GW**

LATITUDE: **29.762060000** LONGITUDE: **-95.391830000**

DATE DRILLED: **03/08/1966**

WELL DEPTH: **1644 feet**

HOLE DEPTH: **1915 feet**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 115 Distance from Property: 2.31 mi. W

WELL ID: **1023**
OWNERS NAME: **HOUSTON, CITY OF**
YEAR DRILLED: **1966**
DEPTH DRILLED: **1644'**
STATIC LEVEL: **700'**
WATER USAGE: **PUBLIC SUPPLY**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.391830000**
LATITUDE: **29.762060000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 116 Distance from Property: 2.32 mi. ESE

STATE ID: 65-22-204

OWNER'S NAME: ABLE SUPPLY CO.

DATE DRILLED: 09/00/1953

DEPTH DRILLED: 282'

WATER USAGE: INDUSTRIAL

LONGITUDE: -95.320640000

LATITUDE: 29.741650000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522204/6522204.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 117 Distance from Property: 2.32 mi. W

STATE ID: 65-13-921
OWNER'S NAME: STANDARD RICE CO.
DATE DRILLED: 00/00/1908
DEPTH DRILLED: 853'
WATER USAGE: PLUGGED OR DESTROYED
LONGITUDE: -95.391790000
LATITUDE: 29.763910000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513921/6513921.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 118 Distance from Property: 2.35 mi. S

STATE ID: 65-22-103
OWNER'S NAME: CITY OF HOUSTON
DATE DRILLED: 12/29/1962
DEPTH DRILLED: 2157'
WATER USAGE: PLUGGED OR DESTROYED
LONGITUDE: -95.350496000
LATITUDE: 29.726063000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522103/6522103.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 15
State ID: 65-22-103

WED Exp. (GW)
April 1966

Well No. LT-65-22-103

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD (T. Brown)

Record by G.M. (10-A-63) Source of data FILES Date 2-23-68 Map 1,24000 Park Place 1955

State Texas County Harris Sequential number: 1

Latitude: 29° 43' 34" N Longitude: 095° 21' 01" W

Local well number: 43-65-22-103 Other number: WELL # 6

Local use: _____ Owner or name: CITY OF HOUSTON Address: Scott Street Plant

Ownership: County, Fed Gov, City, Corp or Co, Private, State Agency, Water Dist M

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Irr, Mad, Ind, Rec, Stock, Instit, Unused, Recharge, Desal-F S, Desal-other, Other P

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed W

DATA AVAILABLE: Well data 1 Freq. W/L meas: 1963 - Annual Field aquifer char: A

Hyd. lab. data: _____

Qual. water data: type: _____

Freq. sampling: 7-29-63 Pumpage inventory: A

Aperture cards: _____

Log data: E-100 BB-29 TO 2521'

WELL-DESCRIPTION CARD

Depth well: 2157 ft. Meas. Driller accuracy 3

Depth cased; (first perf.): 580 ft. Casing type: S : Diam. 24-12 3/4 in. 24

Finish: porous concrete, gravel w. gravel, (screen), boris, open perf., screen, sd. pt., shored, open pipe, other 9

Method drilled: air bored, cable, dug, hyd, jetted, air reverse, percussion, rotary, driven, drive wash, other H

Date drilled: 1-21-63 Pump intake setting: 372 ft. 372

Driller: LAYNE-TEXAS CO. HOUSTON, TEXAS

Lift: (type): air, bucket, cent, lat, multiple, multiple, none, piston, rot, submers, turb, other 5 Deep D Shallow 40

Power (type): diesel, nat gas, gasoline, hand, gas, wind; H.P. 300 Trans. of meter no. N

Descrip. MP 2" MEASURING PIPE 3.0 ft. above below LSD Alt. MP 48'

Alt. LSD: 45' Accuracy: (source) 5' TOPO

Water Level: 261.53 ft. below MP; Ft below LSD 253 Accuracy: MEAS.

Date meas: 2-23-63 Yield: 3024 gpm 3024 Method determined 4

Drawdown: 79 ft. Accuracy: MEAS Pumping period 48 hrs. 48

QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____

Sp. Conduct _____ K x 10⁶ _____ Temp. _____

Alt. 340.1
261.5
78.6

Well No. LT-65-22-103

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 15
State ID: 65-22-103

Well No. LS-65-22-103
Latitude-longitude 29.43.34 ^W 99.5.21.01

HYDROGEOLOGIC CARD

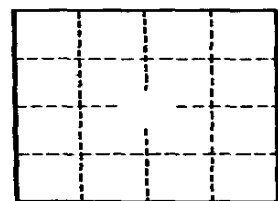
SAME AS ON MASTER CARD
Physiographic Province: COASTAL PLAINS Section: 03
Drainage Basin: 51R Subbasin: 24
Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp. (C) (N) (F) (K) (L) (Q) (P) (S) (X) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat
MAJOR AQUIFER: system T series 38 aquifer, formation, group E 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79
Lithology: 38 39 Origin: 34 Thickness: 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79
Length of well open to: 418 ft 418 Depth to top of: 418 ft
MINOR AQUIFER: system 44 series 44 aquifer, formation, group 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79
Lithology: 44 45 Origin: 40 Thickness: 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79
Length of well open to: 418 ft 418 Depth to top of: 418 ft
* Intervals Screened: 580-577, 645-669, 720-730, 755-780, 820-830, 860-870, 900-925
Depth to consolidated rock: 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79
Depth to basement: 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79
Surficial material: 70 71 Infiltration characteristics: 72 73 74 75 76 77 78 79
Coefficient Trans: 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99
Coefficient Perm: 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

* SCREENS:

- 780-990
- 1050-1060
- 1080-1090
- 1130-1165
- 1350-1365
- 1390-1410
- 1430-1440
- 1470-1495
- 1500-1510
- 1575-1615
- 1690-1720
- 1735-1750
- 1850-1880
- 2105-2140

90' plug in bottom

CSG:
571' or 24"
510-2157-0412"
SS .045 g



Well No. LS-65-22-103

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

(11-74)

021400

Water Resources Division
Austin, Texas

Latitude 29.4334 Longitude 095.2101 Seq. No. 01

County code 201 County HARRIS

Well # LJ-65-22-103

Project number 7-4648-01000

Date 5-17-77 Time — Temp °C 26.5

Owner City of Houston

Address SCOTT ST # 6

Date drld — WBF code 121 Eval

Sample interval: (top) 580 (bottom) 2140

Water level — Appr CLEAR Use PS

Collector Peters Yield — GPM

Smpld aftr pmpg on arrival Depth —

Pt of coll top on discharge

Field: Cond — pH — HCO₃ — DO —

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I

Other —

Herbicide — Insecticide —

Remarks:

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	7,2,0,0,4			
DO (mg/l)	0,0,3,0,0			
DO % Sat.	0,0,3,0,1			
Temp °C	0,0,0,1,0	26.50	0.2	26.5
pH	0,0,4,0,0	7.800	0.1	7.8
Specific conductance	0,0,0,9,5	73.80	0.3	738
HCO ₃	0,0,4,4,0	340.0	0.3	340
CO ₃	0,0,4,4,5	0.000	0.1	0
Chloride (Cl)	0,0,9,4,0	640.0	0.2	64
Sulfate (SO ₄)	0,0,9,4,5	920.0	0.1	9.2
Color	0,0,0,8,0			
Coliform, membrane filter	3,1,5,0,1			
Coliform, fecal	3,1,6,2,5			
Strep-tococci	3,1,6,7,3			
BOD	0,0,3,1,0			

Type 2 Station identification number 29.4334.095.2101.01

Y 77 M 05 D 17 Time of measurement —

17 Begin 22 29 32

Depth	Parameter code	Value	Exp.	Rmk
	7,2,0,0,8			
Yield (GPM)	0,0,0,5,9			
Sample interval TOP	7,2,0,1,5	580.0	0.3	
Sample interval BOTTOM	7,2,0,1,6	2140	0.4	
Water level	7,2,0,1,9			

65-22-103

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

(11-74)

UNITED STATES OF AMERICA
Water Resources Division
Austin, Texas

017575

Latitude 29 43 34 Longitude 095 21 01 01 Seq. No. 01

County code 201 County Harris

Well # LJ-65-22-103

Project number 4648-01000

Date 2-6-76 Time — Temp °C 29.5

Owner City of Houston

Address Scott St. #6

Date drld — WBF code 121 EVGL

Sample interval: (top) 580 (bottom) 2140

Water level — Appr clear Use PS

Collector Kattel Yield — GPM

Smpld aftr pmpg arrival Depth —

Pt of coll tap on discharge

Field: Cond — pH — HCO₃ — DO —

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I

Other —

Herbicide — Insecticide —

Remarks:

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	7 2 0 0 4			
DO (mg/l)	0 0 3 0 0			
DO % Sat.	0 0 3 0 1			
Temp °C	0 0 0 1 0	29.50	0.2	29.5
pH	0 0 4 0 0	8.100	0.1	8.1
Specific conductance	0 0 0 9 5	7620	0.3	762
HCO ₃	0 0 4 4 0	3490	0.3	349
CO ₃	0 0 4 4 5	0000	0.1	0
Chloride (Cl)	0 0 9 4 0	7000	0.2	70
Sulfate (SO ₄)	0 0 9 4 5	2800	0.1	2.8
Color	0 0 0 8 0			
Coliform, membrane filter	3 1 5 0 1			
Coliform, fecal	3 1 6 1 6			
Strep-tococci	3 1 6 7 9			
BOD	0 0 3 1 0			

Type 2 Station identification number 29 43 34 095 21 01 01

Y M D Time of measurement

7 6 0 2 0 6 29 32

17 Begin 22

Depth	Parameter code	Value	Exp.	Rmk
	7 2 0 0 8			
Yield (GPM)	0 0 0 5 9			
Sample interval OP	7 2 0 1 5	5800	0.3	
Sample interval BOTTOM	7 2 0 1 6	2140	0.4	
Water level	7 2 0 1 9			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 5 out of 15
State ID: 65-22-103

Latitude: 29 43 34 Longitude: 095 21 01 01 Seq. No. 01

County code 201 County Harris

Well # LJ-65-22-103

Project number 5-4648-01000

Date 2-4-75 Time _____ Temp °C 29.5

Owner City of Houston

Address Scott St #6

Date drld 1-21-63 WBF code 121EVL

Sample interval:(top) 580 (bottom) 2140

Water level _____ Appr _____ Use PS

Collector Nafel Yield 7 GPM

Smpld aftr pmpg on arrival Depth 2157

Pt of coll Pawcet on pipe

Field: Cond _____ pH _____ HCO₃ _____ DO _____

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	7 2 0 0 4			
DO (mg/l)	0 0 3 0 0			
DO % Sat.	0 0 3 0 1			
Temp °C	0 0 0 1 0	29.50	0.2	
pH	0 0 4 0 0	8.200	0.1	8.2
Specific conductance	0 0 0 9 5	7.580	0.3	750
HCO ₃	0 0 4 4 0	3.440	0.3	340
CO ₃	0 0 4 4 5	0.000	0.1	0
Chloride (Cl)	0 0 9 4 0	6.900	0.2	69
Sulfate (SO ₄)	0 0 9 4 5	4.800	0.1	48
Color	0 0 0 8 0			
Coliform, membrane filter	3 1 5 0 1			
Coliform, fecal	3 1 6 1 6			
Strep-tococci	3 1 6 7 9			
BOD	0 0 3 1 0			

Indicate types of analyses

Coliform _____ Phenols _____ Minors _____

Nutrients _____ MBAS _____ BOD _____ TOC _____ DOC _____

Std chem schedule I + 304

Other _____

Herbicide _____ Insecticide _____

Remarks:

Type 2 Station identification number 29 43 34 09 52 10 10 1

Y 7 M 5 D 02 Time of measurement _____

17 Begin 22 29 32

Depth	Parameter code	Value	Exp.	Rmk
	7 2 0 0 8	2157	0.4	
Yield (GPM)	0 0 0 5 9			
Sample interval TOP	7 2 0 1 5	5800	0.3	
Sample interval BOTTOM	7 2 0 1 6	2140	0.4	

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Latitude 29 43 34 Longitude 09 52 10 Seq. No. 101
 County code 101 County HARRIS
 Well # LJ 65-22-103
 Project number T4648-01000
 Date 9-23-76 Time 1415 Temp °C 39.0
 Owner CITY OF HOUSTON
 Address SCOTT # 6
 Date drld 1-21-63 WBF code EVGL
 Sample interval: (top) 580 (bottom) 2140
 Water level 438.79 Appr Clear Use PS
 Collector BEZANT Yield 2034 GPM
 Smpld aftr pmpg ON ARRIVAL Depth —
 Pt of coll TAP ON DISCH. PIPE
 Field: Cond — pH — HCO₃ — DO —
 Indicate types of analyses
 Coliform — Phenols — Minors —
 Nutrients — MBAS — BOD — TOC — DOC —
 Rad chem schedule I
 Other —
 Herbicide — Insecticide —
 Remarks:

Type 2 Station identification number 29 43 34 09 52 10 101
 Y 76 M 09 D 23 Time of measurement 14 15
 17 Begin 22 29 32
 Depth 7 2 0 0 8 Value — Exp. — Rmk —
 Yield (GPM) 0 0 0 5 9 — — —
 Sample interval TOP 7 2 0 1 5 5 8 0 0 0 3 —
 Sample interval BOTTOM 7 2 0 1 6 2 1 4 0 0 4 —
 Water level 7 2 0 1 9 — — —

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	7 2 0 0 4			
DO (mg/l)	0 0 3 0 0			
DO % Sat.	0 0 3 0 1			
Temp °C	0 0 0 1 0	3 0 0 0	0 2	30.0
pH	0 0 4 0 0	7 9 0 0	0 1	7.9
Specific conductance	0 0 0 9 5	7 5 7 0	0 3	757
HCO ₃	0 0 4 4 0	2 5 2 0	0 3	252
CO ₃	0 0 4 4 5	0 0 0 0	0 1	0
Chloride (Cl)	0 0 9 4 0	7 0 0 0	0 2	70
Sulfate (SO ₄)	0 0 9 4 5	3 6 0 0	0 1	3.6
Color	0 0 0 8 0			
Coliform, membrane filter	3 1 5 0 1			
Coliform, fecal	3 1 6 1 6			
Strep-tococci	3 1 6 7 9			
BOD	0 0 3 1 0			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

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State ID: 65-22-103

FORM NO. **RECEIVED**
19 1963

65-22-103 17th flld man 102 (2)
LAYNE TEXAS COMPANY
HOUSTON -- DALLAS

REPORT NO. 6267
S. O. 2393-62
PAGE 1 OF 3
FILE NO. 2749
DATE 1-21-63

TEXAS WATER COMMISSION
AUSTIN, TEXAS

WELL LOG

CUSTOMER LOCATION		WELL DATA	
FOR CITY OF HOUSTON		NAME WELL	WELL NO. 6 ✓
LOCATION WELL 3335 ADAIR STREET		ELEVATION	DATUM
SURVEY		RT	
FIELD		TEST HOLE SIZE	9-7/8 ^C & 7-7/8 ^{RR} 2521'
COUNTY HARRIS STATE TEXAS		DATE STARTED DRILLING	12-21-62
OTHER LAND MARKS SCOTT STREET WATER PLANT		DATE FINISHED DRILLING	12-29-62
		DRILLER L. LUTHRINGER RIG NO.	5A
		TYPE MUD	JEL NO. BAGS 20
		ELECTRIC LOG	YES TYPE SCHLUMBERGER
		SURVEY EASTMAN	TYPE
		OTHER	

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES		
			DEPTH	TYPE	NUMBER
0		SURFACE			
4	4	SURFACE SOIL			
18	14	GRAY CLAY, FEW SAND STREAKS			
54	36	RED STICKY CLAY			
115	61	SAND & CLAY STREAKS			
153	38	CLAY & SANDY CLAY STKS.			
163	10	SAND			
188	25	CLAY & SAND STKS.			
195	7	SAND			
215	20	CLAY			
225	10	SAND			
235	10	CLAY			
262	27	SAND & CLAY STKS.			
305	43	CLAY & SANDY CLAY BRKS.			
368	63	SAND & CLAY BRKS.			
421	53	CLAY			
452	31	SAND & CLAY STKS.			
483	31	CLAY & SAND STKS.			
540	57	CLAY			
598	58	SAND & SHALE BRKS.			
633	35	CLAY			
665	32	SAND			
710	45	CLAY			
728	18	SAND			
734	6	CLAY			
764	30	SAND			
773	9	SAND & SANDY CLAY STKS.			
789	16	CLAY			
793	4	SAND			
815	22	CLAY			
839	24	SAND & SANDY CLAY			
843	4	CLAY			
849	6	SAND & SANDY CLAY			
917	68	SAND			
937	20	SHALE			
948	11	SAND			
968	20	SHALE			
992	24	SAND			
1003	11	SAND & SANDY SHALE			

65-22-103 15-22-14



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

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State ID: 65-22-103

FORM NO. 28

LAYNE TEXAS COMPANY
HOUSTON -:- DALLAS
WELL LOG

REPORT NO. 6267
S. O. 2393-62
PAGE 2 OF 3
FILE NO. 2749
DATE 1-21-63

CUSTOMER LOCATION		WELL DATA	
FOR	CITY OF HOUSTON	NAME WELL	WELL NO. 6
LOCATION WELL	3335 ADAIR STREET	ELEVATION	DATUM
SURVEY	FIELD	RT 9-7/8" & C 7-7/8" TO	OR 2521'
COUNTY	HARRIS	STATE	TEXAS
OTHER LAND MARKS	SCOTT STREET WATER PLANT	TEST HOLE SIZE	DATE STARTED DRILLING 12-21-62
		DATE FINISHED DRILLING	12-29-62
		DRILLER L. LUTHRINGER	RIG NO. 5A
		TYPE MUD JEL	NO. BAGS 20
		ELECTRIC LOG YES	TYPE SCHLUMBERGER
		SURVEY	TYPE
		OTHER	

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES		
			DEPTH	TYPE	NUMBER
1003					
1009	6	SHALE			
1022	13	SAND			
1044	22	CLAY & SAND BRKS.			
1089	45	SAND & CLAY BREAKS			
1116	27	SHALE			
1156	40	SAND			
1222	66	STICKY SHALE			
1232	10	SANDY SHALE			
1343	111	SHALE			
1368	25	SAND			
1388	20	SANDY SHALE			
1462	74	SHALE & STICKY SHALE			
1513	51	SAND & SHALE BRKS.			
1590	77	SHALE & SANDY SHALE STRKS.			
1665	75	SHALE			
1677	12	SHALE & SANDY SHALE			
1726	49	SAND & STRKS. OF SHALE			
1751	25	SAND			
1766	15	SHALE & SAND BRKS.			
1836	70	HARD SANDY SHALE & SHALE			
1844	8	SHALE			
1880	36	SAND			
1895	15	SAND & SHALE BRKS.			
1906	11	SHALE			
1930	24	SANDY SHALE & SHALE			
1947	17	SAND & SHALE LAYERS			
1958	11	SAND			
2000	42	SHALE			
2025	25	HARD SAND			
2061	36	HARD SAND & SHALE STRKS.			
2092	31	HARD SHALE			
2133	41	SAND & SHALE BRKS.			
2164	31	HARD SHALE			
2190	26	HARD SANDY SHALE			
2247	57	SAND & SHALE STRKS.			
2330	83	HARD SHALE			
2334	4	SANDY SHALE			
2365	51	HARD SHALE			

ATTACH:
7 pages
WVW # 65-22-103
65-22-103

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 9 out of 15
State ID: 65-22-103

FORM NO. 28

LAYNE TEXAS COMPANY
HOUSTON -- DALLAS
WELL LOG

REPORT NO. 6267
S. O. 2393-62
PAGE 3 OF 3
FILE NO. 2749
DATE 1-21-63

CUSTOMER LOCATION		WELL DATA	
FOR CITY OF HOUSTON		NAME WELL	WELL NO. 6
LOCATION WELL 3335 ADAIR STREET		ELEVATION	DATUM
SURVEY	FIELD	RT 9-7/8" C	GR
COUNTY HARRIS	STATE TEXAS	TEST HOLE SIZE 7-7/8" TD	2521'
OTHER LAND MARKS SCOTT STREET WATER PLANT		DATE STARTED DRILLING	12-21-62
		DATE FINISHED DRILLING	12-29-62
		DRILLER L. LUTHRINGER	RIG NO. 5A
		TYPE MUD JEL	NO. BAGS 20
		ELECTRIC LOG YES	TYPE SCHLUMBERGER
		SURVEY EASTMAN	TYPE
		OTHER	

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES		
			DEPTH	TYPE	NUMBER
2365					
2426	61	SHALE & SANDY SHALE STREAKS			
2441	15	SAND			
2475	34	SHALE & SAND BRKS.			
2486	11	SHALE			
2496	10	SAND			
2521	25	SHALE & SAND BRKS.			
TOTAL DEPTH 2521 FT.					
			65-22-103 65-22-10		

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 10 out of 15
State ID: 65-22-103

FORM NO. 1202

LAYNE TEXAS COMPANY
HOUSTON -- DALLAS
MATERIAL SETTING

REPORT NO. 6294
S. O. 2393-62
PAGE 1 OF 2
FILE NO. 2749
DATE 3/6/63

CUSTOMER LOCATION		WELL DATA	
FOR	CITY OF HOUSTON	NAME WELL	SAME WELL NO. 6
LOCATION WELL	3335 ADAIR STREET	ELEVATION	DATUM
SURVEY	FIELD	TYPE WELL	GRAVEL-WALL
COUNTY	HARRIS STATE TEXAS	SURFACE CASING CEMENTED	YES NO. SACKS 865.88 JEL
OTHER LAND MARKS	SCOTT STREET PLANT	SIZE HOLE UNDERREAMED	30" DEPTH 2155'
		GRAVEL TYPE	12, 13, 165 NO. CU. YDS. 350
		TYPE SCREEN	S.S. W.W. GAGE .045"
		DRILLER	L. LUTHRINGER RIG NO. 5A
		OTHER	B. BIRDWELL & PAT HEFFERNAN

DEPTH	LENGTH	SIZE, KIND, WEIGHT MATERIAL	SKETCH
0		24" O.D. SURFACE CASING 1' ABOVE GROUND	
500'		SURFACE	
570'	571'	TOP OF 12-3/4" O.D. LINER	
580.25'	80.25'	24" O.D. SURFACE CASING	
599.93'	19.68'	12-3/4" O.D. BLANK LINER	
645.11'	45.18'	12-3/4" OD SS WW SCREEN .045" GA.	
669.69'	24.58'	12-3/4" O.D. BLANK PIPE	
720.04'	50.35'	12-3/4" OD SS WW SCREEN .045" GA.	
729.65'	9.61'	12-3/4" O.D. BLANK PIPE	
755.02'	25.37'	12-3/4" OD SS WW SCREEN .045" GA.	
779.64'	24.62'	12-3/4" O.D. BLANK PIPE	
820.02'	40.38'	12-3/4" OD SS WW SCREEN .045" GA.	
829.64'	9.62'	12-3/4" O.D. BLANK PIPE	
860.00'	30.36'	12-3/4" OD SS WW SCREEN .045" GA.	
869.66'	9.66'	12-3/4" O.D. BLANK PIPE	
900.11'	30.45'	12-3/4" OD SS WW SCREEN .045" GA.	
924.76'	24.65'	12-3/4" O.D. BLANK PIPE	
980.08'	55.32'	12-3/4" OD SS WW SCREEN .045" GA.	
989.73'	9.65'	12-3/4" O.D. BLANK PIPE	
1050.04'	60.31'	12-3/4" OD SS WW SCREEN .045" GA.	
1059.70'	9.66'	12-3/4" O.D. BLANK PIPE	
1080.07'	20.37'	12-3/4" OD SS WW SCREEN .045" GA.	
1089.73'	9.66'	12-3/4" O.D. BLANK PIPE	
1130.06'	40.33'	12-3/4" OD SS WW SCREEN .045" GA.	
1164.71'	34.65'	12-3/4" O.D. BLANK PIPE	
1350.02'	185.31'	12-3/4" OD SS WW SCREEN .045" GA.	
1364.65'	14.63'	12-3/4" O.D. BLANK PIPE	
1389.98'	25.33'	12-3/4" OD SS WW SCREEN .045" GA.	
1409.67'	19.69'	12-3/4" O.D. BLANK PIPE	
1430.04'	20.37'	12-3/4" OD SS WW SCREEN .045" GA.	
1439.70'	9.66'	12-3/4" O.D. BLANK PIPE	
1470.10'	30.40'	12-3/4" OD SS WW SCREEN .045" GA.	
1494.70'	24.60'	12-3/4" O.D. BLANK PIPE	
1500.10'	5.40'	12-3/4" OD SS WW SCREEN .045" GA.	
1509.77'	9.67'	12-3/4" O.D. BLANK PIPE	
1550.11'	40.34'	12-3/4" OD SS WW SCREEN .045" GA.	
1559.86'	9.75'	12-3/4" O.D. BLANK PIPE	
1575.23'	15.37'	12-3/4" OD SS WW SCREEN .045" GA.	

65-22-103
65-22-10



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

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FORM NO. 1202

LAYNE TEXAS COMPANY
HOUSTON DALLAS
MATERIAL SETTING

REPORT NO. 6294
S. O. 2393-62
PAGE 2 OF 2
FILE NO. 2749
DATE 3/6/63

CUSTOMER LOCATION FOR CITY OF HOUSTON LOCATION WELL 3335 ADAIR STREET SURVEY FIELD COUNTY HARRIS STATE TEXAS OTHER LAND MARKS SCOTT STREET PLANT		WELL DATA NAME WELL SAME WELL NO. 6 ELEVATION DATUM TYPE WELL GRAVEL-WALL SURFACE CASING CEMENTED YES NO. SACKS 865 8% JEL SIZE HOLE UNDERREAMED 30" DEPTH 2155' GRAVEL TYPE 112, 13, 165 NO. CU. YDS. 350 TYPE SCREEN S.S. W.W. GAGE .045" DRILLER L. LUTHRINGER RIG NO. 5A OTHER B. BIRDWELL & PAT HEFFERNAN	
--	--	--	--

DEPTH	LENGTH	SIZE, KIND, WEIGHT MATERIAL	SKETCH
1575.23'		12-3/4" OD SS WV SCREEN .045" GA.	
1614.83'	39.60'	12-3/4" O.D. BLANK PIPE	
1690.28'	75.45'	12-3/4" O.D. BLANK PIPE	
1719.78'	29.50'	12-3/4" OD SS WV SCREEN .045" GA.	
1735.17'	15.39'	12-3/4" O.D. BLANK PIPE	
1749.80'	14.63'	12-3/4" OD SS WV SCREEN .045" GA.	
1850.16'	100.36'	12-3/4" O.D. BLANK PIPE	
1829.84'	29.68'	12-3/4" OD SS WV SCREEN .045" GA.	
2105.41'	225.57'	12-3/4" O.D. BLANK PIPE	
2140.04'	34.63'	12-3/4" OD SS WV SCREEN .045" GA.	
2155.25'	15.21'	12-3/4" O.D. BLANK PIPE	
2157.50'	2.25'	12-3/4" O.D. SET NIPPLE & B.P. VALVE	
TOTAL DEPTH 2157.50'			
NOTE: DRAWING NOT TO SCALE.			

65-22-103 ID-2157.50

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

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LAYNE TEXAS COMPANY
HOUSTON -- DALLAS
WATER WELL TEST

REPORT NO. 6295
S. O. 2393-62
AGE 1 of 3
FILE NO. 2749
DATE 3/6/63

CUSTOMER LOCATION TEST FOR CITY OF HOUSTON LOCATION OF WELL 3335 ADAIR STREET SURVEY FIELD COUNTY HARRIS STATE TEXAS DESCRIPTION OF LAND MARKS SCOTT STREET PLANT		WELL DATA NAME WELL SAME WELL NO. 6 ELEVATION DATUM WELL SIZE 24" x 12-3/4" x 30" UR TOTAL DEPTH 2157.50' TOP SCREEN 580.25' GRAVEL WELL YES STRAIGHT WELL TYPE SCREEN S.S. W.W. GAGE .045" TEMPERATURE OF WATER 83.5° F. WATER CONDITION	
WATER MEASURING DEVICE ORIFICE SIZE 10"x12" LENGTH OTHER USED ELECTRICAL TAPE FOR MEASUREMENT		TEST PUMP DATA DEPTH SETTING TOP OF BOWL 400' LENGTH AIR LINE 400' SIZE 1/4" TYPE BOWL 18" RKHC NO. SEALS 3 LENGTH BOWL	

SAND CONTENT 0 OZ PER 100 GAL ACTIVE STATIC HEAD AFTER PUMP STOPPED 5 MIN 281.36 FT 20 MIN 275.23 FT 10 MIN 274.58 FT 25 MIN 274.44 FT 15 MIN 276 FT 30 MIN 274.09 FT	WATER SAMPLE TAKEN No NET SAMPLES BACTERIOLOGICAL SAMPLE TAKEN DRAWDOWN
--	--

DATE HOUR	AIR LINE GAGE	PUMPING LEVEL	DISCH PRESS	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
2/21/63 STARTED TEST AT 6:00 A.M.								
7:00 AM		336.25			3110		L.S.L.	
8:00		337.45		39	3088			
9:00		337.33		38.5	3068			
10:00		336.31		37	3002			
11:00		340.23		40	3130			STEPPED UP MOTOR
12:00 M		341.59		41	3160			
1:00 PM		341.80		41	3160			
2:00		343.12		42.5	3219			MOTORS SPEEDED UP
3:00		339.36		38.5	3068			SLOWED PUMP
4:00		340.20		39	3088		P.B.H.	
5:00		340.00		39	3088			SLOWED PUMP @ 5:45
6:00		339.80		38.5	3068			
7:00		340.51		39	3088			
8:00		340.45		39	3088			
9:00		340.47		39	3088			
10:00		341.45		39.5	3110			
11:00		341.55		39.5	3110			
12:00 M-2/22/63		341.21		39.5	3110			
1:00 AM		341.03		39	3088			
2:00		341.53		39.5	3110			
3:00		341.92		40	3130			
4:00		342.70		40.5	3146			
5:00		341.90		40	3130			
6:00		339.45		38.5	3068			
7:00		343.28		41.5	3179			
8:00		343.46		41	3160			

OBSERVERS
Mr. D. E. VAN BUSKIRK
FOR CENTER

L. LUTHRINGER, P. HEFFERNAN
FOR LAYNE TEXAS CO.

FORM NO. 29

65-22-103 65-22-103



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

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LAYNE TEXAS COMP.
HOUSTON - DALLAS
WATER WELL TEST

REPORT NO. 6295
2393-62
PAGE 2 of 3
FILE NO. 2749
DATE 3/6/63

CUSTOMER LOCATION				WELL DATA																																																																																																																																																																																																																		
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<table border="1"> <thead> <tr> <th>DATE</th> <th>AIR LINE (GAUGE)</th> <th>PUMPING (FEET)</th> <th>DISCH. PRESS.</th> <th>HEAD ON ORIFICE (INCHES)</th> <th>GPM</th> <th>RPM</th> <th>OPERATOR</th> <th>REMARKS</th> </tr> </thead> <tbody> <tr><td>9:00AM</td><td></td><td>341.62</td><td></td><td>39</td><td>3088</td><td></td><td></td><td></td></tr> <tr><td>10:00</td><td></td><td>341.69</td><td></td><td>39</td><td>3088</td><td></td><td></td><td></td></tr> <tr><td>11:00</td><td></td><td>341.74</td><td></td><td>39</td><td>3088</td><td></td><td></td><td></td></tr> <tr><td>12:00 N</td><td></td><td>341.59</td><td></td><td>38.5</td><td>3068</td><td></td><td></td><td></td></tr> <tr><td>1:00 PM</td><td></td><td>341.08</td><td></td><td>38</td><td>3046</td><td></td><td></td><td></td></tr> <tr><td>2:00</td><td></td><td>340.85</td><td></td><td>38</td><td>3046</td><td></td><td></td><td></td></tr> <tr><td>3:00</td><td></td><td>340.50</td><td></td><td>38</td><td>3046</td><td></td><td></td><td></td></tr> <tr><td>4:00</td><td></td><td>340.45</td><td></td><td>38.5</td><td>3068</td><td></td><td>P.B.H.</td><td>STOPPED 5 MIN.</td></tr> <tr><td>5:00</td><td></td><td>341.20</td><td></td><td>39.5</td><td>3110</td><td></td><td></td><td></td></tr> <tr><td>6:00</td><td></td><td>341.55</td><td></td><td>39</td><td>3088</td><td></td><td></td><td></td></tr> <tr><td>7:00</td><td></td><td>341.55</td><td></td><td>39</td><td>3088</td><td></td><td></td><td></td></tr> <tr><td>8:00</td><td></td><td>341.70</td><td></td><td>39.5</td><td>3110</td><td></td><td></td><td>SLOWED PUMP @ 8:15 TO 38"</td></tr> <tr><td>9:00</td><td></td><td>341.20</td><td></td><td>39</td><td>3088</td><td></td><td></td><td></td></tr> <tr><td>10:00</td><td></td><td>341.10</td><td></td><td>39.5</td><td>3068</td><td></td><td></td><td></td></tr> <tr><td>11:00</td><td></td><td>339.80</td><td></td><td>37.5</td><td>3024</td><td></td><td></td><td></td></tr> <tr><td>12:00 M-2/23/63</td><td></td><td>339.80</td><td></td><td>37.5</td><td>3024</td><td></td><td></td><td>MOTORS SLOWED TO 24" @ 11 PM</td></tr> <tr><td>1:00 AM</td><td></td><td>340.70</td><td></td><td>38</td><td>3046</td><td></td><td></td><td></td></tr> <tr><td>2:00</td><td></td><td>340.70</td><td></td><td>38</td><td>3046</td><td></td><td></td><td></td></tr> <tr><td>3:00</td><td></td><td>340.76</td><td></td><td>38</td><td>3046</td><td></td><td></td><td></td></tr> <tr><td>4:00</td><td></td><td>340.80</td><td></td><td>38</td><td>3046</td><td></td><td></td><td></td></tr> <tr><td>5:00</td><td></td><td>340.70</td><td></td><td>38</td><td>3046</td><td></td><td></td><td></td></tr> <tr><td>6:00</td><td></td><td>340.60</td><td></td><td>38</td><td>3046</td><td></td><td></td><td></td></tr> </tbody> </table>								DATE	AIR LINE (GAUGE)	PUMPING (FEET)	DISCH. PRESS.	HEAD ON ORIFICE (INCHES)	GPM	RPM	OPERATOR	REMARKS	9:00AM		341.62		39	3088				10:00		341.69		39	3088				11:00		341.74		39	3088				12:00 N		341.59		38.5	3068				1:00 PM		341.08		38	3046				2:00		340.85		38	3046				3:00		340.50		38	3046				4:00		340.45		38.5	3068		P.B.H.	STOPPED 5 MIN.	5:00		341.20		39.5	3110				6:00		341.55		39	3088				7:00		341.55		39	3088				8:00		341.70		39.5	3110			SLOWED PUMP @ 8:15 TO 38"	9:00		341.20		39	3088				10:00		341.10		39.5	3068				11:00		339.80		37.5	3024				12:00 M-2/23/63		339.80		37.5	3024			MOTORS SLOWED TO 24" @ 11 PM	1:00 AM		340.70		38	3046				2:00		340.70		38	3046				3:00		340.76		38	3046				4:00		340.80		38	3046				5:00		340.70		38	3046				6:00		340.60		38	3046			
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OBSERVERS
MR. D. E. VAN BUKKIRK

L. LUTHRINGER, PAT HEFFERNAN
FOR LAYNE TEXAS CO.

65-22-103 65-22-11



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

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State ID: 65-22-103

LAYNE TEXAS COMPANY
HOUSTON - DALLAS
WATER WELL TEST

REPORT NO. 6295
S. O. 2393-62
PAGE 3 of 3
FILE NO. 2749
DATE 3/6/63

CUSTOMER LOCATION TEST FOR CITY OF HOUSTON LOCATION OF WELL 3335 ADAIR STREET SURVEY FIELD COUNTY HARRIS STATE TEXAS DESCRIPTION OF LAND MARKS SCOTT STREET PLANT				WELL DATA NAME WELL SAME WELL NO. 6 ELEVATION DATUM WELL SIZE X X TOTAL DEPTH TOP SCREEN GRAVEL WELL STRAIGHT WELL TYPE SCREEN BAGE TEMPERATURE OF WATER WATER CONDITION				
WATER MEASURING DEVICE ORIFICE SIZE LENGTH OTHER				TEST PUMP DATA DEPTH SETTING TOP OF BOWL LENGTH AIR LINE SIZE TYPE BOWL NO. STAGES LENGTH BOWL SUCTION LIFT				
SAND CONTENT OZ. PER 100 GAL. ACTIVE STATIC HEAD AFTER PUMP STOPPED 5 MIN. FT. 20 MIN. FT. 10 MIN. FT. 25 MIN. FT. 15 MIN. FT. 30 MIN. FT.				WATER SAMPLE TAKEN NO. SAMPLES BACTERIOLOGICAL SAMPLE TAKEN DRAWDOWN GROUND RECOVERY				
DATE	AIR LINE GAGE	PUMPING LEVEL	DISH PRESS	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
RECOVERY RUN BY U.S.G.S. 2/23/63 W.L. 6:00 AM 281.36 6:10 277.33 6:15 276.28 6:20 275.55 6:25 274.98 6:30 274.51 6:35 274.20 6:40 273.79 6:45 273.52 6:50 273.26 7:00 272.82 7:10 272.44 7:22 272.06 7:30 271.83 7:40 271.59 7:43 271.53								

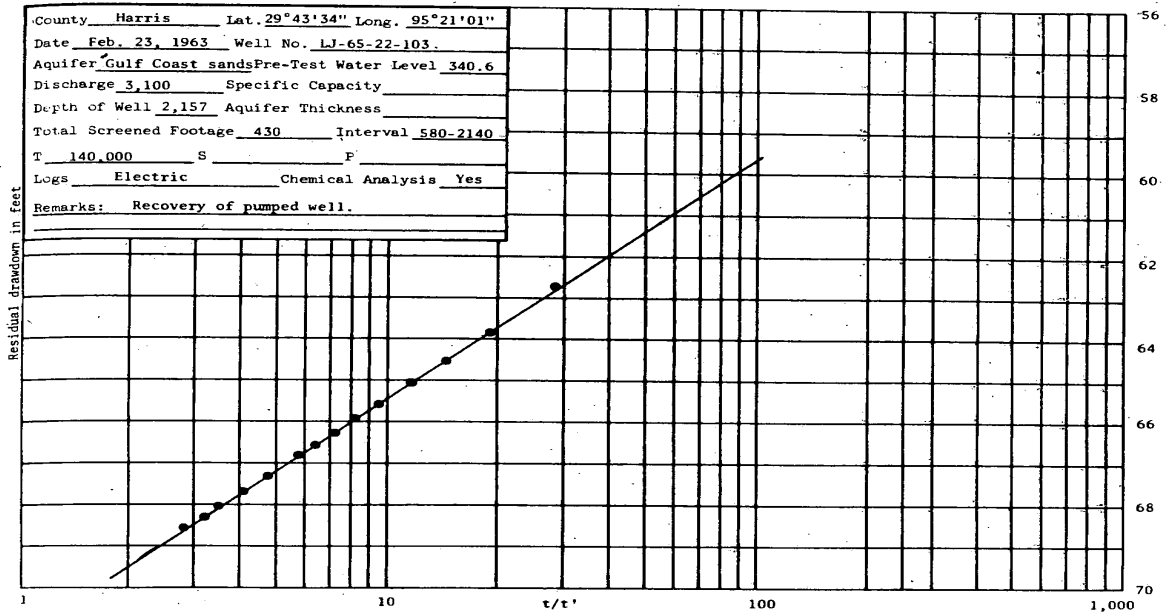
OBSERVERS
Mr. D. E. VAN BUSKIRK

U. S. G. S.
L. LUTHRINGER, PAT HEFFERNAN
FOR LAYNE TEXAS CO.

65-22-103 65-22-10



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WATER UTILITY DATABASE (WUD)

MAP ID# 118 Distance from Property: 2.35 mi. S

PWSID: 1010013
SOURCE ID: G1010013AQ
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 12/29/1962
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - ABANDONED
CCN: P1552
LONGITUDE: -95.350280760
LATITUDE: 29.725833890

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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MAP ID# 118 Distance from Property: 2.35 mi. S

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294334095210101**

STATION NAME: **LJ-65-22-103**

SITE TYPE: **GW**

LATITUDE: **29.726063000** LONGITUDE: **-95.350496000**

DATE DRILLED: **01/21/1963**

WELL DEPTH: **2157 feet**

HOLE DEPTH: **2521 feet**

LOCAL AQUIFER: **EVANGELINE AQUIFER**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 118 Distance from Property: 2.35 mi. S

WELL ID: **1095**
OWNERS NAME: **HOUSTON, CITY OF**
YEAR DRILLED: **1963**
DEPTH DRILLED: **2157'**
STATIC LEVEL: **580'**
WATER USAGE: **PUBLIC SUPPLY**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.350496000**
LATITUDE: **29.726063000**
SOURCE: **HGSD**



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 119 Distance from Property: 2.34 mi. SW

ID NUMBER: TX205263
STATE ID : 65-14-7
OWNER NAME: WILLIAMS BROTHERS WELL #4
DATE DRILLED: 10/16/2002
DEPTH DRILLED: 75'
STATIC LEVEL: 23'
WATER USAGE: DE-WATERING
LONGITUDE: -95.383195000
LATITUDE: 29.738258000
1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205263

Send original copy by certified return receipt requested mail TDLR, P.O. Box 12157, Austin, TX 78711

ATTENTION OWNER: Confidentiality Privilege Notice on reverse side of Well Owner's copy (pink)		State of Texas WELL REPORT			Texas Department of Licensing & Regulation P.O. Box 12157 Austin, TX 78711 512-463-7880			
1) OWNER <u>Williams Brothers</u> ADDRESS <u>PO Box 66428 Houston TX 77266</u>		(Name) <u>WELL #4</u> (Street or RFD) (City) (State) (Zip)		2) ADDRESS OF WELL'S LOCATION: County <u>HARRIS</u> <u>3800 Milam Houston TX 77002</u> Long. Lat. Grid # <u>65-14-7'</u>				
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input checked="" type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRC? <input type="checkbox"/> Yes <input type="checkbox"/> No			5)			
6) WELL LOG: Date Drilling: _____ Started <u>10/16/2002</u> Completed <u>10/16/2002</u>		DIAMETER OF HOLE Dia. (in.) From (ft.) To (ft.) <u>9</u> Surface <u>75</u>		7) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____				
From (ft.) To (ft.) Description and color of formation material		8) Borehole Completion (Check): <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give interval from _____ ft. to _____ ft.						
		CASING, BLANK PIPE, AND WELL SCREEN DATA:						
		Dia. (in.) New or Used		Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial		Setting (ft.) From To		Gage Casting Screen
		<u>6 N</u>		<u>PRC</u>		<u>0</u> <u>12</u>		
		<u>6 N</u>		<u>PRC SCREEN</u>		<u>12</u> <u>36</u>		<u>.020</u>
		<u>6 N</u>		<u>PRC S.</u>		<u>26</u> <u>35</u>		
		<u>6 N</u>		<u>PRC SCREEN</u>		<u>35</u> <u>75</u>		<u>.020</u>
		9) CEMENTING DATA Cemented from <u>0</u> ft. to <u>15</u> ft. No. of sacks used <u>7</u> _____ ft. to _____ ft. No. of sacks used _____ Method used <u>TRIMME</u> Cemented by <u>Aqua Utility Construction LP</u> Distance to septic system field lines or other concentrated contamination _____ ft. Method of verification of above distance _____						
13) <input type="checkbox"/> Well plugged within 48 hours		10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Slab Installed <input checked="" type="checkbox"/> Specified Steel Sleeve Installed <input type="checkbox"/> Pitless Adapter Used <input type="checkbox"/> Approved Alternative Procedure Used						
Casing left in well: From (ft) To (ft)		Cement/bentonite placed in well: From (ft) To (ft)		Sacks used:				
14) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowls, cylinder, jet, etc., _____ ft.		11) WATER LEVEL: Static level <u>23</u> ft. below land surface Date <u>10/16/02</u> Artesian flow _____ gpm Date _____						
15) WELL TESTS: Type test: <input type="checkbox"/> Pump <input type="checkbox"/> Bailor <input checked="" type="checkbox"/> Jetted <input checked="" type="checkbox"/> Estimated Yield: <u>60</u> gpm with _____ ft. drawdown after _____ hrs.		12) PACKERS: Type _____ Depth _____ <u>N/A</u>						
16) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the log(s) being returned for completion and resubmittal.						
COMPANY NAME <u>Aqua Utility Construction LP</u> (Type or print)		WELL DRILLER'S LICENSE NO. <u>2854 W</u>						
ADDRESS <u>PO Box 874</u> (Street or RFD)		<u>Tomball</u> (City)		<u>TX</u> (State)		<u>77377</u> (Zip)		
(Signed) <u>Jef Mueller</u> (Licensed Well Driller)		(Signed) _____ (Registered Driller Trainee)						
<u>Johopy Williams</u>								
Please attach electric log, chemical analysis, and other pertinent information, if available.								

TDLR FORM 001WWD (4/98)

White - TDLR

Yellow - DRILLER

Pink - WELL OWNER



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 119 Distance from Property: 2.34 mi. SW

ID NUMBER: TX205264
STATE ID : 65-14-7
OWNER NAME: WILLIAMS BROTHERS WELL #3
DATE DRILLED: 10/16/2002
DEPTH DRILLED: 75'
STATIC LEVEL: 23'
WATER USAGE: DE-WATERING
LONGITUDE: -95.383195000
LATITUDE: 29.738258000
1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205264

Send original copy by certified return receipt requested mail TDLR, P.O. Box 12157, Austin, TX 78711

ATTENTION OWNER: Confidentiality Privilege Notice on reverse side of Well Owner's copy (pink)		State of Texas WELL REPORT			Texas Department of Licensing & Regulation P.O. Box 12157 Austin, TX 78711 512-463-7880	
1) OWNER <u>Williams Brothers</u> ADDRESS <u>PO Box 66428 Houston TX 77266</u>		2) ADDRESS OF WELL'S LOCATION: <u>WELL #3</u> <u>3800 Milam Houston TX 77002</u> Long. _____ Lat. _____		3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		
4) PROPOSED USE (Check): <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input checked="" type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No		5) _____		6) WELL LOG: Date Drilling: _____ Started <u>10/16/2002</u> Completed <u>10/16/2002</u>		
7) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____		8) Borehole Completion (Check): <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give interval from _____ ft. to _____ ft.		DIAMETER OF HOLE Dia. (in.) From (ft.) To (ft.) <u>9</u> Surface <u>75</u>		
9) CEMENTING DATA Cemented from <u>0</u> ft. to <u>15</u> ft. No. of sacks used <u>7</u> _____ ft. to _____ ft. No. of sacks used _____ Method used <u>TRIMME</u> Cemented by <u>Aqua Utility Construction CP</u> Distance to septic system field lines or other concentrated contamination _____ ft. Method of verification of above distance _____		10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Slab Installed <input checked="" type="checkbox"/> Specified Steel Sleeve Installed <input type="checkbox"/> Pileless Adapter Used <input type="checkbox"/> Approved Alternative Procedure Used		11) WATER LEVEL: Static level <u>23</u> ft. below land surface Date <u>10/16/02</u> Artesian flow _____ gpm. Date _____		
12) PACKERS: <u>RECEIVED</u> Type _____ Depth _____ <u>NOV 23 2002</u>		13) <input type="checkbox"/> Well plugged within 48 hours Casing left in well: _____ Cement/bentonite placed in well: _____ Sacks used: _____ From (ft) To (ft) From (ft) To (ft)		14) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowls, cylinder, jet, etc., _____ ft.		
15) WELL TESTS: Type test: <input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Jetted <input checked="" type="checkbox"/> Estimated Yield: <u>60</u> gpm with _____ ft. drawdown after _____ hrs.		16) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		17) CASING, BLANK PIPE, AND WELL SCREEN DATA: Dia. (in.) New or Used Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial Setting (ft.) From To Gage Casting Screen <u>6</u> <u>N</u> <u>PRC</u> <u>0</u> <u>12</u> _____ <u>6</u> <u>N</u> <u>PRC screen</u> <u>12</u> <u>36</u> <u>.020</u> <u>6</u> <u>N</u> <u>PRC S.</u> <u>26</u> <u>35</u> _____ <u>6</u> <u>N</u> <u>PRC SCREEN</u> <u>35</u> <u>75</u> <u>.020</u>		
I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the log(s) being returned for completion and resubmission.						
COMPANY NAME <u>Aqua Utility Construction CP</u> WELL DRILLER'S LICENSE NO. <u>2854 W</u>		ADDRESS <u>PO Box 874</u> <u>Tomball TX 77377</u>		(Signed) <u>J. Williams</u> (Registered Driller Trainee)		
(Type or print)		(Street or RFD) (City) (State) (Zip)		(Licensed Well Driller)		

TDLR FORM 001WWD (4/98)

White - TDLR

Yellow - DRILLER

Pink - WELL OWNER



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 119 Distance from Property: 2.34 mi. SW

ID NUMBER: TX205265
STATE ID : 65-14-7
OWNER NAME: WILLIAMS BROTHERS WELL #5
DATE DRILLED: 10/17/2002
DEPTH DRILLED: 75'
STATIC LEVEL: 23'
WATER USAGE: DE-WATERING
LONGITUDE: -95.383195000
LATITUDE: 29.738258000
1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205265

Send original copy by certified return receipt requested mail TDLR, P.O. Box 12157, Austin, TX 78711

ATTENTION OWNER: Confidentiality Privilege Notice on reverse side of Well Owner's copy (pink)		State of Texas WELL REPORT		Texas Department of Licensing & Regulation P.O. Box 12157 Austin, TX 78711 512-463-7880																																	
1) OWNER <u>Williams Brothers</u> (Name) ADDRESS <u>PO Box 66428 Houston TX 77266</u> (Street or RFD) (City) (State) (Zip)		2) ADDRESS OF WELL'S LOCATION: <u>WELL #5</u> (Name) <u>3800 Milam Houston TX 77002</u> (Street, RFD or other) (City) (State) (Zip) Long. _____ Lat. _____		County <u>HARRIS</u> Grid # <u>65-14-7</u>																																	
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input checked="" type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No		5) _____																																	
6) WELL LOG: Date Drilling: _____ Started <u>10/17/2002</u> Completed <u>10/17/2002</u>		7) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____		X																																	
DIAMETER OF HOLE		8) Borehole Completion (Check): <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give interval from _____ ft. to _____ ft.																																			
From (ft.) To (ft.) Description and color of formation material		CASING, BLANK PIPE, AND WELL SCREEN DATA:																																			
0 12 BLACK CLAY		<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th rowspan="2">Dia. (in.)</th> <th rowspan="2">New or Used</th> <th rowspan="2">Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial</th> <th colspan="2">Setting (ft.)</th> <th rowspan="2">Gage Casting Screen</th> </tr> <tr> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>N</td> <td>PRC</td> <td>0</td> <td>12</td> <td></td> </tr> <tr> <td>6</td> <td>N</td> <td>PRC SCREEN</td> <td>12</td> <td>26</td> <td>.020</td> </tr> <tr> <td>6</td> <td>N</td> <td>PRC S.</td> <td>26</td> <td>35</td> <td></td> </tr> <tr> <td>6</td> <td>N</td> <td>PRC SCREEN</td> <td>35</td> <td>75</td> <td>.020</td> </tr> </tbody> </table>				Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casting Screen	From	To	6	N	PRC	0	12		6	N	PRC SCREEN	12	26	.020	6	N	PRC S.	26	35		6	N	PRC SCREEN	35	75	.020
Dia. (in.)	New or Used								Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casting Screen																									
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From (ft) To (ft) From (ft) To (ft)		12) PACKERS: Type _____ Depth _____ <u>NOV 28 77377</u>																																			
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16) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the log(s) being returned for completion and resubmittal.																																			
COMPANY NAME <u>Aqua Utility Construction LP</u> (Type or print) WELL DRILLER'S LICENSE NO. <u>2854 W</u>		ADDRESS <u>PO Box 574 Tomball TX 77377</u> (Street or RFD) (City) (State) (Zip)																																			
(Signed) <u>Johnny Williams</u> (Licensed Well Driller)		(Signed) _____ (Registered Driller Trainee)																																			

TDLR FORM 001WWD (4-98)

White - TDLR Yellow - DRILLER Pink - WELL OWNER



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 119 Distance from Property: 2.34 mi. SW

ID NUMBER: TX205267
STATE ID : 65-14-7
OWNER NAME: WILLIAMS BROTHERS WELL #6
DATE DRILLED: 10/17/2002
DEPTH DRILLED: 75'
STATIC LEVEL: 23'
WATER USAGE: DE-WATERING
LONGITUDE: -95.383195000
LATITUDE: 29.738258000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205267

Send original copy by certified return receipt requested mail TDLR, P.O. Box 12157, Austin, TX 78711

State of Texas WELL REPORT			Texas Department of Licensing & Regulation P.O. Box 12157 Austin, TX 78711 512-463-7880		
ATTENTION OWNER: Confidentiality Privilege Notice on reverse side of Well Owner's copy (pink)					
1) OWNER <u>Williams Brothers</u> (Name) ADDRESS <u>PO Box 66428 Houston TX 77266</u> (Street or RFD) (City) (State) (Zip)		2) ADDRESS OF WELL'S LOCATION: <u>WELL # 6</u> (Name) <u>3800 MILAM Houston TX 77002</u> (Street, RFD or other) (City) (State) (Zip) Long. _____ Lat. _____ Grid # <u>65-14-7</u>			
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input checked="" type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No		5) _____	
6) WELL LOG: Date Drilling: _____ Started <u>10/17/2002</u> Completed <u>10/17/2002</u>		DIAMETER OF HOLE Dia. (in.) From (ft.) To (ft.) <u>9</u> Surface <u>75</u>		7) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____	
From (ft.) To (ft.) Description and color of formation material		8) Borehole Completion (Check): <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give interval from _____ ft. to _____ ft.			
<u>0 12 BLACK CLAY</u>					
<u>12 26 SURFACE SAND</u>					
<u>26 35 CLAY</u>					
<u>35 75 SAND</u>					
		CASING, BLANK PIPE, AND WELL SCREEN DATA:			
		Dia. (in.) New or Used Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial		Setting (ft.) From To Gage Casting Screen	
		<u>6 N PFC</u>		<u>0 12</u>	
		<u>6 N PFC SCREEN</u>		<u>12 26 .020</u>	
		<u>6 N PFC S.</u>		<u>26 35</u>	
		<u>6 N PFC SCREEN</u>		<u>35 75 .020</u>	
		9) CEMENTING DATA Cemented from <u>0</u> ft. to <u>15</u> ft. No. of sacks used <u>7</u> _____ ft. to _____ ft. No. of sacks used _____ Method used <u>TRIMME</u> Cemented by <u>Aquacity Construction LP</u> Distance to septic system field lines or other concentrated contamination _____ ft. Method of verification of above distance _____			
13) <input type="checkbox"/> Well plugged within 48 hours		Casing left in well: _____ Cement/bentonite placed in well: _____ Sacks used: _____			
From (ft) To (ft) From (ft) To (ft)					
14) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowls, cylinder, jet, etc., _____ ft.		10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Slab Installed <input checked="" type="checkbox"/> Specified Steel Sleeve Installed <input type="checkbox"/> Pitless Adapter Used <input type="checkbox"/> Approved Alternative Procedure Used			
15) WELL TESTS: Type test: <input type="checkbox"/> Pump <input type="checkbox"/> Baker <input checked="" type="checkbox"/> Jetted <input checked="" type="checkbox"/> Estimated Yield: <u>60</u> gpm with _____ ft. drawdown after _____ hrs.		11) WATER LEVEL: Static level <u>23</u> ft. below land surface Date <u>10/17/2002</u> Artesian flow _____ gpm. Date _____			
16) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		12) PACKERS: Type _____ Depth _____			
I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the log(s) being returned for completion and resubmittal.					
COMPANY NAME <u>Aquacity Construction LP</u> (Type or print)		WELL DRILLER'S LICENSE NO. <u>3854W</u>			
ADDRESS <u>PO Box 874</u> (Street or RFD) <u>Tomball</u> (City) <u>TX</u> (State) <u>77377</u> (Zip)					
(Signed) <u>John Williams</u> (Licensed Well Driller)		(Signed) _____ (Registered Driller Trainee)			
Please attach electric log, chemical analysis, and other pertinent information, if available.					

TDLR FORM 001WWD (4/98)

White - TDLR

Yellow - DRILLER

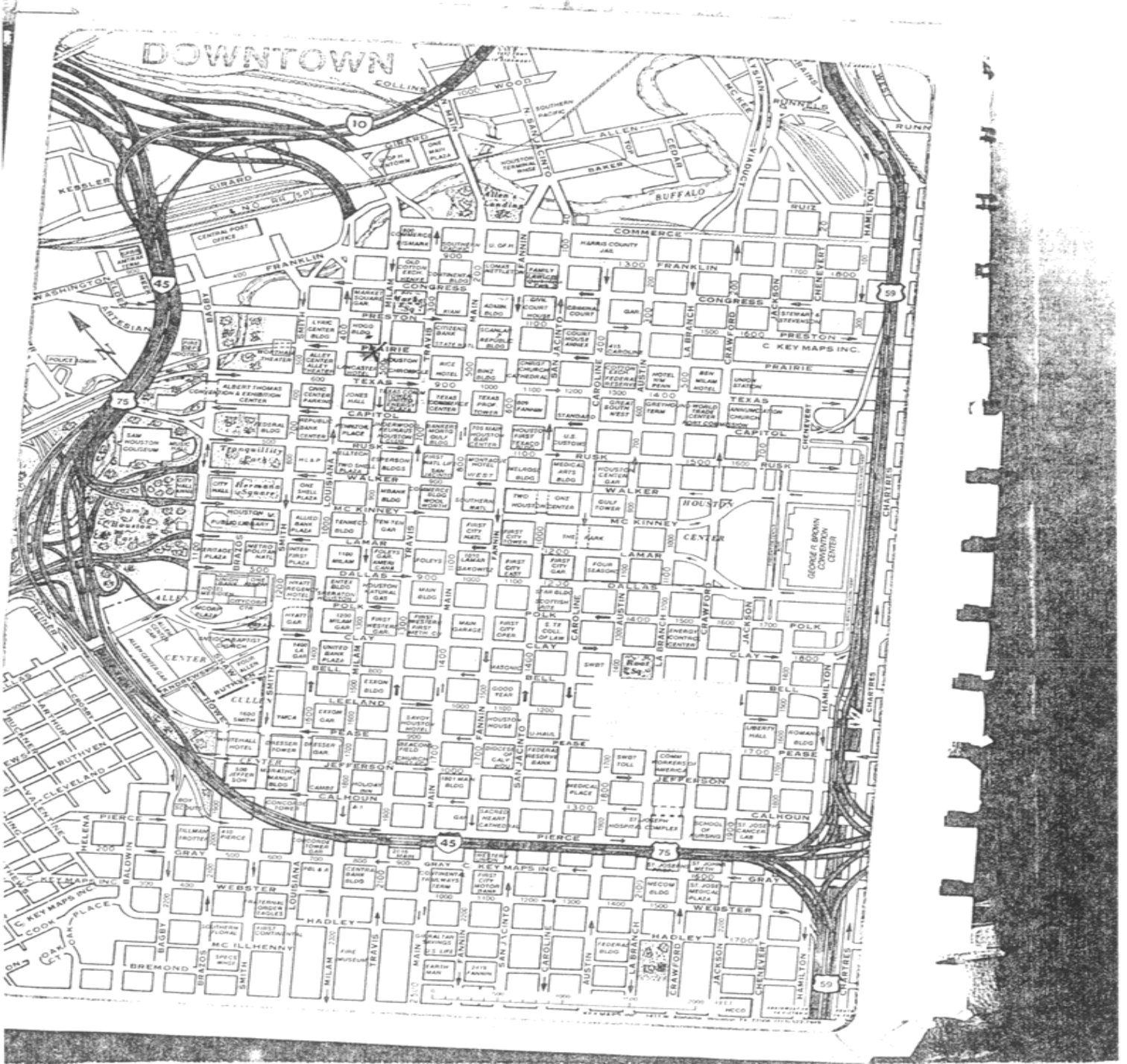
Pink - WELL OWNER



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205267



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 119 Distance from Property: 2.34 mi. SW

ID NUMBER: TX205266
STATE ID : 65-14-7
OWNER NAME: WILLIAMS BROTHERS WELL #10
DATE DRILLED: 10/18/2002
DEPTH DRILLED: 75'
STATIC LEVEL: 23'
WATER USAGE: DE-WATERING
LONGITUDE: -95.383195000
LATITUDE: 29.738258000
1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205266

Send original copy by certified return receipt requested mail TDLR, P.O. Box 12157, Austin, TX 78711

ATTENTION OWNER: Confidentiality Privilege Notice on reverse side of Well Owner's copy (pink)			State of Texas WELL REPORT			Texas Department of Licensing & Regulation P.O. Box 12157 Austin, TX 78711 512-463-7880		
1) OWNER <u>Williams Brothers</u> ADDRESS <u>PO Box 66428 Houston TX 77266</u>			2) ADDRESS OF WELL'S LOCATION: <u>WELL #10</u> <u>3800 Milam Houston TX 77002</u> Long. _____ Lat. _____			County <u>HARRIS</u> (Street, RFD or other) (City) (State) (Zip) Grid # <u>65-14-7</u>		
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging			4) PROPOSED USE (Check): <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input checked="" type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No			5) _____		
6) WELL LOG: Date Drilling: _____ Started <u>10/18/2002</u> Completed <u>10/18/2002</u>			7) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____			X		
DIAMETER OF HOLE Dia. (in.) From (ft.) To (ft.) <u>9</u> <u>Surf</u> <u>4</u> <u>75</u>								
8) Borehole Completion (Check): <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give interval from _____ ft. to _____ ft.			9) CEMENTING DATA Cemented from <u>0</u> ft. to <u>15</u> ft. No. of sacks used <u>7</u> _____ ft. to _____ ft. No. of sacks used _____ Method used <u>TRIMME</u> Cemented by <u>Aqua Utility Construction LP</u> Distance to septic system field lines or other concentrated contamination _____ ft. Method of verification of above distance _____					
13) <input type="checkbox"/> Well plugged within 48 hours			10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Slab Installed <input checked="" type="checkbox"/> Specified Steel Sleeve Installed <input type="checkbox"/> Pitless Adapter Used <input type="checkbox"/> Approved Alternative Procedure Used					
14) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowls, cylinder, jet, etc., _____ ft.			11) WATER LEVEL: Static level <u>23</u> ft. below land surface Date <u>10/18/2002</u> Artesian flow _____ gpm Date _____					
15) WELL TESTS: Type test: <input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Jetted <input checked="" type="checkbox"/> Estimated Yield: <u>60</u> gpm with _____ ft. drawdown after _____ hrs.			12) PACKERS: <u>NOV 22 2002</u> Type _____ Depth _____ <u>N/A</u>					
16) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the log(s) being returned for completion and resubmittal.					
COMPANY NAME <u>Aqua Utility Construction LP</u> (Type or print)			WELL DRILLER'S LICENSE NO. <u>2854 W</u>					
ADDRESS <u>PO Box 874</u> (Street or RFD)			<u>Tomball TX 77377</u> (City) (State) (Zip)					
(Signed) <u>Johnny Williams</u> (Licensed Well Driller)			(Signed) _____ (Registered Driller Trainee)					

TDLR FORM 001WWD (4/98)

White - TDLR

Yellow - DRILLER

Pink - WELL OWNER



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 120 Distance from Property: 2.35 mi. NE

ID NUMBER: TX181648
STATE ID : N/A
OWNER NAME: GEORGE FERGUSON
DATE DRILLED: 09/12/1962
DEPTH DRILLED: 178'
STATIC LEVEL: 115'
WATER USAGE: DOMESTIC
LONGITUDE: -95.325548000
LATITUDE: 29.784548000
1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 181648

File original copy with Texas Water Commission P. O. Box 2311, Capitol Station Austin 11, Texas

State of Texas
DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No. _____
Located on map _____
By _____ Date 110
Map no. _____

1) Well Owner: Hearge Ferguson 4430 Guitman Houston
2) Land Owner: _____
3) Intended use: Industrial Municipal Irrigation Other Home
4) Location of well: County Harris Labor _____ League _____ Abstract No. _____
NW 1 NE 1 SW 1 SE 1 of Section _____ Block No. _____ Survey _____
(Circle as many as are correct)

_____ miles in _____ direction
from _____

Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 4 in. Date drilled Sept 12-1962

All measurements made from 1 ft. above ground level.

From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material
0	10	Surface			
10	30	Yellow clay			
30	140	Red clay			
140	155	Blue clay			
155	178	Hard packed sand			

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION		CASING		SCREEN		
Straight wall <input checked="" type="checkbox"/>	Under reamed <input type="checkbox"/>	Type: Old <input type="checkbox"/> New <input checked="" type="checkbox"/>	Cemented from _____ ft. to _____ ft.	Type <u>Bar lug</u>	Perforated <input checked="" type="checkbox"/>	Slotted <input type="checkbox"/>
Gravel packed <input type="checkbox"/>	Open hole <input type="checkbox"/>	Diameter (inches)	Setting from (ft) to (ft)	Diameter (inches)	Setting from (ft) to (ft)	
Other _____		<u>2"</u>	0 178	<u>2"</u>	170 178	

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.
Driller 12401 Kayla Houston Reg. No. 241

Please attach electric log, chemical analysis, and other pertinent information if available.
If well was tested by your company or if you installed the permanent pump please complete the following:

WATER LEVEL AND PUMP DATA

Static water level <u>115'</u> ft. below _____	Pump type <u>Deep well jet</u>
_____	Designed pumping rate <u>300</u> gpm <input type="checkbox"/> gph <input checked="" type="checkbox"/>
_____	Type power unit <u>Electric</u>
_____	Horsepower <u>1</u>
_____	Depth to bowls, cylinder, jet, etc., <u>147'</u> ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company: _____

C-34 (62-6)

Tx65022u09

181648



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WATER UTILITY DATABASE (WUD)

MAP ID# 121 Distance from Property: 2.35 mi. NNE

PWSID: 1010013
SOURCE ID: G1010013HG
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1931
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.336112980
LATITUDE: 29.790832520

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 122 Distance from Property: 2.35 mi. W

STATE ID: **65-13-902**

OWNER'S NAME: **WASHINGTON LAUNDRY**

DATE DRILLED: **00/00/1936**

DEPTH DRILLED: **487'**

WATER USAGE: **INDUSTRIAL**

LONGITUDE: **-95.391690000**

LATITUDE: **29.767540000**

SOURCE: **TWDB**

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513902/6513902.pdf>



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 123 Distance from Property: 2.37 mi. N

ID NUMBER: TX205395
STATE ID : 65-14-7N
OWNER NAME: HOUSTON INTERNATIONAL TELEPORT, INC
DATE DRILLED: 04/11/1985
DEPTH DRILLED: 60'
STATIC LEVEL: 30'
WATER USAGE: PUBLIC SUPPLY
LONGITUDE: -95.349771000
LATITUDE: 29.794512000
1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205395

24.

Please use black ink. Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Houston International Teleport, Inc. Address 3003 Moffett (City) Houston, Tx. (State) (Zip)

2) LOCATION OF WELL: County Harris miles in _____ direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map. No Map

3) TYPE OF WORK (Check):
 New Well Deepening
 Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Public Supply
 Irrigation Test Well Other _____

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored
 Air Rotary Cable Tool Jetted Other _____

6) WELL LOG:
Date drilled 4-11-85

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
<u>4 3/4</u>	Surface	<u>80'</u>
<u>10"</u>	"	<u>60'</u>

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other Two-String
If Gravel Packed give interval ... from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
						From	To	
0	20	top soil & black clay						
20	40	gray clay						
40	60	gray clay	6"	N	Class 200 pvc Casing	+24"	60'	
60	80	sand 12 ga.	4"	N	Well Supplies, Inc. Screen	80'	60'	12ga
			4"	N	PVC Blank Liner	60'	64'	

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 60 ft. to Surface ft.
Method used Pressure cement
Cemented by Raymond Water Wells

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 30' ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc., 60' ft.

14) WELL TESTS:
Type Test: Pump Bailor Jetted Estimated
Yield: 27 gpm with 5 ft. drawdown after 4 hrs.

15) WATER QUALITY: DEPT. OF WATER RESOURCES
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Raymond Water Wells Water Well Driller's License No. 774
(Type or Print)

ADDRESS 10011 Airline Dr. (City) Houston, Tx. (State) 77037 (Zip)
(Street or RFD)

(Signed) C.A. Raymond Jr. (Registered Driller Trainee)
(License or Water Well Driller's)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 65-14-7W
Located on map Yes DLE

TDWR-0392 (12/29/83)

DEPARTMENT OF WATER RESOURCES COPY



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 124 Distance from Property: 2.37 mi. SSE

WELL ID: **3458**
OWNERS NAME: **UNIVERSITY OF HOUSTON**
YEAR DRILLED: **1986**
DEPTH DRILLED: **100'**
STATIC LEVEL: **100'**
WATER USAGE: **OTHER**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.340243000**
LATITUDE: **29.727488000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 124 Distance from Property: 2.37 mi. SSE

STATE ID: **65-22-102**

OWNER'S NAME: **UNIVERSITY OF HOUSTON**

DATE DRILLED: **00/00/1957**

DEPTH DRILLED: **2436'**

WATER USAGE:

LONGITUDE: **-95.340240000**

LATITUDE: **29.727490000**

SOURCE: **TWDB**

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522102/6522102.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-22-102

TEXAS WATER DEVELOPMENT BOARD WELL SCHEDULE

State Well Number - 65 22 102 Previous Well Number - _____ County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 43 13 Longitude - 95 20 22 Source of Coords - 1

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____
Owner - University of Houston Driller - _____

Address _____ Tenant/Oper. _____
Date Drilled - / /1957 Depth - 2,436 ft. Source of Depth - _____ Altitude - 42 ft. Source of Alt. - _____
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - _____

WELL CONSTRUCTION Const. Method - _____ Casing Material - _____ Screen Material - _____
Completion - _____

LIFT DATA - Pump Mfr. _____ Type - _____ No. Stages _____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - _____ Horsepower - _____

YIELD Flow- _____ GPM Pump- _____ GPM Meas., Rept., Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM

Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft

QUALITY (Remarks- _____)

WATER USE Primary- _____ Secondary- _____ Tertiary- _____

OTHER DATA AVAILABLE Water Levels- N Quality- Y Logs- _____ Other Data- _____

WATER LEVELS Date- / / Measurement- _____
Date- / / Measurement- _____

Recorded By _____ Date Record Collected or Updated- / /

- 1| Casing or Blank Pipe (C)
- 2| Well Screen or Slotted Zone (
- 3| Open Hole (O)
- 4| Cemented from _____ to _____
- 5| Diam. Setting(feet)
- 6| (in.) From To
- 7|
- 8|
- 9|
- 10|
- 11|
- 12|
- 13|
- 14|
- 15|
- 16|
- 17|
- 18|
- 19|

Reporting Agency - _____
REMARKS -
Test well 1. Clay compaction test
data in files of U.S.G.S.

Aquifer - 121EVGL
Well No. - 65 22 102



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 124 Distance from Property: 2.37 mi. SSE

WELL ID: **1687**
OWNERS NAME: **UNIVERSITY OF HOUSTON**
YEAR DRILLED: **1965**
DEPTH DRILLED: **748'**
STATIC LEVEL: **745'**
WATER USAGE: **INDUSTRIAL**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.340243000**
LATITUDE: **29.727488000**
SOURCE: **HGSD**



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 125 Distance from Property: 2.38 mi. WNW

ID NUMBER: TX205396
STATE ID : 65-14-7H
OWNER NAME: NATIONAL BEVERAGE CO
DATE DRILLED: 06/12/1975
DEPTH DRILLED: 338'
STATIC LEVEL: 150'
WATER USAGE: DOMESTIC
LONGITUDE: -95.388599000
LATITUDE: 29.775943000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205396

82

65-147H
 For TCEQ use only
 Well No. 65-14-7H
 Located on map Yes
 Received: 7/4
dlr

Send original copy by certified mail to the Texas Water Development Board, P. O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT

1) OWNER:
 Person having well drilled NATIONAL BEVERAGE Co. Address 1600 STUDEMONT HOUSTON TEXAS
(Name) (Street or RFD) (City) (State)
 Landowner SAME Address SAME
(Name) (Street or RFD) (City) (State)

2) LOCATION OF WELL:
 County BARKS miles in _____ direction from _____
(N.E., S.W., etc.) (Town)
 Locate by sketch map showing landmarks, roads, creeks, highway number, etc.*
Map on #82
65-08-9X
(Use reverse side if necessary)
 OR
 Give legal location with distances and directions from adjacent sections or survey lines.
 Labor _____ League _____
 Block _____ Survey _____
 Abstract No. _____
(NNE NESE SNE SSE) of Section _____

3) TYPE OF WORK (Check):
 New Well Deepening _____
 Reconditioning _____ Plugging _____

4) PROPOSED USE (Check):
 Domestic Industrial _____ Municipal _____
 Irrigation _____ Test Well _____ Other _____

5) TYPE OF WELL (Check):
 Rotary Driven _____ Dug _____
 Cable _____ Jetted _____ Bored _____

6) WELL LOG:
 Diameter of hole 6 1/2" in. Depth drilled 338 ft. Depth of completed well 338 ft. Date drilled 6-12-75
 All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	9) Casing:
0	4	Top soil	Type: Old _____ New <input checked="" type="checkbox"/> Steel _____ Plastic _____ Other _____
4	290	UNCONSOLIDATED	Cemented from <u>240</u> ft. to <u>290</u> ft.
290	338	SAND + GRAVEL	Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Gage _____
			<u>4"</u> <u>0</u> <u>290</u>

10) SCREEN:
 Type S.S. Rod Base
 Perforated _____ Slotted _____
 Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Slot Size _____
2" 318 338 1/8"

7) COMPLETION (Check):
 Straight wall _____ Gravel packed _____ Other _____
 Under reamed _____ Open Hole _____

8) WATER LEVEL:
 Static level 15' ft. below land surface Date 6-12-75
 Artesian pressure _____ lbs. per square inch Date _____
 Depth to pump bowls, cylinder, jet, etc., 190' ft. below land surface.

11) WELL TESTS:
 Was a pump test made? Yes _____ No If yes, by whom? _____
 Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
 Bailor test _____ gpm with _____ ft. drawdown after _____ hrs.
 Artesian flow _____ gpm
 Temperature of water _____

12) WATER QUALITY:
 Was a chemical analysis made? Yes _____ No
 Did any strata contain undesirable water? Yes _____ No _____
 Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Tommy C. Busse II Water Well Drillers Registration No. 707
(Type or Print)
 ADDRESS 973 N. Dow. Barclay Hou. Tex
(Street or RFD) (City) (State)
 (Signed) Tommy C. Busse II Busse II + Son Inc.
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

Page # 2 out of 2
Water Well ID: 205396



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 126 Distance from Property: 2.38 mi. NNW

ID NUMBER: TX205391
STATE ID : 65-15-4
OWNER NAME: METAL ENTERPRISES, INC
DATE DRILLED: 03/21/1986
DEPTH DRILLED: 179'
STATIC LEVEL: 140'
WATER USAGE: IRRIGATION
LONGITUDE: -95.365236000
LATITUDE: 29.793216000
2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205391

30.

- 2m: NISL
- 6m: EILW

Please use black ink. Send original copy by certified mail to the Texas Department of Water Resources, P. O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Metal Enterprises, Inc Address 310 North Street Houston, Tx. 77002
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: Harris County miles in _____ direction from _____
(Town)

3) TYPE OF WORK (Check):
 New Well Deepening
 Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Public Supply
 Irrigation Test Well Other

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored
 Air Rotary Cable Tool Jetted Other

6) WELL LOG:
 Date drilled 3-21-86

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
4 3/4	Surface	200'
6 3/4	"	179'

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
 If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
						From	To	
0	9'	Surface Clay						
9'	10'	rock						
10'	19'	surface clay	4"	N	SCH 40 PVC Casing	+24"	179'	
19'	20'	rock	2 1/2"	N	Well Supplies, Inc.			
20'	40'	red and yll clay			PVC Screen	200'	180'	14ga.
40'	60'	red and yellow clay	2 1/2"	N	SCH 40 PVC Blank	180'	170'	
60'	80'	red and yellow clay						
80'	100'	red and yellow clay						
100'	110'	fine red sand						
110'	130'	clay						
130'	150'	clay						
170'	176'	clay						
176'	200'	sand and small gravel						

9) CEMENTING DATA: [Rule 319.44(b)]
 Cemented from 179 ft. to 60' ft.
 Method used Pressure Cement
 Cemented by Raymond Water Wells

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
 Static level 140 ft. below land surface Date _____
 Artesian flow _____ gpm. Date _____

PACKERS: Type _____ Depth 170'

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other Windmill
 Depth to pump bowls, cylinder, jet, etc., 160' ft.

14) WELL TESTS:
 Type Test: Pump Bailer Jetted Estimated
 Yield: 3.5 gpm with 0 ft. drawdown after 3 hrs.

15) WATER QUALITY:
 Did you knowingly penetrate any strata which contained undesirable water? Yes No
 If yes, submit "REPORT OF UNDESIRABLE WATER"
 Type of water? _____ Depth of strata _____
 Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Raymond Water Wells Water Well Driller's License No. 774
(Type or Print)

ADDRESS 10011 Airline Drive Houston, Texas 77037
(Street or RFD) (City) (State) (Zip)

(Signed) C.A. Raymond Jr. (Registered Driller Trainee) For TDWR use only Well No. 65-14-4
Located on map _____

Please attach electric log, chemical analysis, and other pertinent information, if available.

RECEIVED
SEP - 2 1986

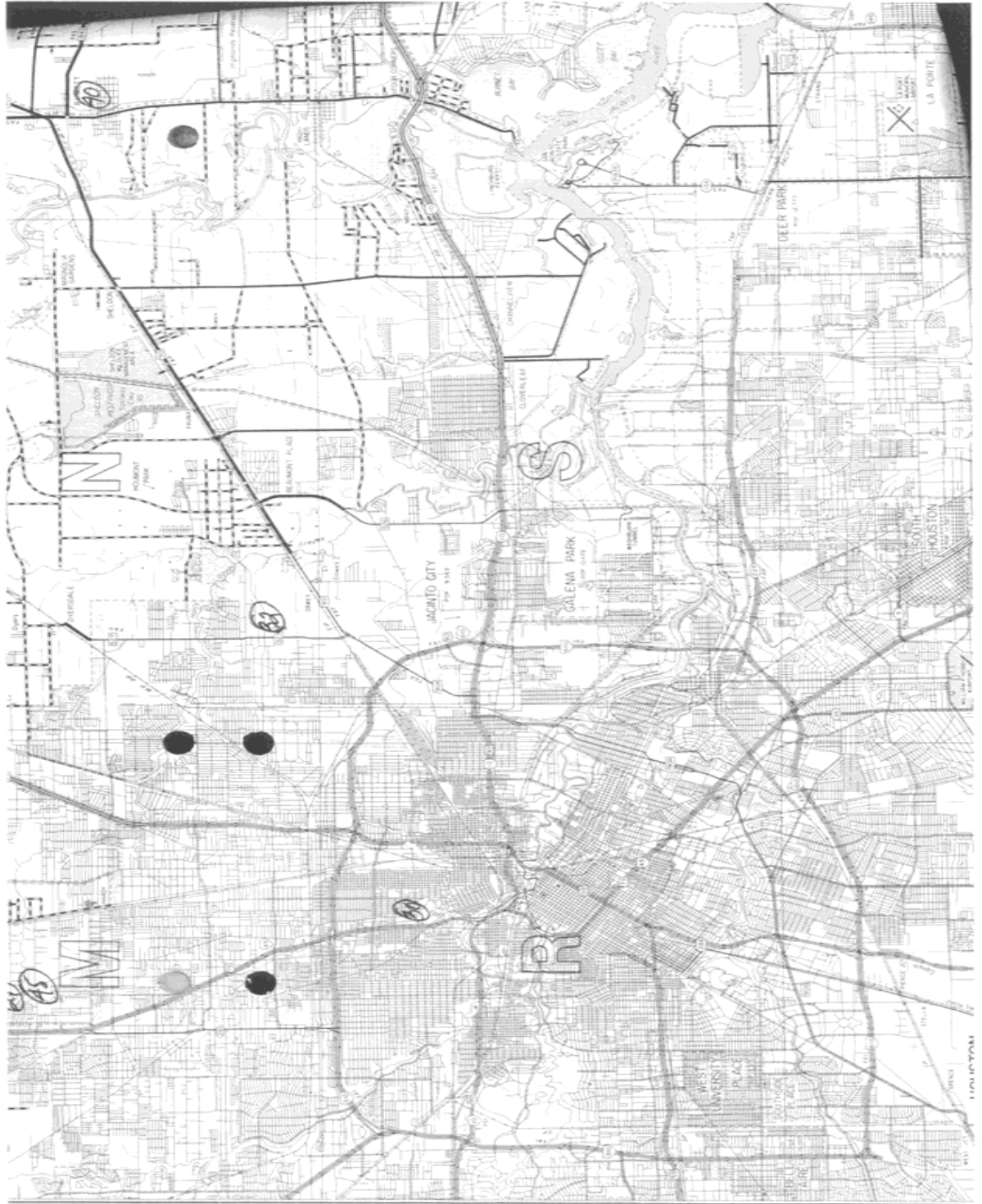
TCEQ'S WATER COMMISSION

TDWR-0392 (12/29/83)

DEPARTMENT OF WATER RESOURCES COPY



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 127 Distance from Property: 2.38 mi. E

STATE ID: 65-14-816
OWNER'S NAME: STANDARD ASBESTOS CO.
DATE DRILLED: 00/00/1938
DEPTH DRILLED: 325'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.313290000
LATITUDE: 29.763500000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514816/6514816.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-816

Texas Water Development Board Well Schedule

State Well Number 6514816 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294547 Longitude 951849 Source of Coords 2

Owner's Well No. Location
Owner Standard Asbestos Co. Driller A. E. Fawcett Sr.

Address Tenant/Oper.

Date Drilled / /1938 Depth 325 Source of Depth Altitude 41 Source of Alt.
Well Type W User

WEL CONSTRUCTION Const-Method Completion Casing Material Screen Material Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____

LIFT DATA - Pump Mfr. - Type - CENTRIFUGAL PUMP No. Stages
Bowls Diam - in. Setting - ft. Column Diam. - in.
Motor Mfr. - Fuel or Power - ELECTRIC MOTOR Horsepower -
YIELD Flow- GPM Pump GPM Meas.,Rept.,Est.- Date-

WATER USE Primary - INDUSTRIAL Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - Other Data -

WATER LEVELS 1 measurement
1938
-78

Recorded By Date Record Collected or Updated - 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: Screen from 310 to 325 ft.

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER,LOWER

Monday, August 02, 2004

Well Number - 6514816



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 128 Distance from Property: 2.41 mi. NNE

ID NUMBER: TX205394
STATE ID : 65-14-7M
OWNER NAME: M & N WELL SERVICE
DATE DRILLED: 06/01/1985
DEPTH DRILLED: 346'
STATIC LEVEL: 235'
WATER USAGE: DOMESTIC
LONGITUDE: -95.342461000
LATITUDE: 29.794025000
1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205394

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT
Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER: M + N Well Ser (Name) Address: 4422 Barton Heights (Street or RFD) Houston (City) Tx (State) 77093 (Zip)

2) LOCATION OF WELL: County Harris miles in _____ direction from _____ (Town)

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map. map on 6-5-14-40

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Irrigation Test Well Other _____

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored
 Air Rotary Cable Tool Jetted Other _____

6) WELL LOG:
Date drilled: 6-1-85

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
	Surface	
<u>0.375</u>	<u>0</u>	<u>346</u>

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Undrilled
 Gravel Packed Other 2 string
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
						From	To	
<u>0 - 94</u>	<u>75</u>	<u>clay</u>						
<u>94 - 106</u>	<u>106</u>	<u>clay</u>						
<u>106 - 220</u>	<u>220</u>	<u>clay</u>						
<u>220 - 252</u>	<u>252</u>	<u>clay</u>						
<u>252 - 323</u>	<u>323</u>	<u>clay</u>						
<u>323 - 346</u>	<u>346</u>	<u>sand</u>						

9) WATER LEVEL:
Static level 235 ft. below land surface Date 6-2-85
Artesian flow _____ gpm. Date _____

10) PACKERS: Type 4x2 1/2 K Pade Depth 325

11) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, etc. _____ ft.
Did not set temp

12) WELL TESTS:
 Type Test Pump Test Jetted Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME: ALLWEATHER W.W.S. (Type or Print) WATER Well Driller's License No. 1929
ADDRESS: 25380 Riched Rd (Street or RFD) Spring (City) Tx (State) 77386 (Zip)

(Signed) OK. Billings (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 65-14-7M
Located on map YES C-F-S



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 129 Distance from Property: 2.41 mi. WSW

STATE ID: 65-21-334
OWNER'S NAME: BABA YEGA RESTURANT
DATE DRILLED: 04/03/2002
DEPTH DRILLED: 270'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.390263000
LATITUDE: 29.746232000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521334/6521334.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-21-334

Texas Water Development Board Well Schedule

State Well Number 6521334	Previous Well Number	County Harris	201
River Basin 10 San Jacinto River	Zone 1	Latitude 294447	Longitude 952324
Owner's Well No.		Source of Coords 0	
Owner Baba Yega Resturant	Location	Driller	
Address		Tenant/Oper.	
Date Drilled	Depth 270	Source of Depth A	Altitude
			Source of Alt. M
			Well Type W User
WELL CONSTRUCTION	Const-Method	Casing Material	Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____
	Completion	Screen Material	
LIFT DATA -	Pump Mfr. -	Type -	No. Stages
Bowls Diam -	in.	Setting -	ft.
Motor Mfr. -	Fuel or Power -	Column Diam. -	in.
YIELD Flow-	GPM	Pump-	GPM
		Meas.,Rept.,Est.-	Date-
WATER USE	Primary -	Secondary -	Tertiary -
OTHER DATA AVAILABLE	Water Levels - N	Quality - N	Logs -
			Other Data -
WATER LEVELS			
Recorded By	Date Record Collected or Updated - 03/05/2004		
Reporting Agency 02			
REMARKS -			

Aquifer - 112CHCT **ID -** 15
CHICOT
AQUIFER

Tuesday, July 24, 2007

Well Number - 6521334



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 129 Distance from Property: 2.41 mi. WSW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294447095232401**

STATION NAME: **LJ-65-21-334**

SITE TYPE: **GW**

LATITUDE: **29.746232000** LONGITUDE: **-95.390263000**

DATE DRILLED: **04/03/2002**

WELL DEPTH: **270 feet**

HOLE DEPTH: **270 feet**

LOCAL AQUIFER: **CHICOT AQUIFER**



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SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 129 Distance from Property: 2.41 mi. WSW

TRACK #: 6306

DATE ENTERED: 2002-04-08

OWNER NAME: BABA YEGA RESTURANT

OWNER ADDRESS: 2607 GRANT ST
HOUSTON, TX 77006

COUNTY: HARRIS

LATITUDE: 29.746389000 LONGITUDE: -95.390000000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=6306&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2002-04-02
DRILLING DATE (COMPLETED): 2002-04-03
DEPTH DRILLED: 270'

WATER LEVEL:

STATIC LEVEL: 160'
WATER LEVEL DATE: 2002-04-03
TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

INDUSTRIAL

COMPANY INFORMATION:

COMPANY NAME: SCOTT DRILLING INC
COMPANY ADDRESS: 11923 GREEN PINE CIRCLE
HOUSTON, TX 77066

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 129 Distance from Property: 2.41 mi. WSW

WELL ID: **9086**
OWNERS NAME:
YEAR DRILLED: **2002**
DEPTH DRILLED: **400'**
STATIC LEVEL: **385'**
WATER USAGE: **OTHER**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.390263000**
LATITUDE: **29.746236000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 130 Distance from Property: 2.44 mi. W

STATE ID: **65-13-942**

OWNER'S NAME: **AMERICAN GENERAL INS.**

DATE DRILLED: **00/00/1963**

DEPTH DRILLED: **1337'**

WATER USAGE:

LONGITUDE: **-95.394055000**

LATITUDE: **29.760426000**

SOURCE: **TWDB**

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513942/6513942.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 14
State ID: 65-13-942

TEXAS DEPARTMENT OF WATER RESOURCES
WELL SCHEDULE

Aquifer(s) Evangelina Project No. _____ State Well No. 65-13-942
Field No./Owner's Well No. _____ County Harris

1. Location: _____, Section _____, Block _____, Survey _____, Lat. _____, Long. _____

2. Owner: American General Insurance Address: _____
Tenant (other): _____ Address: _____
Driller: Lynco Texas Address: _____

3. Land Surface Elevation: 35 ft. above msl determined by _____

4. Drilled: _____ 19 63; Dug, Cable Tool, Rotary, Air, _____

5. Depth: Rept. 1337 ft. Meas. _____ ft.

6. Borehole Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed

7. Pump: Mfr. _____ Type _____
No. Stages _____, Bowls Diam. _____ in., Setting _____ ft.
Column Diam. _____ in., Length Tailpipe _____ ft.

8. Motor: Mfr. _____ Fuel _____ HP _____

9. Yield: Flow _____ gpm, Pump _____ gpm, Meas., Rept., Est. _____ Date _____

10. Performance Test: Date 10/63 Length of Test _____ Made by L-T
Static Level 277 ft. Pumping Level 310 ft. Drawdown 33 ft.
Production 784 gpm Specific Capacity _____ gpm/ft.

11. Quality: (Remarks on taste, odor, color, etc.) _____

Analyses
Date 9/5/63 Laboratory Edna Wood TDS _____ Sp Cond 460
Date _____ Laboratory _____ TDS _____ Sp Cond _____

12. Other data available (as circled): Pumping Test, Power & Yield Test, Drillers Log,
Formation Samples, Geophysical Log(s) _____ (type)

13. Water Level(s): _____ ft. rept. _____ 19 _____ above _____ which is _____ ft. above
meas. _____ below Land Surface
_____ ft. rept. _____ 19 _____ above _____ which is _____ ft. above
meas. _____ below Land Surface

14. Use: Dom., Stock, Public Supply Ind., Irr., Observation, Other (Test Hole, Oil Test, etc.) _____

15. Recorded by: _____ Source of data: _____ Date: _____

16. Remarks: _____

17. Location or Sketch: _____

CASING, BLANK PIPE & WELL SCREEN Cemented From _____ ft. to _____ ft.			
Diam. (in.)	Type	Setting (feet)	
		From	to
14			1090
8			1337

TDWR-0308

W/L Obs. Well _____ W/D Obs. Well _____
State Well No. 65-13-942



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 14
State ID: 65-13-942

FORM NO. 1202

LAYNE TEXAS COMPANY
HOUSTON -- DALLAS
MATERIAL SETTING

REPORT NO 6497
S. O. 2426-63
PAGE 1 OF 1
FILE NO 2813
DATE 10-9-63

CUSTOMER LOCATION		WELL DATA	
FOR W. S. BELLOWS CONSTRUCTION CO. FOR AMERICAN GENERAL INSURANCE BLDG.		NAME WELL	WELL NO. 1
LOCATION WELL HOUSTON		ELEVATION	DATUM
SURVEY		FIELD	TYPE WELL GRAVEL-WALL
COUNTY HARRIS STATE TEXAS		SURFACE CASING CEMENTED YES	NO. BAGS 455.8% GEL
OTHER LAND MARKS ON ALLEN PARKWAY		SIZE HOLE UNDERREAMED 30"	DEPTH 1337'
		GRAVEL TYPE 112, 13, 165	NO. CU. YDS 114
		PIPE SCREEN S.S. W.W.	GAGE .040"
		DRILLER GUY PATTON	RIG NO 247
		OTHER G.E. FERGUSON, F. R. WALL	

DEPTH	LENGTH	SIZE, KIND, WEIGHT MATERIAL	SKETCH
+2'		14" O.D. SURFACE CASING 2' ABOVE GROUND	
0		SURFACE	
990.55'		TOP OF 8-5/8" O.D. LINER	
1090'	1092'	14" O.D. SURFACE CASING .375 WALL PIPE	
1099.97'	109.42'	8-5/8" O.D. BLANK LINER	
1131.67'	31.70'	8-5/8" O.D. S.S. W.W. SCREEN .040 GA.	
1134.27'	2.60'	8-5/8" O.D. BLANK PIPE	
1176.52'	42.25'	8-5/8" O.D. S.S. W.W. SCREEN .040 GA.	
1180.02'	3.50'	8-5/8" O.D. BLANK PIPE	
1200.52'	20.50'	8-5/8" O.D. S.S. W.W. SCREEN .040 GA.	
1210.44'	9.92'	8-5/8" O.D. BLANK PIPE	
1230.44'	20.00'	8-5/8" O.D. S.S. W.W. SCREEN .040 GA.	
1254.59'	24.15'	8-5/8" O.D. BLANK PIPE	
1274.59'	20.00'	8-5/8" O.D. S.S. W.W. SCREEN .040 GA.	
1293.71'	19.12'	8-5/8" O.D. BLANK PIPE	
1325.00'	31.29'	8-5/8" O.D. S.S. W.W. SCREEN .040 GA.	
1335.00'	10.00'	8-5/8" O.D. BLANK PIPE	
1337.00'	2.00'	8-5/8" O.D. SET NIPPLE & B.P. VALVE	
TOTAL DEPTH 1337 FT.			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 3 out of 14
State ID: 65-13-942

LAYNE TEXAS COMPANY
HOUSTON -- DALLAS
WATER WELL TEST

REPORT NO. 6498
WELL NO. 2426-63
PAGE 2 OF 2
DATE 2813
10-9-63

CUSTOMER LOCATION TEST FOR W. S. BELLOWS CONSTRUCTION CO. FOR AMERICAN GENERAL INSURANCE BLDG. LOCATION OF WELL HOUSTON SURVEY FIELD COUNTY HARRIS STATE TEXAS DESCRIPTION OF LAND MARKS ON ALLEN PARKWAY		WELL DATA NAME WELL WELL NO. 1 ELEVATION DATE WELL SIZE 14" x 8-5/8" x 30" UR TOTAL DEPTH 1337' TOP SCREEN 1099.97' GRAVEL WELL YES STRAIGHT WELL TYPE SCREEN S.S. W.W. GAGE .040" TEMPERATURE OF WATER WATER CONDITION CLEAR	
--	--	--	--

WATER MEASURING DEVICE ORIFICE SIZE 8"x6" LENGTH 5' OTHER		TEST PUMP DATA DEPTH BETWEEN TOP OF BOWL AND WELL 390' LENGTH AIR LINE 400' SIZE 1/4" TYPE BOWL WMC 12" NO. STAGES 9 LENGTH BOWL SECTION FT	
--	--	---	--

SAND CONTENT OZ PER 100 GAL ACTIVE STATIC HEAD AFTER PUMP STOPPED 5 MIN FT 20 MIN FT 10 MIN FT 25 MIN FT 15 MIN FT 30 MIN FT				WATER SAMPLE TAKEN NO. SAMPLES BACTERIOLOGICAL SAMPLE TAKEN DRAWDOWN FEET TEST CAPACITY			
---	--	--	--	--	--	--	--

DATE HOUR	AIR LINE GAGE	PUMPING LEVEL	DISCH PRESS	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
9:30PM	84	310		24 1/2	784		F.R.W.	
10:00	84	310		24 1/2	784			
10:30	84	310		24 1/2	784			
11:00	84	310		24 1/2	784			
11:30	84	310		24 1/2	784			
12:00 M	84	310		24 1/2	784			
12:30 AM	84	310		24 1/2	784		J.B.D.	10/3/63
1:00	84	310		24 1/2	784			
1:30	84	310		24 1/2	784			
2:00	83	311		24 1/2	784			
2:30	83	311		24 1/2	784			
3:00	83	311		24 1/2	784			
3:30	83	311		24 1/2	784			
4:00	83	311		24 1/2	784			
4:30	83	311		24 1/2	784			
5:00	83	311		24 1/2	784			
5:30	83	311		24 1/2	784			
6:00	83	311		24 1/2	784			
6:30	83	311		24 1/2	784			
7:00	83	311		24 1/2	784			
7:30	83	311		24 1/2	784			
8:00	83	311		24 1/2	784		G.P.	

OBSERVERS
THAD BRYANT (ARCHT. REPRESENTATIVE)
FOR OWNER

GUY PATTON
FOR LAYNE TEXAS CO

65-13-9A

65-13-942

FORM NO. 25



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 4 out of 14
State ID: 65-13-942

LAYNE TEXAS COMPANY
HOUSTON - DALLAS
WATER WELL TEST

REPORT NO. 6498
WELL NO. 2426-63
PAGE 1 OF 2
WELL ID 2813
DATE 10-9-63

CUSTOMER LOCATION TEST FOR W.S. BELLOWS CONSTRUCTION CO. FOR AMERICAN GENERAL INSURANCE BUILDING LOCATION OF WELL HOUSTON SURVEY FIELD COUNTY HARRIS STATE TEXAS DESCRIPTION OF LAND MARKS ON ALLEN PARKWAY		WELL DATA NAME WELL WELL NO. 1 ELEVATION AT LEAST WELL SIZE 14" 8-5/8" x 30" UR TEST DEPTH 1337' TEST SCREEN 1099.97' GRAVEL WELL YES STRAINER WELL CASE SCREEN S.S. W.W. CASE .040" TEMPERATURE OF WATER WATER CONDITION CLEAR						
WATER MEASURING DEVICE ORIFICE SIZE 8"x6" LENGTH 5' OTHER		TEST PUMP DATA TEST HEAD IN FEET 390' LENGTH OF TEST LINE 400' SIZE 1/4" TYPE OF WELL WMC TEST SCREEN 12" NO. STRAINER 9 TEST SCREEN						
SAND CONTENT 0 OZ. PER 100 GAL ACTIVE STATIC HEAD AFTER PUMP STOPPED 5 MIN 282 FT. 20 MIN 280 FT. 10 MIN 281 FT. 25 MIN 280.5 FT. 15 MIN 280 FT. 30 MIN 279 FT. S.L. BEFORE START 277 FT.		WATER SAMPLE TAKEN YES NO SAMPLES 1 BOTTLE NO. AND SAMPLE TAKEN DRAWN BY						
DATE HOOR	AIR LINE GAGE	PUMPING LEVEL	DOWN PIPES	HEAD ON ORIFICE INCHES	DEPTH	RPM	OPERATOR	REMARKS
10/2/63	STARTED TEST AT 8:00 A.M.							
8:30AM	85	309		24 1/2	784		G.P.	
9:00	85	309		24 1/2	784			
9:30	85	309		24 1/2	784			
10:00	86	308		24	776			
10:30	86	308		24	776			
11:00	86	308		24	776			
11:30	85	309		24 1/2	784			
12:00 N	85	309		24 1/2	784			
12:30 PM	85	309		24 1/2	784			
1:00	85	309		24 1/2	784			
1:30	85	309		24 1/2	784			
2:00	84.5	309.5		24 1/2	784			
2:30	84.5	309.5		24 1/2	784			
3:00	84.5	310		24 1/2	784			
3:30	84.5	310		24 1/2	784			
4:00	84.5	310		24 1/2	784			
4:30	84.5	310		24 1/2	784			
5:00	84.5	310		24 1/2	784		F.R.W.	
5:30	84.5	310		24 1/2	784			
6:00	84.5	310		24 1/2	784			
6:30	84.5	310		24 1/2	784			
7:00	84.5	310		24 1/2	784			
7:30	84.5	310		24 1/2	784			
8:00	84.5	310		24 1/2	784			
8:30	84.2	310		24 1/2	784			
9:00	84.2	310		24 1/2	784			

OBSERVERS
THAD BRYANT, ARCHT. REPRESENTATIVE
FOR OWNER

GUY PATTON
FOR LAYNE TEXAS CO.

65-139A
65-13-942

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 5 out of 14
State ID: 65-13-942

MICROBIOLOGY SERVICE LABORATORIES

RI 7-7271 RI-7-9170

analytical chemists . . . microbiologists 10 September 1963

5400 G. M. ...
Houston 21, Texas
4820 Old Spanish Trail

To: Layne Texas Company
Houston, Texas

SO 2426-63

Sample marked: Well No. 1, W. S. Bellows Constr. Co., American General Ins. Group, Allen Parkway, Harris County, Texas. Taken: 9-5-63. Pumping at 30 gpm with Air Pump. Cone Packer at 1205'. Screened: 1213-1235'. F. R. Wall.

Rec'd: 9-6-63. Sample filtered for analysis.

WATER ANALYSIS
results in parts per million (mg/l) except as noted

Dissolved Residue at 105°C		264	Conductance, micromhos/cm, 25°C	460
Total Dissolved Solids, actual†		387	Color, units	20
Total Dissolved Solids, calc.		391	Turbidity, units	ND
Silica	SiO ₂	15	As Calcium Carbonate, CaCO ₃ :	
Iron and Aluminum Oxides	R ₂ O ₃	0	Phenolphthalein Alkalinity	0
Calcium	Ca	25	Total Alkalinity	198
Magnesium	Mg	7	Total Hardness	93
Sodium (diff.) Na+K as	Na	69	Free Carbon Dioxide	CO ₂ 0
Carbonate	CO ₃	0	pH . . .	8.35
Bicarbonate	HCO ₃	242	HYPOTHETICAL COMBINATIONS	
Sulfate	SO ₄	7	Calcium Bicarbonate	101
Chloride	Cl	26	Magnesium Bicarbonate	45
Dissolved Iron	Fe	0.19	Sodium Bicarbonate	177
Total Iron			Sodium Sulfate	11
			Sodium Chloride	42
			SiO ₂ +R ₂ O ₃	15
			Total Dissolved Solids, calc.	391

† Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO₃) ion

Microbiology Service Laboratories

By: _____
Edna Wood

65-13-9A
65-13-942

4090

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 6 out of 14
State ID: 65-13-942

MICROBIOLOGY SERVICE LABORATORIES

RI-7-9170

analytical chemists . . . microbiologists

4 October 1963

~~5190 G. M. ...~~
Houston 21, Texas
4320 Old Spanish Trail
S.O. No. 2426-63

To: Layne Texas Company
Houston, Texas

Sample Marked: Well No. 1, American General Insurance Group, Harris Cty, Texas
Taken: 10-3-63 after 24 hrs pumping at 784 gpm with Layne pump. Static Head: 277'
Pumping Level: 311'. Screened: 1110-1325'. Guy Patton.

Received: 10-3-63

WATER ANALYSIS
results in parts per million (mg/l) except as noted

Dissolved Residue at 105°C		269	Conductance, micromhos/cm, 25°C	475
Total Dissolved Solids, actual†		394	Color, units	5
Total Dissolved Solids, calc.		391	Turbidity, units	0
Silica	SiO ₂	13	As Calcium Carbonate, CaCO ₃ :	
Iron and Aluminum Oxides	R ₂ O ₃	2	Phenolphthalein Alkalinity	0
Calcium	Ca	22	Total Alkalinity	202
Magnesium	Mg	7	Total Hardness	82
Sodium (diff.) Na+K as	Na	73	Free Carbon Dioxide	CO ₂ 6
Carbonate	CO ₃	0	pH . . . 7.8	
Bicarbonate	HCO ₃	246	HYPOTHETICAL COMBINATIONS	
Sulfate	SO ₄	2	Calcium Bicarbonate	89
Chloride	Cl	26	Magnesium Bicarbonate	40
Total Iron	Fe	0.14	Sodium Bicarbonate	201
			Sodium Sulfate	3
			Sodium Chloride	43
			SiO ₂ + R ₂ O ₃	15
			Total Dissolved Solids, calc.	391

† Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO₃) ion

Microbiology Service Laboratories

4117

By: Edna Wood

65-13-9A
65-13-942

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 7 out of 14
 State ID: 65-13-942

65-13-942

FORM NO. 28

LAYNE TEXAS COMPANY,
 HOUSTON -:- DALLAS
 WELL LOG

REPORT NO. 6496
 S. O. 2426-63
 PAGE 1 OF 2
 FILE NO. 2813
 DATE 10-9-63

CUSTOMER LOCATION		WELL DATA	
FOR W. S. BELLOWS CONSTRUCTION CO. FOR AMERICAN GENERAL INSURANCE BUILDING		NAME WELL	WELL NO. 1
LOCATION WELL HOUSTON		ELEVATION	DATUM
SURVEY	FIELD	RT	
COUNTY HARRIS	STATE TEXAS	TEST HOLE SIZE 9-7/8" & 6-1/4" ^C ^{GR}	TO 1402'
OTHER LAND MARKS ON ALLEN PARKWAY		DATE STARTED DRILLING	8-28-63
		DATE FINISHED DRILLING	9-3-63
		DRILLER GUY PATTON	RIG NO. 247
		TYPE MUD GEL & CLAY	NO. SACKS 12
		ELECTRIC LOG YES	TYPE SCHLUMBERGER
		SURVEY EASTMAN	TYPE SINGLE-SHOT
		OTHER	

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES		
			DEPTH	TYPE	NUMBER
0		SURFACE			
16	16	CLAY			
21	5	SAND			
27	6	CLAY			
35	8	SAND & SANDY CLAY			
50	15	CLAY & SAND STREAKS			
89	39	CLAY & HARD STREAKS			
112	23	SANDY SHALE			
131	19	SAND			
142	11	SANDY SHALE & SAND STREAKS			
164	22	SAND & SHALE LAYERS			
196	32	SHALE & SANDY SHALE			
210	14	SAND & SANDY SHALE			
224	14	SANDY SHALE			
237	13	SAND			
307	70	SHALE			
321	14	FINE SAND			
332	11	SHALE			
360	28	SAND			
385	25	SAND & STREAKS OF SHALE			
411	26	SHALE			
477	66	SAND (CUT GOOD)			
511	34	SAND & STREAKS OF SHALE			
531	20	SAND (CUT GOOD)			
536	5	SHALE			
570	34	SAND (CUT GOOD)			
662	92	SHALE			
672	10	SANDY SHALE & SAND STREAKS			
691	19	SAND & SANDY SHALE			
789	98	SHALE & SAND STREAKS			
803	14	SAND			
823	20	SANDY SHALE & SAND STREAKS			
830	7	SAND			
838	8	SHALE			
869	31	SAND			
932	63	SAND & SHALE BREAKS			
980	48	SHALE			
1004	24	SAND			
1023	19	SHALE & SAND STREAKS			

65-13-942
 12-92

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 8 out of 14
 State ID: 65-13-942

FORM NO. 28

LAYNE TEXAS COMPANY,
 HOUSTON DALLAS
WELL LOG

REPORT NO. 6496
 S. O. 2426-63
 PAGE 2 OF 2
 FILE NO. 2813
 DATE 10-9-63

CUSTOMER LOCATION		WELL DATA	
FOR W. S. BELLOWS CONSTRUCTION CO. FOR AMERICAN GENERAL INSURANCE BLDG.		NAME WELL	WELL NO. 1
LOCATION WELL HOUSTON		ELEVATION	DATUM
SURVEY	FIELD	RT	C 6-1/4" BGR
COUNTY HARRIS	STATE TEXAS	TEST HOLE SIZE 9-7/8" & TO 1402'	
OTHER LAND MARKS ON ALLEN PARKWAY		DATE STARTED DRILLING 8-28-63	
		DATE FINISHED DRILLING 9-3-63	
		DRILLER GUY PATTON	RIG NO. 247
		TYPE MUD GEL & CLAY	NO. SACKS 12
		ELECTRIC LOG YES	TYPE SCHLUMBERGER
		SURVEY EASTMAN	TYPE SINGLE-SHOT
		OTHER	

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES		
			DEPTH	TYPE	NUMBER
1023					
1038	15	SAND			
1062	24	SHALE			
1065	3	SAND			
1097	32	SHALE			
1138	41	SAND			
1154	16	SANDY SHALE			
1190	36	SAND & SHALE STREAKS			
1208	18	SHALE			
1244	36	SAND			
1255	11	SHALE			
1268	13	SAND			
1298	30	SHALE			
1326	28	SAND & SHALE STREAKS			
1351	25	SHALE			
1363	12	SAND			
1368	5	SANDY SHALE			
1398	30	SAND (CUT GOOD)			
1402	4	SANDY SHALE			
TOTAL DEPTH 1402 FT.					

65-13-94 65-13-92

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 9 out of 14
State ID: 65-13-942

FORM NO. 1202

LAYNE TEXAS COMPANY
HOUSTON -- DALLAS
MATERIAL SETTING

REPORT NO 6497
S O 2426-63
PAGE 1 OF 1
FILE NO. 2813
DATE 10-9-63

CUSTOMER LOCATION		WELL DATA	
FOR W. S. BELLOWS CONSTRUCTION CO. FOR AMERICAN GENERAL INSURANCE BLDG.		NAME WELL	WELL NO. 1
LOCATION WELL HOUSTON		ELEVATION	DATUM
SURVEY		FIELD	TYPE WELL GRAVEL-WALL
COUNTY HARRIS	STATE TEXAS	SURFACE CASING CEMENTED YES	NO. SACKS 455+8% GEL
OTHER LAND MARKS ON ALLEN PARKWAY		SIZE HOLE UNDERREAMED 30"	DEPTH 1337'
		GRAVEL TYPE 112, 13, 165	NO. CU. YDS. 114
		TYPE SCREEN S.S. W.W.	GAGE .040"
		DRILLER GUY PATTON	RIG NO. 247
		OTHER G.E. FERGUSON, F. R. WALL	

DEPTH	LENGTH	SIZE, KIND, WEIGHT MATERIAL	SKETCH
+2'		14" O.D. SURFACE CASING 2' ABOVE GROUND	
0		SURFACE	
990.55'		TOP OF 8-5/8" O.D. LINER	
1090'	1092'	14" O.D. SURFACE CASING .375 WALL PIPE	
1099.97'	109.42'	8-5/8" O.D. BLANK LINER	
1131.67'	31.70'	8-5/8" O.D. S.S. W.W. SCREEN .040 GA.	
1134.27'	2.60'	8-5/8" O.D. BLANK PIPE	
1176.52'	42.25'	8-5/8" O.D. S.S. W.W. SCREEN .040 GA.	
1180.02'	3.50'	8-5/8" O.D. BLANK PIPE	
1200.52'	20.50'	8-5/8" O.D. S.S. W.W. SCREEN .040 GA.	
1210.44'	9.92'	8-5/8" O.D. BLANK PIPE	
1230.44'	20.00'	8-5/8" O.D. S.S. W.W. SCREEN .040 GA.	
1254.59'	24.15'	8-5/8" O.D. BLANK PIPE	
1274.59'	20.00'	8-5/8" O.D. S.S. W.W. SCREEN .040 GA.	
1293.71'	19.12'	8-5/8" O.D. BLANK PIPE	
1325.00'	31.29'	8-5/8" O.D. S.S. W.W. SCREEN .040 GA.	
1335.00'	10.00'	8-5/8" O.D. BLANK PIPE	
1337.00'	2.00'	8-5/8" O.D. SET NIPPLE & B.P. VALVE	
TOTAL DEPTH 1337 FT.			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 10 out of 14
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LAYNE TEXAS COMPANY,
HOUSTON -:- DALLAS
WATER WELL TEST

REPORT NO 6498
S. O 2426-63
PAGE 2 of 2
FILE NO 2813
DATE 10-9-63

CUSTOMER LOCATION TEST FOR W. S. BELLOWS CONSTRUCTION CO. FOR AMERICAN GENERAL INSURANCE BLDG. LOCATION OF WELL HOUSTON SURVEY FIELD COUNTY HARRIS STATE TEXAS DESCRIPTION OF LAND MARKS ON ALLEN PARKWAY		WELL DATA NAME WELL WELL NO 1 ELEVATION DATUM WELL SIZE 14" x 8-5/8" x 30" UR TOTAL DEPTH 1337' TOP SCREEN 1099.97' GRAVEL WELL YES STRAIGHT WELL TYPE SCREEN S.S. W.W. GAGE .040" TEMPERATURE OF WATER WATER CONDITION CLEAR	
WATER MEASURING DEVICE ORIFICE SIZE 8"x6" LENGTH 5' OTHER		TEST PUMP DATA DEPTH SETTING TOP OF BOWL 390' LENGTH AIR LINE 400' SIZE 1/4" TYPE BOWL WMC 12" NO STAGES 9 LENGTH BOWL SUCTION LT	

SAND CONTENT		OZ. PER 100 GAL		WATER SAMPLE TAKEN		NO SAMPLES	
ACTIVE STATIC HEAD AFTER PUMP STOPPED				BACTERIOLOGICAL SAMPLE TAKEN			
5 MIN	FT.	20 MIN.	FT.	DRAWDOWN SPECIFIC CAPACITY			
10 MIN	FT.	25 MIN.	FT.				
15 MIN	FT.	30 MIN.	FT.				

DATE HOUR	AIR LINE GAGE	PUMPING LEVEL	DISCH PRESS.	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
9:30PM	84	310		24 1/2	78 1/2		F.R.W.	
10:00	84	310		24 1/2	78 1/2			
10:30	84	310		24 1/2	78 1/2			
11:00	84	310		24 1/2	78 1/2			
11:30	84	310		24 1/2	78 1/2			
12:00 M	84	310		24 1/2	78 1/2			
12:30 AM	84	310		24 1/2	78 1/2		J.B.D.	10/3/63
1:00	84	310		24 1/2	78 1/2			
1:30	84	310		24 1/2	78 1/2			
2:00	83	311		24 1/2	78 1/2			
2:30	83	311		24 1/2	78 1/2			
3:00	83	311		24 1/2	78 1/2			
3:30	83	311		24 1/2	78 1/2			
4:00	83	311		24 1/2	78 1/2			
4:30	83	311		24 1/2	78 1/2			
5:00	83	311		24 1/2	78 1/2			
5:30	83	311		24 1/2	78 1/2			
6:00	83	311		24 1/2	78 1/2			
6:30	83	311		24 1/2	78 1/2			
7:00	83	311		24 1/2	78 1/2			
7:30	83	311		24 1/2	78 1/2			
8:00	83	311		24 1/2	78 1/2		G.P.	

OBSERVERS
THAD BRYANT (ARCNT. REPRESENTATIVE)
FOR OWNER

GUY PATTON
FOR LAYNE TEXAS CO. *65-13-942*

FORM NO. 25 -



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 11 out of 14
State ID: 65-13-942

LAYNE TEXAS COMPANY
HOUSTON -- DALLAS
WATER WELL TEST

REPORT NO **6498**
S. G. **2426-63**
PAGE **1 of 2**
FILE NO **2813**
DATE **10-9-63**

CUSTOMER LOCATION TEST FOR W.S. BELLONS CONSTRUCTION CO. FOR AMERICAN GENERAL INSURANCE BUILDING LOCATION OF WELL HOUSTON SURVEY _____ FIELD _____ COUNTY HARRIS STATE TEXAS DESCRIPTION OF LAND MARKS ON ALLEN PARKWAY		WELL DATA NAME WELL _____ WELL NO 1 ELEVATION _____ DATE _____ WELL SIZE 14" . 8-5/8" x 30" UR TOTAL DEPTH 1337' TOP SCREEN 1099.97' GRAVEL WELL YES STRAIGHT WELL _____ TYPE SCREEN S.S. W.W. GAGE .040" TEMPERATURE OF WATER _____ WATER CONDITION CLEAR	
--	--	---	--

WATER MEASURING DEVICE ORIFICE SIZE 8"x6" LENGTH 5' OTHER _____		TEST PUMP DATA DEPTH SETTING TOP OF BOWL 390' LENGTH AIR LINE 400' SIZE 1/4" TYPE BOWL WMC 12" NO STAGES 9 LENGTH BOWL _____ SUCTION LT _____	
--	--	--	--

SAND CONTENT 0 OZ. PER 100 GAL. ACTIVE STATIC HEAD AFTER PUMP STOPPED 5 MIN 282 FT. 20 MIN 280 FT. 10 MIN 281 FT. 25 MIN 280.5 FT. 15 MIN 280 FT. 30 MIN 279 FT. S.L. BEFORE START 277 FT.		WATER SAMPLE TAKEN YES NO SAMPLES 1 BACTERIOLOGICAL SAMPLE TAKEN _____ DRAWDOWN _____ SPECIFIC CAPACITY _____	
---	--	---	--

DATE HOUR	AIR LINE GAGE	PUMPING LEVEL	DISCH PRESS.	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
10/2/63	STARTED TEST AT 8:00 A.M.							
8:30AM	85	309		24 1/2	784		G.P.	
9:00	85	309		24 1/2	784			
9:30	85	309		24 1/2	784			
10:00	86	308		24	776			
10:30	86	308		24	776			
11:00	86	308		24	776			
11:30	85	309		24 1/2	784			
12:00 N	85	309		24 1/2	784			
12:30 PM	85	309		24 1/2	784			
1:00	85	309		24 1/2	784			
1:30	85	309		24 1/2	784			
2:00	84.5	309.5		24 1/2	784			
2:30	84	310		24 1/2	784			
3:00	84	310		24 1/2	784			
3:30	84	310		24 1/2	784			
4:00	84	310		24 1/2	784			
4:30	84	310		24 1/2	784			
5:00	84	310		24 1/2	784			
5:30	84	310		24 1/2	784			
6:00	84	310		24 1/2	784			
6:30	84	310		24 1/2	784			
7:00	84	310		24 1/2	784			
7:30	84	310		24 1/2	784			
8:00	84	310		24 1/2	784			
8:30	82	310		24 1/2	784			
9:00	84	310		24 1/2	784			

OBSERVERS
THAS BRYANT, ARCHT. REPRESENTATIVE
FOR OWNER

GUY PATTON
FOR LAYNE TEXAS CO.

FORM NO. 25

65-13-90
65-13-942



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 12 out of 14
State ID: 65-13-942

MICROBIOLOGY SERVICE LABORATORIES

RI-7-9170

analytical chemists . . . microbiologists

October 1963

Houston 21, Texas
4820 Old Spanish Trail
S.O. No. 2426-63

To: Layne Texas Company
Houston, Texas

Sample Marked: Well No. 1, American General Insurance Group, Harris Cty, Texas
Taken: 10-3-63 after 24 hrs pumping at 784 gpm with Layne pump. Static Head: 277'
Pumping Level: 311'. Screened: 1110-1325'. Guy Patton.

Received: 10-3-63

WATER ANALYSIS

results in parts per million (mg/l) except as noted

Dissolved Residue at 105°C		269	Conductance, micromhos/cm, 25°C	475
Total Dissolved Solids, actual†		394	Color, units	5
Total Dissolved Solids, calc.		391	Turbidity, units	0
Silica	SiO ₂	13	As Calcium Carbonate, CaCO ₃ :	
Iron and Aluminum Oxides	R ₂ O ₃	2	Phenolphthalein Alkalinity	0
Calcium	Ca	22	Total Alkalinity	202
Magnesium	Mg	7	Total Hardness	82
Sodium (diff.) Na+K as	Na	73	Free Carbon Dioxide CO ₂	6
Carbonate	CO ₃	0	pH . . .	7.8
Bicarbonate	HCO ₃	246	HYPOTHETICAL COMBINATIONS	
Sulfate	SO ₄	2	Calcium Bicarbonate	89
Chloride	Cl	26	Magnesium Bicarbonate	40
Total Iron	Fe	0.14	Sodium Bicarbonate	201
			Sodium Sulfate	3
			Sodium Chloride	43
			SiO ₂ + R ₂ O ₃	15
			Total Dissolved Solids, calc.	391

† Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO₃) ion

Microbiology Service Laboratories

By: *Edna Wood*
Edna Wood

4117

65-13-942
65-13-942

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 14 out of 14
State ID: 65-13-942

State 65-13-942
LAYNE TEXAS COMPANY.
HOUSTON DALLAS
WELL LOG

REPORT NO 6496
S O 2426-63
PAGE 1 OF 2
FILE NO 2813
DATE 10-9-63

CUSTOMER LOCATION FOR W. S. BELLWOS CONSTRUCTION CO. FOR AMERICAN GENERAL INSURANCE BUILDING LOCATION WELL HOUSTON		WELL DATA NAME WELL WELL NO 1 ELEVATION DATUM RT TEST HOLE SIZE 9-7/8" & 6-1/4" R TO 1402' DATE STARTED DRILLING 8-28-63 DATE FINISHED DRILLING 9-3-63 DRILLER GUY PATTON RIG NO 247 TYPE MUL GEL & CLAY NO SACKS 12 ELECTRIC LOG YES TYPE SCHLUMBERGER SURVEY EASTMAN TYPE SINGLE-SHOT OTHER	
SURVEY FIELD COUNTY HARRIS STATE TEXAS OTHER LAND MARKS ON ALLEN PARKWAY OK			

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	DEPTH	SAMPLES TYPE	NUMBER
0		SURFACE			
16	16	CLAY			
21	5	SAND			
27	6	CLAY			
35	8	SAND & SANDY CLAY			
50	15	CLAY & SAND STREAKS			
89	39	CLAY & HARD STREAKS			
112	23	SANDY SHALE			
131	19	SAND			
142	11	SANDY SHALE & SAND STREAKS			
164	22	SAND & SHALE LAYERS			
196	32	SHALE & SANDY SHALE			
210	14	SAND & SANDY SHALE			
224	14	SANDY SHALE			
237	13	SAND			
307	70	SHALE			
321	14	FINE SAND			
332	11	SHALE			
360	28	SAND			
385	25	SAND & STREAKS OF SHALE			
411	26	SHALE			
477	66	SAND (CUT GOOD)			
511	34	SAND & STREAKS OF SHALE			
531	20	SAND (CUT GOOD)			
536	5	SHALE			
570	34	SAND (CUT GOOD)			
662	92	SHALE			
672	10	SANDY SHALE & SAND STREAKS			
691	19	SAND & SANDY SHALE			
789	98	SHALE & SAND STREAKS			
803	14	SAND			
823	20	SANDY SHALE & SAND STREAKS			
830	7	SAND			
838	8	SHALE			
869	31	SAND			
932	63	SAND & SHALE BREAKS			
980	48	SHALE			
1004	24	SAND			
1023	19	SHALE & SAND STREAKS			

65-13-942

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 130 Distance from Property: 2.44 mi. W

WELL ID: 1670
OWNERS NAME: AMERICAN GENERAL LIFE INS. CO.
YEAR DRILLED: 1963
DEPTH DRILLED: 1337'
STATIC LEVEL: 999'
WATER USAGE: PUBLIC SUPPLY
WELL STATUS: PLUGGED
LONGITUDE: -95.394059000
LATITUDE: 29.760428000
SOURCE: HGSD



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 131 Distance from Property: 2.44 mi. NNE

STATE ID: 65-14-738
OWNER'S NAME: HARRIS-GALVESTON SUBSIDENCE DISTRICT
DATE DRILLED: 00/00/1980
DEPTH DRILLED: 487'
WATER USAGE: UNUSED
LONGITUDE: -95.334100000
LATITUDE: 29.791620000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514738/6514738.pdf>



www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
State ID: 65-14-738

WRD Exp. (GW)
April 1966

Well No. 65-14-738

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD

Record by RS SOWENSHIN Source of data DRILLER'S OBS Date 2-13-80 Map 1:24,000 SETTEGAST, TX 1967

State TEXAS County 48 HARLIS (or town) 43

Latitude: 29° 47' 28" N Longitude: 095° 20' 01" W Sequential number: 3

Local well number: 43-65-14-738 Other number: NORTHEAST No. 4

Local use: H.G.C.S.D. Owner: HARLIS - GALVESTON CONSTAL
OR name: SUBSIDENCE DISTRICT

Owner or name: H.G.C.S.D. Address: 1730 NASA RD 1

Ownership: County, Fed Gov't, City, Corp or Co, Private, Stat, Agency, Water Dist 5

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Inscit, Unused, Reprssure, Recharge, Desal-P S, Desal-other, Other U

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed 0

DATA AVAILABLE: Well data 2 Freq. W/L meas.: MONTHLY Field aquifer char. 7

Hvd. lab. data:

Qual. water data; type: partial

Freq. sampling: ORIGINAL Pumpage inventory: no period:

Aperture cards:

Log data: DRILLER'S

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 487 ft Casing depth: 472 ft

Finish: (C) concrete, (F) gravel w. (H) horiz. open (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other 5

Method drilled: (A) air bored, (B) cable, (C) dug, (D) jetted, (H) air reverse, (J) air reverse, (K) driven, (L) drive wash, (M) percussion, (N) rotary, (O) other H

Date drilled: FEB 1980 Pump intake setting: NONE

Driller: O'DAY DRILL CO, PEARLAND, TX

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other W

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P., (I) LP, (J) trans. or meter no.

Descrpt. MP: top of casing +2.0 ft above/below LSD, Alt. MP

Alt. LSD: 49 Accuracy: 5' TOPO

Water Level: 264.69 ft above/below MP; Fr. 2.65 LSD Accuracy: steel tape

Date meas: 3-18-80 Yield: 3.80 gpm 7.5 gpm

Drawdown: ft Accuracy: hrs

QUALITY OF WATER DATA: Iron ppm Sulfate 8.7 ppm Chloride ppm HCO3 200 ppm

Sp. Conduct 500 x 10⁶ 3 Temp. 73.5 °F Date sampled 2-15-80 280

taste, color, etc.

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 2
State ID: 65-14-738

Well No. LI-65-14-738

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Province: COASTAL PLAIN Section: WEST GULF

Drainage Basin: F Subbasin: 51R

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp. (E) offshore, pediment, hillside, terrace, undulating, valley flat. (F) F

MAJOR AQUIFER: system series Q aquifer, formation, group C

Lithology: S Origin: 3 Aquifer Thickness: 66 ft

Length of well open to: 10 ft Depth to top of: 476 ft

MINOR AQUIFER: system series aquifer, formation, group

Lithology: Origin: Aquifer Thickness: ft

Length of well open to: ft Depth to top of: ft

Intervals Screened: 472-482 SSW No 10 ga 2 1/2" OD

Depth to consolidated rock: ft Source of data:

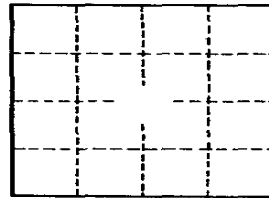
Depth to basement: ft Source of data:

Surficial material: Infiltration characteristics:

Coefficient Trans: 157 spd/ft 161 Coefficient Storage:

Perm: spd/ft²; Spec cap: gpm/ft; Number of geologic cards:

sample for water quality obtained by jetting with air



Well No.

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 131 Distance from Property: 2.44 mi. NNE

STATE ID: 65-14-742
OWNER'S NAME: HARRIS-GALVESTON COAST SUBSIDENCE DIST.,N.E.
DATE DRILLED: 00/00/1980
DEPTH DRILLED: 1033'
WATER USAGE: UNUSED
LONGITUDE: -95.334100000
LATITUDE: 29.791620000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514742/6514742.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
State ID: 65-14-742

WRD Exp. (GW)
April 1966

Well No. LJ-65-14-742

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by RS SOJENSHIELD Source of data DRILLER'S OBS Date 2-21-80 Map SETTEGAST, Tx 1967 1:24,000

State TEXAS County HARRIS (or town) L. J.

Latitude: 29° 47' 28" N Longitude: 095° 20' 01" W Sequential number: 4

Local well number: LJ-65-14-742 Other number: NORTHEAST NO. 3

Local use: H.G.C.S.D. Owner or name: HARRIS-GALVESTON COASTAL SUBSIDENCE DISTRICT Address: 1730 NASA RD 1

Ownership: County (C), Fed Gov't (F), City, Corp of Co. (M), Private (N), State Agency (P), Water Dist (S), Other (W) S

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) P S, (K) Rec, (L) Stock, (M) Inatit, (N) Unused, (O) Recharge, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other U

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed 0

DATA AVAILABLE: Well data 2 Freq. W/L meas.: MONTHLY Field aquifer char. 1

Hvd. lab. data: 0

Qual. water data: type: partial

Freq. sampling: ORIGINAL Pumpage inventory: no period: 0

Aperture cards: 0

Log data: DRILLER'S log

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1035 ft Meas. accuracy: 3

Depth cased: 1020 ft Casing type: STEEL Diam: 4 1/2 in

Finish: (C) porous concrete, (F) gravel w. (perif.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) perf., (K) screen, (L) sd. pt., (M) shored, (N) open hole, (O) other S

Method drilled: (A) air bored, (B) cable, (C) dug, (D) jetted, (E) rot., (F) air reverse, (G) percuss, (H) rotary, (I) driven, (J) drive wash, (K) other H

Date drilled: Feb 1980 Pump intake setting: NONE ft

Driller: O'DAY DRILG CO, PEARLAND, TX

Lift (type): (A) air, (B) bucket, (C) cent., (D) jet, (E) multiple, (F) multiple, (G) head, (H) piston, (I) rot., (J) submerg, (K) turb., (L) other W Deep 0 Shallow 0

Power (type): diesel, elec, gas, gasoline, hand, gas, wind, H.P. Trans. of meter no. 0

Descrip. MP top of casing +2.0 ft above LSD, Alt. MP 5' TOPO

Alt. LSD: 19 Accuracy: 4.9 Accuracy: 5' TOPO

Water Level: 326.10 ft above MP; Ft below LSD: 326 Accuracy: steel tape

Date meas: 4-24-80 Yield: 4.80 gpm Method determined: 1

Drawdown: 0 ft Accuracy: 0 hrs

QUALITY OF WATER DATA: Iron ppm 0 pH 8.7 Chloride ppm 0 Hard. ppm 200

Sp. Conduct 500 k x 10⁶ Temp. 76 °F Date sampled 2-23-80 280

taste, color, etc.

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 2
State ID: 65-14-742

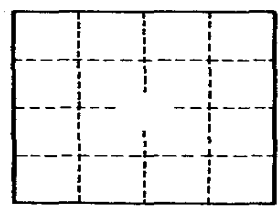
Well No. LS-65-14-742

Latitude-longitude _____
d m s N S d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD
Physiographic Province: COASTAL PLAIN Section: WEST GULF
Drainage Basin: S I R Subbasin: _____
Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp. (E) (F) (R) (K) (L) (U) (V) (W) offshore, pediment, hillside, terrace, undulating, valley flat _____
MAJOR AQUIFER: system _____ series T F EVANGELINE aquifer, formation, group E
Lithology: _____ Origin: _____ Aquifer Thickness: 3 ft
Length of well open to: 3 ft 9 ft Depth to top of: 10 ft 10 ft 10 ft 10 ft
MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____
Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft
Length of well open to: _____ ft Depth to top of: _____ ft
Intervals Screened: 1020-1030 SSW W NO. 10 ga 2 1/2" OD
Depth to consolidated rock: _____ ft Source of data: _____
Depth to basement: _____ ft Source of data: _____
Surficial material: _____ Infiltration characteristics: _____
Coefficient Trans: 326 spd/ft 3 2 1 Coefficient Storage: _____
Coefficient Perm: _____ spd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

sample for water quality obtained by jetting with air



Well No.

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 131 Distance from Property: 2.44 mi. NNE

STATE ID: 65-14-745
OWNER'S NAME: HARRIS-GALVESTON COAST SUBSIDENCE DIST.,N.E.
DATE DRILLED: 00/00/1980
DEPTH DRILLED: 299'
WATER USAGE: UNUSED
LONGITUDE: -95.334100000
LATITUDE: 29.791620000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514745/6514745.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 5
State ID: 65-14-745

WRD Exp. (GW)
April 1966

Well No. 65-14-745

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by RS SWENSON Source of data DRILLER'S OBS Date 2-26-80 Map SETTEGAST, TEX 1967 1:24,000

State TEXAS County HARRIS Sequential number: 5

Latitude: 29 47 28 N Longitude: 095 20 01 W

Local well number: 65-14-745 Other number: NORTHEAST NO. 5

Local use: H.G.C.S.D. Owner or name: HARRIS-GALVESTON COASTAL SUBSIDENCE DISTRICT Address: 173- NASA RD 1

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist S

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, Stock, Instit, Unused, Recharge, Recharge, Desal-P S, Desal-other, Other U

Use of well: Anode, Drain, Seismic, Heat Res., Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. Obs

DATA AVAILABLE: Well data 2 Freq. W/L meas.: MONTHLY Field aquifer char. 1

Hvd. lab. data:

Qual. water data; type: partial

Freq. sampling: ORIGINAL Pumpage inventory: no period:

Aperture cards:

Log data: DRILLER'S log

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 298 ft. 298 Mess. accuracy 3

Depth cased; (first perf.): 283 ft. 283 Casing type: steel Diam. 4 1/2 in 4

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, end, perf., screen, sd. pt., shored, open hole, other 5

Method Drilled: air bored, cable, dug, jetted, air jetted, air reverse, driven, drive wash, percussive, rotary, other H

Date Drilled: Feb 1980 9 8 0 Pump intake setting: NONE ft.

Driller: D'DAY DALE C PEARLAND, TX

Lift (type): name (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) Deep 2 Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. LP Trans. or meter no.

Deacrip. MP top of casing +2.0 ft. above below LSD, Alt. MP

Alt. LSD: 49 Accuracy: (source) 5' TOPO

Water Level 163.40 ft. above below MP; Ft. 163 LSD 163 Accuracy: steel tape Method A

Date meas: 4-24-80 4 8 0 Yield: 9 gpm 9 Method determined 1

Drawdown: ft. Accuracy: hrs.

QUALITY OF WATER DATA: Iron ppm 8.4 Chloride ppm HCO₃ Hard. 240 ppm 6

Sp. Conduct 500 K x 10⁶ 3 Temp. 71 °F 71 Date sampled 2-27-80 2 8 0

laste, color, etc.

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 5
State ID: 65-14-745

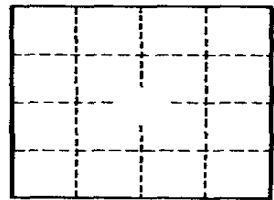
Well No. 15-65-14-745

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: COASTAL PLAIN Section: WEST GULF
 Drainage Basin: F Subbasin: 51R
 Topo of well site: (D) depression, stream channel, dunes, (E) flat, hilltop, sink, swamp, (F) offshore, pediment, hillside, terrace, undulating, valley flat, (G) valley flat
 MAJOR AQUIFER: system _____ series Q aquifer, formation, group Chicot Aquifer Thickness: 37 ft
 Lithology: _____ Origin: 3 Depth to top of: 277 ft
 Length of well open to: 10 ft Depth to top of: 277 ft
 MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____ Aquifer Thickness: _____ ft
 Lithology: _____ Origin: _____ Depth to top of: _____ ft
 Length of well open to: 10 ft Depth to top of: _____ ft
 Intervals Screened: 283 - 293 SSWU No. 10 ga 2 1/2" OD
 Depth to consolidated rock: _____ ft Source of data: _____
 Depth to basement: _____ ft Source of data: _____
 Surficial material: _____ Infiltration characteristics: _____
 Coefficient Trans: 53 gpd/ft Coefficient Storage: 500
 Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

sample for water quality obtained by getting with air



Well No.

GPO 857-700

Layne-Western Company, Inc. A Marley Company

P.O. Box 79009 · Houston, Texas 77079 · 713/466-5001

L O G - WELL #5 NORTHEAST PLANT SITE

0	3	Top Soil
3	60	Clay
60	80	Sand
80	100	Clay
100	140	Sand
140	170	Clay
170	175	Sand
175	182	Clay
182	247	Sand
247	286	Clay
286	302	Sand



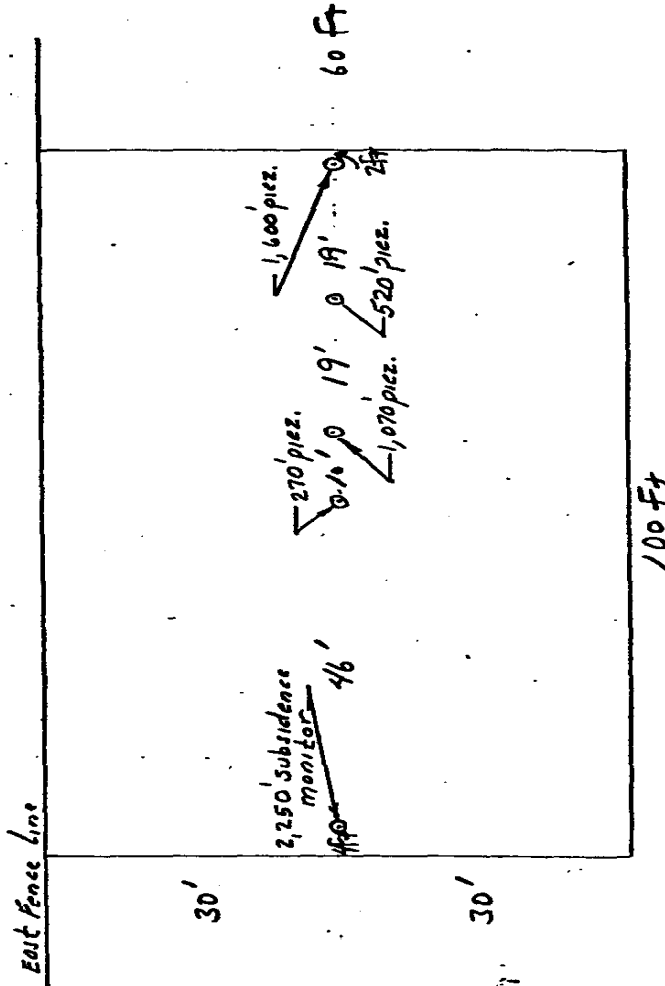
EXHIBIT C

SUBSIDENCE MONITOR/PIEZOMETERS
WELL SYSTEM CONSTRUCTION SITE

NORTHEAST

The construction site is located adjacent to the easterly boundary of the City of Houston Northeast Well Field Plant Yard; said Plant Yard being a tract of land located in the J. S. Collins Survey, Abstract 15, bounded on the north side by Brill Street, on the east side by Tuffly Park, and on the west side by Linn Street.

IV.9



Northeast Side
Layout of piezometers and Subsidence Monitor
Scale: 1" = 20 feet

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 131 Distance from Property: 2.44 mi. NNE

STATE ID: 65-14-746
OWNER'S NAME: HARRIS-GALVESTON COAST SUBSIDENCE DIST.,N.E.
DATE DRILLED: 00/00/1980
DEPTH DRILLED: 2170'
WATER USAGE: UNUSED
LONGITUDE: -95.334100000
LATITUDE: 29.791620000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514746/6514746.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 3
State ID: 65-14-746

WRD Exp. (GW)
April 1986

Well No. 65-14-746

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD

Record by SONENSHKIN Source of data OBS & DRILLER Date 4-28-80 Map SETTEGAST, TX 1967 1:24,000

State TEXAS County 4:8 HARRIS Sequential number: 4:3

Latitude: 29 47 28 N Longitude: 095 20 01 W Sequential number: 6

Local well number: 65-14-746 Other number: NORTHEAST NO. 1 B & M EXTENSION 1

Local use: H.F.C.S.D. Owner or name: SUBSIDENCE DISTRICT Address: 1730 NASA RD 1

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist (S)

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, Stock, Inetit, Unused, Reppressure, Recharge, Desal-P S, Desal-other, Other (U)

Use of well: Anode, Drain, Seismic, Heat Res, Uda, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. (P)

DATA AVAILABLE: Well data (2) Freq. W/L meas.: MONTHLY (M) Field aquifer char. (T)

Hyd. lab. data: _____

Qual. water data: type: partial

Freq. sampling: ORIGINAL (P) Pumpage inventory: (NO) period: _____

Aperture cards: _____

Log data: DRILLER'S, CALIPER, INDUCTION & MICHA ELECTRIC, SONIC, GAMMA, NEUTRON DENSITY (Y) (S)

WELL-DESCRIPTION CARD

(S) SAME AS ON MASTER CARD Depth well: 2170 ft Meas. rept (4)

Depth cased: 2099 ft Casing type: steel Diam. 5 1/2 in

Finish: porous concrete, gravel v. concrete, (perf.), gravel w. (screen), horiz. gallery, open end, (P), (S), (T), (W), (X), (Z)

Method drilled: (H) air bored, cable, dug, hyd jetted, rot., percussion, rotary, (R), (T), (V), (W), (Z)

Date drilled: APR 1980 (9:8:0) Pump intake setting: NONE ft

Driller: LAYNE-TEXAS Co. Houston, TX

Lift (type): (N) air, bucket, cent. jet, multiple, multiple, none, piston, rot, submerg, turb, other (W) Deep (S) Shallow

Power (type): (LP) diesel, elec, gas, gasoline, hand, gas, wind; H.P. _____ Trans. or meter no. _____

Descrip. MP plug in 5' casing + 2.0 ft above LSD, Alt. MP _____

Alt. LSD: 49 (4:9) Accuracy: (source) 5' TOPO (3)

Water Level 394.93 ft above LSD (3:9:9) Accuracy: steel tape (A)

Date meas: 5-27-80 (5:8:0) Yield: 18.5 gpm (1:9) Method determined (1)

Drawdown: _____ ft Accuracy: _____ Pumping period: _____ hrs

QUALITY OF WATER DATA: Iron _____ ppm (Sulfate) 7.0 (9) Chloride _____ ppm (HCO3) 4.8 (0)

Sp. Conduct _____ K x 10⁶ Temp. 79 °F (7:9) Date sampled 4-25-80 (4:8:0)

taste, color, etc. _____

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 3
State ID: 65-14-746

Well No. F-65-14-746

Latitude-longitude _____

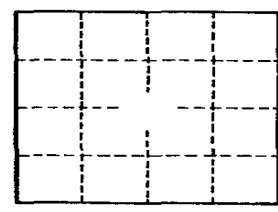
HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: _____ Section: 03
 Drainage Basin: SLR Subbasin: _____
 Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) _____
 MAJOR AQUIFER: system _____ series TF EVANGELINE aquifer, formation, group E
 Lithology: _____ Origin: 3 Aquifer Thickness: 61 ft
 Length of well open to: 20 ft Depth to top of: 2085 ft
 MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____
 Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft
 Length of well open to: _____ ft Depth to top of: _____ ft
 Intervals Screened: 2099-2119 SSWW No. 12 GAUGE 5 1/2" OD
 Depth to consolidated rock: _____ ft Source of data: _____
 Depth to basement: _____ ft Source of data: _____
 Surficial material: _____ Infiltration characteristics: _____
 Coefficient Trans: 74 gpd/ft² Coefficient Storage: _____
 Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

sample for water quality obtained by jetting with air

initial hole drilled to 2250 - filled in bottom hole with cement plug to 2170

5 1/2" csng to 2170 with slip joint from 2141 to 2149.5 ft



Well No.

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 3 out of 3
State ID: 65-14-746

Send original copy by certified mail to the Texas Department of Water Resources, P. O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TDWR use only
Well No. 65-14-746
Located on map YES
Received: 7/7

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Harris-Galveston Coastal Subsidence District (Name) Address P. O. Box 58847 Houston, Texas 77058 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 5 miles in N.E. direction from Houston (N.E., S.W., etc.) (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map.

3) TYPE OF WORK (Check):
 New Well Deepening
 Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Public Supply
 Irrigation Test Well Other

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored
 Air Rotary Cable Tool Jetted Other

6) WELL LOG:
 # 5
 Date drilled 3-10-80

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
7-7/8	Surface	299

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
 If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
		See Attached

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
4 1/2	N	Steel	+2	279	.237
2 3/8	N	Steel	269	284	
2 3/8	N	SST Screen	284	294	
2 3/8	N	Steel	294	299	

CEMENTING DATA
 Cemented from 0 ft. to 279 ft.
 Method used Pressure
 Cemented by O'Day Drilling
 (Company or Individual)

9) WATER LEVEL:
 Static level _____ ft. below land surface Date _____
 Artesian flow _____ gpm. Date _____

10) PACKERS: Type Lead Depth 269

11) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
 Depth to pump bowls, cylinder, jet, etc., _____ ft.

12) WELL TESTS:
 Type Test Pump Bailor Jetted Estimated
 Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME James O'Connor Water Well Drillers Registration No. 999
 (Type or Print)

ADDRESS 5931 Brittmooore Houston, Texas 77041
 (Street or RFD) (City) (State) (Zip)

(Signed) James O'Connor LAYNE-WESTERN COMPANY, INC.
 (Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 131 Distance from Property: 2.44 mi. NNE

STATE ID: **65-14-759**
OWNER'S NAME: **CITY OF HOUSTON NORTHEAST #2**
DATE DRILLED: **00/00/1938**
DEPTH DRILLED: **1291'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.334100000**
LATITUDE: **29.791620000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514759/6514759.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 3
State ID: 65-14-759

WRD Exp. (GW)
April 1966

Well No. WT-65-14-759

WELL SCHEDULE
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

U. S. DEPT. OF THE INTERIOR

MASTER CARD (J. Brown)

Record by NAR. WEG Source of data FILES Date 2-20-68 Map Settegast 1955

State Texas County Harris

Latitude: 29° 47' 28" N Longitude: 095° 20' 01" W

Local well number: WT-65-14-759 Other number: WELL # 2-1895 in 559-c

Local use: CITY OF HOUSTON Owner or name: CITY OF HOUSTON

Owner or name: CITY OF HOUSTON Address: NORTHEAST PLANT

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist M

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other abd. 1964 U

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed U

DATA AVAILABLE: Well data 1 Freq. W/L meas.: Seasonal 5 Field aquifer char. 73

Hyd. lab. data: 73

Qual. water data; type: 74

Freq. sampling: 8-17-38-63 75 Pumpage inventory: yes 76

Aperture cards: 77

Log data: E-LOG U-28 78

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1291 ft 1291 Meas. Driller 3

Depth cased; (ft at perf.): 461 ft 461 Casing type: STEEL Dia: 2 1/4-12 1/2 31

Finish: porous concrete, gravel w. screen, horis. gallery, open perf., screen, sd. pt., shored, open hole, other G

Method: (A) air bored, (B) cable, (C) aug, (D) hyd jetted, (E) air percussion, (F) reverse trenching, (G) driven, (H) drive wash, (I) other 32

Date Drilled: 1238 9:38 Pump intake setting: 33

Driller: LAYNE-TEXAS CO. HOUSTON, TEX.

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other N Deep 40 Shallow 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. FORMERLY 150 HP T-E 41 Trans. or meter no. 42

Descrip. MP 43 above ft below LSD. Alt. MP 44

Alt. LSD: 49' 49 Accuracy: (source) 5' TO PO 47 3

Water Level: 48 ft above MP; 49 ft above LSD 49 Accuracy: 49

Date meas: Jan. 1942 50 Yield: 2010 gpm 51 Method determined 52

Drawdown: 53 ft Accuracy: 54 Pumping period 55 hrs 56

QUALITY OF WATER DATA: Iron 57 ppm Sulfate 58 ppm Chloride 59 ppm Hard. 60 ppm

Sp. Conduct 61 K x 10⁶ Temp. 62 °F 63 Date sampled 64

Taste, color, etc. 65

Well No. WT-65-14-759

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 3
State ID: 65-14-759

Well No. LJ-65-14-759

Latitude-longitude 27 47.28 095.20.01

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: COASTAL PLAIN Section: 0:3
 Drainage Basin: 5:1:18 Subbasin:

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp.
 (E) offshore, pediment, hillside, terrace, undulating, valley flat

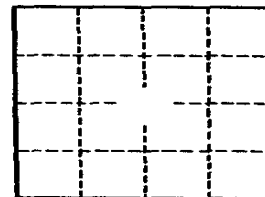
MAJOR AQUIFER: system T series 38 aquifer, formation, group E
 Lithology: Origin: Thickness: ft
 Length of well open to: 404 ft Depth to top of: 409 ft

MINOR AQUIFER: system Q series 42 aquifer, formation, group CL
 Lithology: Origin: Thickness: ft
 Length of well open to: ft Depth to top of: ft

Intervals Screened: 461-534, 622-884, 1015-1036, 1114-1135, 1245-1279

Depth to consolidated rock: ft Source of data: 64
 Depth to basement: ft Source of data: 67
 Surficial material: Infiltration characteristics: 73
 Coefficient Trans: Coefficient Storage: 74
 Coefficient Farm:

375 ft. of 2 1/2" csg.
and 916 ft. 12 3/4 inch
Gravel wall

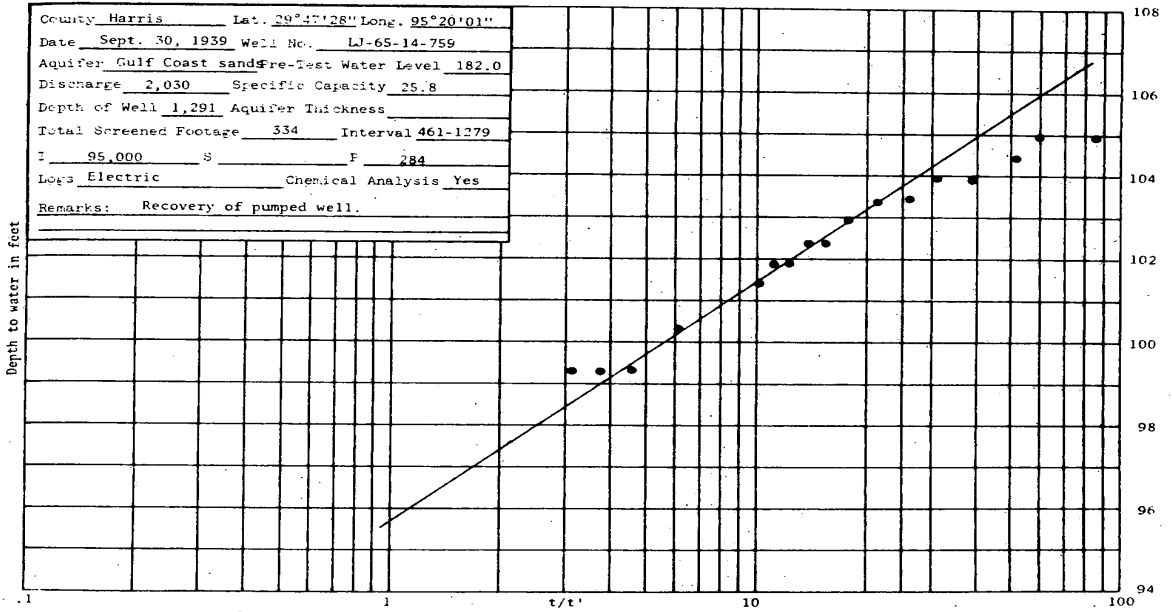


Well No. LJ-65-14-759

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 3 out of 3
 State ID: 65-14-759



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 131 Distance from Property: 2.44 mi. NNE

STATE ID: **65-14-727**
OWNER'S NAME: **CITY OF HOUSTON NORTHEAST**
DATE DRILLED: **00/00/1931**
DEPTH DRILLED: **1876'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.334100000**
LATITUDE: **29.791630000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514727/6514727.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
State ID: 65-14-727

Texas Water Development Board Well Schedule

State Well Number 6514727 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294728 Longitude 952005 Source of Coords 3

Owner's Well No. _____ Location _____

Owner City of Houston Northeast
Driller McMasters and Pomeroy

Address _____ Tenant/Oper. _____

Date Drilled / /1931 Depth 1876 Source of Depth Altitude 49 Source of Alt.
Well Type W User 396200

WELL CONSTRUCTION Const-Method Completion Casing Material Blank Screen Material Blank
Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - NONE No. Stages _____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - blank Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - UNUSED Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - M Quality - Y Logs - Other Data - AC

WATER LEVELS 2 measurements
1932 to 1962
MIN -241 MAX -15

Recorded By _____ Date Record Collected or Updated - / /
Reporting Agency _____

REMARKS -
235 ft of screen between 1015 and 1870 ft. Yield 2260 gpm in Jan. 1942. Reported flowed when drilled Well 1. Aquifer test data in TWDB R-98.

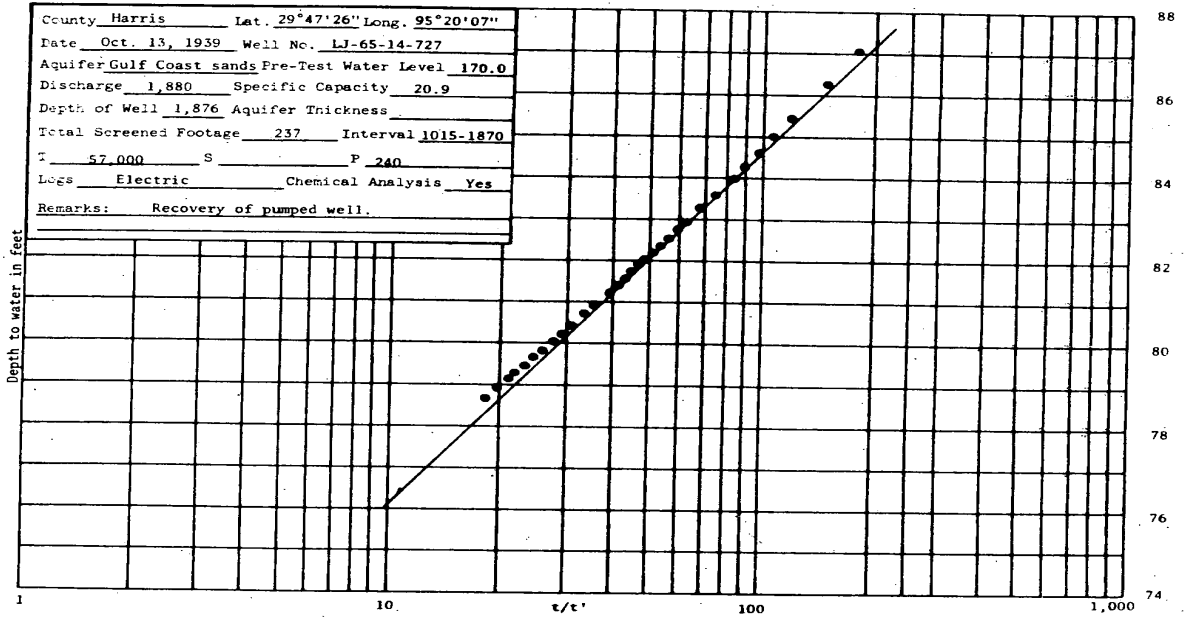
Aquifer - 121EVGL ID - 15
EVANGELINE
AQUIFER

Tuesday, August 08, 2006

Well Number - 6514727



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WATER UTILITY DATABASE (WUD)

MAP ID# 131 Distance from Property: 2.44 mi. NNE

PWSID: 1010013
SOURCE ID: G1010013HH
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1938
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.334167480
LATITUDE: 29.791110990

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 131 Distance from Property: 2.44 mi. NNE

ID NUMBER: TX205388
STATE ID : 65-14-7J
OWNER NAME: HARRIS-GALVESTON SUBSIDENCE DISTRICT
DATE DRILLED: 02/29/1980
DEPTH DRILLED: 487'
STATIC LEVEL: NOT REPORTED
WATER USAGE: TEST WELL
LONGITUDE: -95.334100000
LATITUDE: 29.791620000

5 PAGE(S) OF DRILLERS' LOGS



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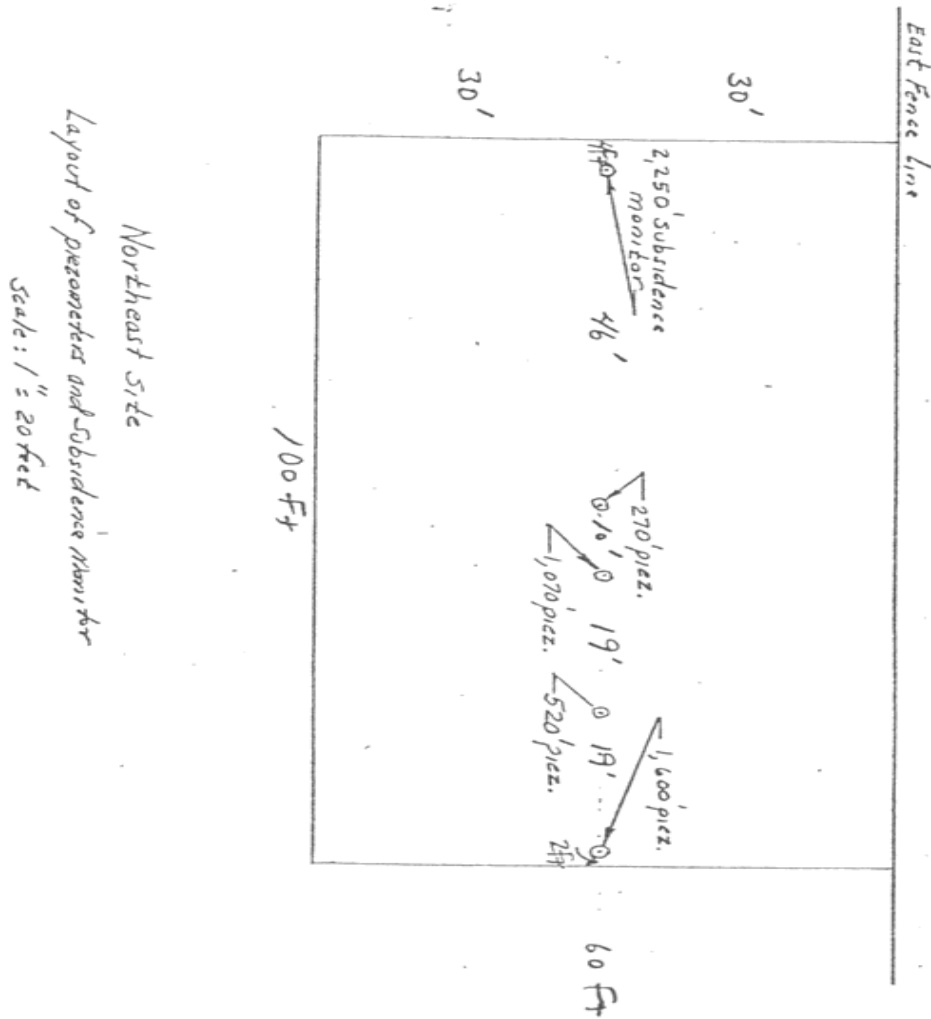




EXHIBIT C

SUBSIDENCE MONITOR/PIEZOMETERS
WELL SYSTEM CONSTRUCTION SITE

NORTHEAST

The construction site is located adjacent to the easterly boundary of the City of Houston Northeast Well Field Plant Yard; said Plant Yard being a tract of land located in the J. S. Collins Survey, Abstract 15, bounded on the north side by Brill Street, on the east side by Tuffly Park, and on the west side by Linn Street.

IV.9

Layne-Western Company, Inc. A Marley Company

P.O. Box 79009 · Houston, Texas 77079 · 713/466-5001

L O G - WELL #4 NORTHEAST PLANT SITE

0	3	Top Soil
3	15	Clay
15	20	Sand
20	35	Clay
35	40	Sand
40	130	Clay
130	140	Sand
140	169	Clay
169	175	Sand
175	180	Clay
180	243	Sand
243	270	Clay
270	301	Sand
301	360	Clay
360	379	Sand
379	385	Clay
385	401	Sand
401	415	Clay
415	430	Sand
430	445	Clay
445	488	Sand
488	490	Clay



WATER SUPPLY SERVICES

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 5 out of 5
Water Well ID: 205388

DUP

Send original copy by certified mail to the Texas Department of Water Resources, P. O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TDWR use only
Well No. 65-14-71
Located on map YES
Received: TH

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Harris-Galveston Coastal Subsidence District Address P. O. Box 58847 Houston, Texas 77058
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: Harris 5 miles in N.E. direction from Houston
County (N.E., S.W., etc.) (Town)

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map.

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Public Supply Irrigation Test Well Other _____

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored
 Air Rotary Cable Tool Jetted Other _____

6) WELL LOG:
4
Date drilled 2-29-80

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
7-7/8	Surface	487

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material	8) CASING, BLANK PIPE, AND WELL SCREEN DATA:					
			Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
See Attached								
			4 1/2	N	Steel	+2	467	.237
			2 1/2	N	Steel	457	472	
			2 1/2	N	SST Screen	472	482	
			2 1/2	N	Steel	482	487	

9) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Lead Depth 457

11) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

12) WELL TESTS:
 Type Test Pump Bailor Jetted Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME James O'Connor Water Well Drillers Registration No. 999
(Type or Print)

ADDRESS 5931 Brittmoore Houston Texas 77041
(Street or RFD) (City) (State) (Zip)

(Signed) James O'Connor LAYNE-WESTERN COMPANY, INC.
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

FDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

K.R.



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 131 Distance from Property: 2.44 mi. NNE

ID NUMBER: TX205389
STATE ID : 65-14-7J
OWNER NAME: HARRIS-GALVESTON SUBSIDENCE DISTRICT
DATE DRILLED: 02/15/1980
DEPTH DRILLED: 1033'
STATIC LEVEL: NOT REPORTED
WATER USAGE: TEST WELL
LONGITUDE: -95.334100000
LATITUDE: 29.791630000
2 PAGE(S) OF DRILLERS' LOGS

Layne-Western Company, Inc. A Marley Company

P.O. Box 79009 · Houston, Texas 77079 · 713/466-5001

L O G - WELL #3 NORTHEAST PLANT SITE

0	3	Top Soil
3	60	Clay
60	80	Sand
80	100	Clay
100	140	Sand
140	170	Clay
170	175	Sand
175	182	Clay
182	245	Sand
245	270	Clay
270	300	Sand
300	360	Clay
360	380	Sand
380	385	Clay
385	400	Sand
400	415	Clay
415	430	Sand
430	445	Clay
445	490	Sand
490	530	Clay
530	540	Sand
540	575	Clay
575	600	Sand
600	620	Clay
620	660	Sand
660	715	Clay
715	730	Sand
730	775	Clay
775	780	Sand
780	815	Clay
815	850	Sand
850	895	Clay
895	910	Sand
910	935	Clay
935	970	Sand
970	1009	Clay
1009	1036	Sand



WATER SUPPLY SERVICES

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205389

DUP

Send original copy by certified mail to the Texas Department of Water Resources, P. O. Box 13067, Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TDWR use only
Well No. 65-14-7J
Located on map. YES
Received: TH

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

Harris-Galveston Coastal Subsidence District

1) OWNER: Harris-Galveston Coastal Subsidence District (Name) Address: P. O. Box 58847 (Street or RFD) Houston, Texas (City) 77041 (State) (Zip)

2) LOCATION OF WELL: County Harris 5 miles in N.E. direction from Houston (Town)

3) TYPE OF WORK (Check):
 New Well Deepening
 Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Public Supply
 Irrigation Test Well Other

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored
 Air Rotary Cable Tool Jetted Other

6) WELL LOG: # 3
Date drilled 2-15-80

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
7-7/8	Surface	1033

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
						From	To	
See Attached								
			4 1/2	N	Steel	+2	1013	.237
			2 1/2	N	Steel	1003	1018	
			2 1/2	N	SST Screen	1018	1028	
			2 1/2	N	Steel	1028	1033	

CEMENTING DATA
 Cemented from 0 ft. to 1013 ft.
 Method used Pressure
 Cemented by Halliburton (Company or Individual)

9) WATER LEVEL:
 Static level _____ ft. below land surface Date _____
 Artesian flow _____ gpm. Date _____

10) PACKERS: Type Lead Depth 1003

11) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
 Depth to pump bowls, cylinder, jet, etc., _____ ft.

12) WELL TESTS:
 Type Test Pump Bailer Jetted Estimated
 Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
 Did you knowingly penetrate any strata which contained undesirable water? Yes No
 If yes, submit "REPORT OF UNDESIRABLE WATER"
 Type of water? _____ Depth of strata _____
 Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME James O'Connor (Type or Print) Water Well Drillers Registration No. 222

ADDRESS 5931 Brittmoore (Street or RFD) Houston (City) Texas (State) 77041 (Zip)

(Signed) James O'Connor (Water Well Driller) LAYNE-WESTERN COMPANY, INC. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

K P.



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MAP ID# 131 Distance from Property: 2.44 mi. NNE

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294728095200103**

STATION NAME: **LJ-65-14-738 (NORTHEAST PIEZOMETER NO. 4)**

SITE TYPE: **GW**

LATITUDE: **29.791630000** LONGITUDE: **-95.334100000**

DATE DRILLED: **02/15/1980**

WELL DEPTH: **487 feet**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **CHICOT AQUIFER**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 131 Distance from Property: 2.44 mi. NNE

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294728095200101**

STATION NAME: **LJ-65-14-759**

SITE TYPE: **GW**

LATITUDE: **29.791630000** LONGITUDE: **-95.334100000**

DATE DRILLED: **01/01/1938**

WELL DEPTH: **1291 feet**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 131 Distance from Property: 2.44 mi. NNE

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294728095200102**

STATION NAME: **LJ-65-14-735**

SITE TYPE: **GW**

LATITUDE: **29.791630000** LONGITUDE: **-95.334100000**

DATE DRILLED: **02/01/1980**

WELL DEPTH: **1596 feet**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 131 Distance from Property: 2.44 mi. NNE

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294728095200104**

STATION NAME: **LJ-65-14-742**

SITE TYPE: **GW**

LATITUDE: **29.791630000** LONGITUDE: **-95.334100000**

DATE DRILLED: **02/15/1980**

WELL DEPTH: **1035 feet**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 131 Distance from Property: 2.44 mi. NNE

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294728095200105**

STATION NAME: **LJ-65-14-745**

SITE TYPE: **GW**

LATITUDE: **29.791630000** LONGITUDE: **-95.334100000**

DATE DRILLED: **02/01/1980**

WELL DEPTH: **298 feet**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **CHICOT AQUIFER**



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MAP ID# 131 Distance from Property: 2.44 mi. NNE

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294728095200106**

STATION NAME: **LJ-65-14-746 EXTENSOMETER**

SITE TYPE: **GW-EX**

LATITUDE: **29.791630000** LONGITUDE: **-95.334100000**

DATE DRILLED: **04/25/1980**

WELL DEPTH: **2170 feet**

HOLE DEPTH: **2256 feet**

LOCAL AQUIFER: **EVANGELINE AQUIFER**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 131 Distance from Property: 2.44 mi. NNE

STATE ID: 65-14-735
OWNER'S NAME: HARRIS-GALVESTON COAST SUBSIDENCE DIST.,N.E.
DATE DRILLED: 00/00/1980
DEPTH DRILLED: 1597'
WATER USAGE: UNUSED
LONGITUDE: -95.334100000
LATITUDE: 29.791620000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514735/6514735.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
State ID: 65-14-735

WRD Exp. (GW)
April 1966

Well No. LT-65-14-735

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by RS Sorenson Source of data DRILLER'S OBS Date 2-11-80 Map SETTE EAST, TX 1967 1:24,000

State TEXAS County HARRIS (or town) LJ

Latitude: 29° 47' 28" N Longitude: 095° 20' 01" W Sequential number: 2

Local well number: LJ-65-14-735 Other number: NORTHEAST No. 2

Local use: H.F.C.S.D. Owner of name: HARRIS-GALVESTON COASTAL SUBSIDENCE DISTRICT

Owner or name: H.F.C.S.D. Address: 1730 NASA RD 1

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist. 5

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec. (S) Stock, Instit, Unused, Recharge, Recharge, Desal-P S, Desal-other, Other 4

Use of well: (A) Anode, Drain, Seismic, Heat Res. Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. 8

DATA AVAILABLE: Well data 2 Freq. W/L meas.: MONTHLY Field aquifer char. 7

Hvd. lab. data: 23

Qual. water data; type: partial 24 P

Freq. sampling: ORIGINAL Pumpage inventory: no period: 27

Aperture cards: 28

Log data: DRILLER'S log 29 D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1596 ft Meas. 3

Depth cased; (dist. perf.): 1567 ft Casing type: steel ; Diam. 4 1/2-2 1/2 in 4

Finish: porous concrete, gravel v. concrete, (perf.), (screen), (H) gravel v. (G) gravel v. (P) open perf., (S) open perf., (T) sd. pt., (W) shored, (X) open hole, (Z) other 5

Method drilled: (A) air bored, (B) cable, (C) dug, (D) jetted, (E) air rot., (F) reverse, (G) percussion, (H) rotary, (I) trenching, (J) driven, (K) wash, (L) other 11

Date drilled: FEB 1980 9:8:0 Pump intake setting: NONE ft 38

Driller: O'DAY DALE CO. name address PEARLAND, TX

Lift (type): (A) air, (B) bucket, (C) cent., (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot., (J) submerg, (K) turb., (L) other W Deep 20 Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. LP trans. or meter no.

Descrip. MP top of casing +2.0 ft above below LSD, Alt. MP 3

Alt. LSD: 49 Accuracy: 5' TOPO 3

Water Level 397.55 ft above below MP; Ft. below LSD 398 Accuracy: steel tape 9

Date meas: 4-24-80 4:8:0 Yield: 75 gpm 15 Method determined 1

Drawdown: 21" Accuracy: 9 Pumping period hrs 28

QUALITY OF WATER DATA: Iron 8.8 ppm 9 Chloride 390 ppm 7

Sp. Conduct 980 k x 10⁶ 7.8 Temp. 77.5 °F 2-8-80 Date sampled 280

taste, color, etc.

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 132 Distance from Property: 2.45 mi. NNE

WELL ID: 2910
OWNERS NAME: CROZIER-NELSON CHEM. & CONST.
YEAR DRILLED: 1981
DEPTH DRILLED: NOT REPORTED
STATIC LEVEL: NOT REPORTED
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.344759000
LATITUDE: 29.795016000
SOURCE: HGSD



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 133 Distance from Property: 2.45 mi. NNE

STATE ID: 65-14-407
OWNER'S NAME: HUNT-WESSON FOODS, INC WELL #3
DATE DRILLED: 00/00/1946
DEPTH DRILLED: 782'
WATER USAGE: PUBLIC SUPPLY
LONGITUDE: -95.343430000
LATITUDE: 29.794800000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514407/6514407.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 3
State ID: 65-14-407

TEXAS WATER DEVELOPMENT BOARD WELL SCHEDULE

State Well Number - 65 14 407 Previous Well Number - 664 County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 47 39 Longitude - 95 20 36 Source of Coords - 1

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Hunt-Wesson Foods, Inc Driller - Layne Texas
Well #3

Address _____ Tenant/Oper. _____
Date Drilled - / /1946 Depth - 782 ft. Source of Depth - Altitude - 53 ft. Source of Alt. -
Aquifer - 112CEVG CHICOT AND EVANGELINE AQUIFERS
WELL Const. Casing Well Type - W User -
CONSTRUCTION Method - Material - Screen Completion - Material -
LIFT DATA - Pump Mfr. _____ Type - TURBINE PUMP No. Stages _____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - 50
YIELD Flow- _____ GPM Pump- _____ GPM Meas., Rept., Est- _____ Date- _____
PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM
Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap. - _____ GPM/ft
QUALITY (Remarks- _____
WATER USE Primary- PUBLIC SUPPLY Secondary- INDUSTRIAL Tertiary- _____
OTHER DATA AVAILAIBLE Water Levels- H Quality- N Logs- Other Data-
WATER LEVELS Date- 09/03/1946 Measurement- -145.30
 Date- 01/11/1979 Measurement- -425.00
Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency -
REMARKS -

115 ft of screen between 464 and
767 ft.

Aquifer - 112CEVG
Well No. - 65 14 407



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 3
State ID: 65-14-407

WRD Exp. (GW)
April 1966

Well No. J-65-14-407

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by S.D. McAdoo Source of data F-12 Date 1-19-68 Map 5446 east 1955
 State TX County Harris Sequential number: 1
 Latitude: 29 deg 47 min 38 sec N Longitude: 09 deg 52 min 03 sec W
 Local well number: 65-14-407 Other number: 664-3
 Local use: _____ Owner or name: HUNT-WESSON FOODS, INC.
 Owner or name: HUNT-WESSON FOODS Address: Houston, Texas
 Ownership: (C) County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist (N)
 Use of water: (A) Air cond, Bottling, Comms, Dewater, Power, Fire, Dom, Irr, Ind, P S, Rec, Stock, Instit, Unused, Recharge, Desal-P S, Desal-other, Other (N)
 Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed (W)
 DATA AVAILABLE: Well data 2 Freq. W/L meas.: 5 Field aquifer char. _____
 Hyd. lab. data: _____
 Qual. water data: type: _____
 Freq. sampling: NDHP Pumpage inventory: yes
 Aperture cards: _____
 Log data: F-Log (4-27)

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 782 ft. Meas. Driller accuracy _____
 Depth cased; (first perf.): 464 ft. Casing Type: 5 ; Diam: 14-7 in.
 Finish: (F) porous concrete, (G) gravel v. (H) gravel w. (I) horiz. gallery, (J) open end, (K) perf., (L) screen, (M) sd. pt., (N) shored, (O) pipe, (P) other _____
 Method: (A) air bored, (B) cable, (C) dug, (D) hyd. jetted, (E) air rot., (F) reverse, (G) trenching, (H) driven, (I) drive wash, (J) other _____
 Date Drilled: Aug 1946 Pump intake setting: _____ ft.
 Driller: Loyac-Texas Co. Houston, Texas
 Lift (type): (A) air, (B) bucket, (C) cent., (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot., (J) submerg, (K) turb., (L) other _____
 Power (type): diesel, elec gas, gasoline, hand, gas, wind; H.P. 50 Trans. of meter no. _____
 Descrip. MP _____ ft below LSD, Alt. MP _____
 Alt. LSD: 53 ft. Accuracy: (source) Topo 5'
 Water Level: 157 ft above (GWS) MP; Ft below LSD 157 Accuracy: Lept. WP
 Date meas: Aug. 1946 Yield: _____ gpm Method determined _____
 Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs
 QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm
 Sp. Conduct _____ X 10⁶ Temp. _____ °F Date sampled _____
 Taste, color, etc. _____

Well No. JT-65-14-407

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 3 out of 3
State ID: 65-14-407

Well No. LT-65-14-407

Latitude-longitude 29 47 38 S 95 20 35.1 W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD **Physiographic Province:** coastal plain **Section:** 211-2

Drainage Basin: 51R **Subbasin:** 26

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp. (E) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system T series 28 aquifer, formation, group E **Aquifer Thickness:** 30 ft

Lithology: 32 **Origin:** 34 **Length of well open to:** 115 ft **Depth to top of:** 115 ft

MINOR AQUIFER: system Q series 43 aquifer, formation, group C2 **Aquifer Thickness:** 46 ft

Lithology: 48 **Origin:** 50 **Length of well open to:** 51 ft **Depth to top of:** 51 ft

Intervals Screened: 464-501; 502-522; 684-715; 717-734; 757-767.

Depth to consolidated rock: 40 ft **Source of data:** 64

Depth to basement: 43 ft **Source of data:** 69

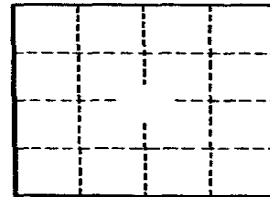
Surficial material: 70 **Infiltration characteristics:** 72

Coefficient Trans: 73 **Coefficient Storage:** 76

Coefficient Perm: 79 **Spec cap:** 79 **Number of geologic cards:** 79

455 of 14" OD pipe
116' Lap of 7' liner in 14" CSS.
340 Top of 7" liner.

P/L = 242'
10 min recovery = 157'



Well No. LT-65-14-407

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 133 Distance from Property: 2.45 mi. NNE

STATE ID: 65-14-425
OWNER'S NAME: HUNT-WESSON FOODS, INC
DATE DRILLED: 00/00/1928
DEPTH DRILLED: 834'
WATER USAGE: PLUGGED OR DESTROYED
LONGITUDE: -95.343430000
LATITUDE: 29.794830000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514425/6514425.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 133 Distance from Property: 2.45 mi. NNE

STATE ID: 65-14-408
OWNER'S NAME: HUNT-WESSON FOODS, INC WELL #4
DATE DRILLED: 09/00/1948
DEPTH DRILLED: 1022'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.343450000
LATITUDE: 29.794810000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514408/6514408.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 134 Distance from Property: 2.46 mi. SE

STATE ID: 65-22-223
OWNER'S NAME: HYGEIA ICE CO.
DATE DRILLED: 00/00/1928
DEPTH DRILLED: 728'
WATER USAGE: UNUSED
LONGITUDE: -95.328080000
LATITUDE: 29.731630000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522223/6522223.pdf>



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 135 Distance from Property: 2.47 mi. WNW

ID NUMBER: TX199632
STATE ID : 65-13-9
OWNER NAME: BRH GARVER
DATE DRILLED: 06/29/1992
DEPTH DRILLED: 65'
STATIC LEVEL: 20'
WATER USAGE: DE-WATERING
LONGITUDE: -95.390793000
LATITUDE: 29.775265000

2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 199632

Send original copy by certified mail to: Texas Water Commis

P.O. Box 13087, Austin, Texas 78711

Please use black ink.

ATTENTION OWNER: Confidentiality
Privacy Notice on Reverse Side

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER BRN GARVER (Name) ADDRESS 5402 Lawndale HSTN TX 77023 (Street or RFD) (City) (State) (Zip)
2) LOCATION OF WELL: Studemont miles in _____ direction from _____ (Town)
County HARRIS

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

LEGAL DESCRIPTION:

Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

SEE ATTACHED MAP

3) TYPE OF WORK (Check):

New Well Deepening
 Reconditioning Plugging

4) PROPOSED USE (Check):

Domestic Industrial Monitor Public Supply
 Irrigation Test Well Injection De-Watering

5) DRILLING METHOD (Check):

Mud Rotary Air Hammer Jetted Bored
 Air Rotary Cable Tool Other _____

6) WELL LOG:

Date Drilling: 6/24 1992
Started 6/29 1992
Completed _____ 19____

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)	
12 3/4	Surface	62	

7) BOREHOLE COMPLETION:

Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	22	Top Soil & Clay
22	25	SAND
25	36	CLAY
36	55	SAND
55	70	CLAY

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casting Screen
			From	To	
8	N	PVC	0	35	
8	N	PVC	35	55	.025

9) CEMENTING DATA [Rule 287.44(1)]

Cemented from 0 ft. to 15 ft. No. of Sacks Used 8
ft. to _____ ft. No. of Sacks Used _____
Method used Trimme
Cemented by Bussell & Son Inc.

13) TYPE PUMP:

Turbine Jet Submersible Cylinder
 Other _____

Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:

Type Test: Pump Bailor Jetted Estimated
Yield: 100 gpm with _____ ft. drawdown after _____

15) WATER QUALITY:

Did you knowingly penetrate any strata which contained undesirable constituents?
 Yes No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes NO

10) SURFACE COMPLETION

Specified Surface Slab Installed [Rule 287.44(2)(A)]
 Spigotted Steel Sleeve Installed [Rule 287.44(3)(A)]
 Pipes Adapter Used [Rule 287.44(3)(B)]
 Approved Alternative Procedure Used [Rule 287.71]

WATER LEVEL:

Static level 20 ft. below land surface Date 6/29/92
Flow level _____ gpm. Date _____

PACKERS:

Type	Depth

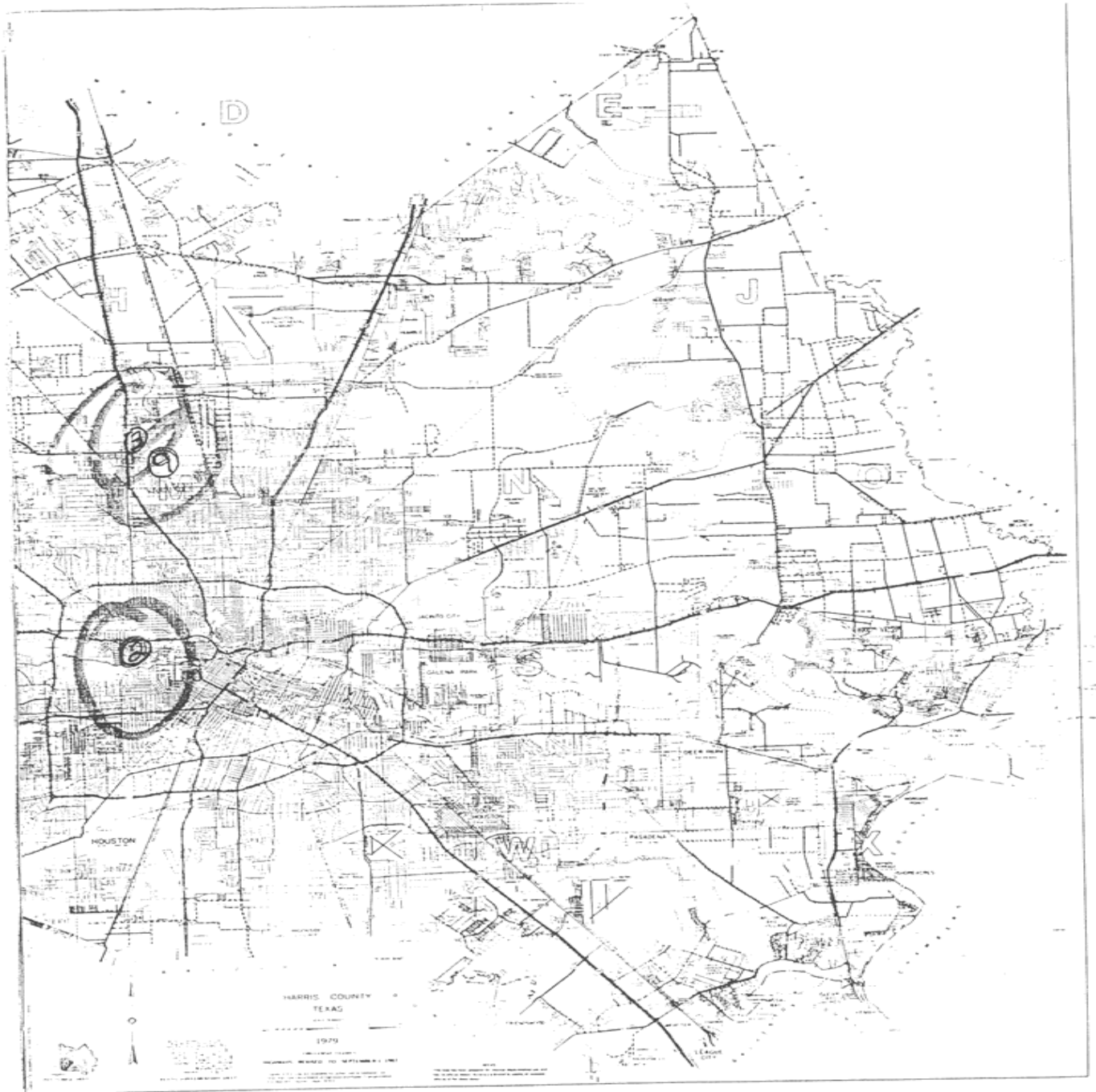
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Bussell & Son Inc (Type or print) WELL DRILLER'S LICENSE NO. 2035
ADDRESS P.O. Box 874 Tomball TX 77377-0874 (Street or RFD) (City) (State) (Zip)
(Signed) Ray Bussell (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 2 Located on map 6511319





SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 136 Distance from Property: 2.52 mi. WNW

TRACK #: 197988

DATE ENTERED: 2009-11-03

OWNER NAME: GROCERS SUPPLY

OWNER ADDRESS: 3131 E HOLCOMBE
HOUSTON, TX 77021

COUNTY: HARRIS

LATITUDE: 29.773333000 LONGITUDE: -95.392500000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=197988&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2009-10-19

DRILLING DATE (COMPLETED): 2009-10-21

DEPTH DRILLED: 337'

WATER LEVEL:

STATIC LEVEL: 170'

WATER LEVEL DATE: NOT REPORTED

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

INDUSTRIAL

COMPANY INFORMATION:

COMPANY NAME: O'DAY DRILLING COMPANY, INC

COMPANY ADDRESS: 5923 CR 931
ROSHARON, TX 77583

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 137 Distance from Property: 2.56 mi. E

ID NUMBER: TX212784
STATE ID : N/A
OWNER NAME: TEXAS INDUSTRIAL PLATING
DATE DRILLED: 05/??/1971
DEPTH DRILLED: 658'
STATIC LEVEL: 288'
WATER USAGE: DOMESTIC
LONGITUDE: -95.310295000
LATITUDE: 29.758059000

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 212784

Send original copy by certified mail to the Texas Water Development Board P.O. Box 12386 Austin, Texas 78711	State of Texas WATER WELL REPORT	GH 7 For TWDB use only Well No. _____ Located on map <u>2-97</u> Received: _____ Form GW 8 _____ Form GW 9 _____																																																								
1) OWNER: Person having well drilled <u>Texas Industrial Plating</u> Address <u>5713 Armour Dr. Houston</u> (Name) (Street or RFD) (City) (State) Landowner <u>same</u> Address _____ (Name) (Street or RFD) (City) (State)																																																										
2) LOCATION OF WELL: County <u>Harris</u> Labor _____ League _____ Abstract No. _____ NW 1/4 NE 1/4 SW 1/4 SE 1/4 of Section _____ Block No. _____ Survey _____ (Circle as many as are known)																																																										
3) miles in <u>NE</u> direction from <u>Houston</u> (Town) Well is located on property on <u>5713 Armour Dr. in Houston</u>																																																										
Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.																																																										
3) TYPE OF WORK (Check): New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging <input type="checkbox"/>																																																										
4) PROPOSED USE (Check): Domestic <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Municipal <input type="checkbox"/> Irrigation <input type="checkbox"/> Test Well <input type="checkbox"/> Other <input type="checkbox"/>																																																										
5) TYPE OF WELL (Check): Rotary <input checked="" type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Cable <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/>																																																										
6) WELL LOG: Diameter of hole <u>6</u> in. Depth drilled <u>658</u> ft. Depth of completed well <u>658</u> ft. Date drilled <u>May 71</u> All measurements made from <u>9</u> ft. above ground level.																																																										
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>From (ft.)</th> <th>To (ft.)</th> <th>Description and color of formation material</th> </tr> </thead> <tbody> <tr><td>0</td><td>62</td><td>clay</td></tr> <tr><td>62</td><td>75</td><td>sand</td></tr> <tr><td>75</td><td>309</td><td>clay sand streaks</td></tr> <tr><td>309</td><td>324</td><td>fine sand</td></tr> <tr><td>324</td><td>360</td><td>clay</td></tr> <tr><td>360</td><td>374</td><td>fine sand</td></tr> <tr><td>374</td><td>405</td><td>clay</td></tr> <tr><td>405</td><td>420</td><td>fine sand</td></tr> <tr><td>420</td><td>447</td><td>clay</td></tr> </tbody> </table>	From (ft.)	To (ft.)	Description and color of formation material	0	62	clay	62	75	sand	75	309	clay sand streaks	309	324	fine sand	324	360	clay	360	374	fine sand	374	405	clay	405	420	fine sand	420	447	clay	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>From (ft.)</th> <th>To (ft.)</th> <th>Description and color of formation material</th> </tr> </thead> <tbody> <tr><td>447</td><td>460</td><td>fine sand</td></tr> <tr><td>460</td><td>533</td><td>clay</td></tr> <tr><td>533</td><td>541</td><td>sand</td></tr> <tr><td>541</td><td>594</td><td>clay</td></tr> <tr><td>594</td><td>608</td><td>sand</td></tr> <tr><td>608</td><td>623</td><td>clay</td></tr> <tr><td>623</td><td>642</td><td>course sand</td></tr> <tr><td>642</td><td>657</td><td></td></tr> </tbody> </table>	From (ft.)	To (ft.)	Description and color of formation material	447	460	fine sand	460	533	clay	533	541	sand	541	594	clay	594	608	sand	608	623	clay	623	642	course sand	642	657	
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608	623	clay																																																								
623	642	course sand																																																								
642	657																																																									
7) COMPLETION (Check): Straight wall <input type="checkbox"/> Gravel packed <input type="checkbox"/> Other <input type="checkbox"/> Under reamed <input type="checkbox"/> Open hole <input type="checkbox"/>																																																										
8) WATER LEVEL: Static level <u>288</u> ft. below land surface Date <u>May 71</u> Artesian pressure _____ lbs. per square inch Date _____																																																										
9) CASING: Type: old <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Plastic <input type="checkbox"/> Other <input type="checkbox"/> Cemented from <u>350</u> ft. to <u>527</u> ft.																																																										
10) SCREEN: Type _____ Perforated <input type="checkbox"/> Slotted <input type="checkbox"/>																																																										
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Diameter (inches)</th> <th colspan="2">Setting</th> <th rowspan="2">Gage</th> </tr> <tr> <th>From (ft.)</th> <th>To (ft.)</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>0</td> <td>527</td> <td>19#</td> </tr> <tr> <td>liner</td> <td></td> <td></td> <td>11#</td> </tr> <tr> <td>4"</td> <td>519</td> <td>534</td> <td></td> </tr> <tr> <td>4"</td> <td>540</td> <td>594</td> <td></td> </tr> </tbody> </table>	Diameter (inches)	Setting		Gage	From (ft.)	To (ft.)	6	0	527	19#	liner			11#	4"	519	534		4"	540	594		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Diameter (inches)</th> <th colspan="2">Setting</th> <th rowspan="2">Slot size</th> </tr> <tr> <th>From (ft.)</th> <th>To (ft.)</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>534</td> <td>540</td> <td>14 ga</td> </tr> <tr> <td></td> <td>594</td> <td>608</td> <td>16 ga</td> </tr> <tr> <td></td> <td>616</td> <td>642</td> <td>18 ga.</td> </tr> </tbody> </table>	Diameter (inches)	Setting		Slot size	From (ft.)	To (ft.)	4	534	540	14 ga		594	608	16 ga		616	642	18 ga.																	
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	594	608	16 ga																																																							
	616	642	18 ga.																																																							
11) WELL TESTS: Was a pump test made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes by whom? _____ Yield: _____ gpm with _____ ft. drawdown after _____ hrs Bailor test: _____ gpm with _____ ft. drawdown after _____ hrs Artesian flow: _____ gpm Date _____ Temperature of water: _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Did any strata contain undesirable water? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Type of water? _____ depth of strata _____																																																										
12) PUMP DATA: Manufacturer's Name <u>Jacuzzi 156M6-T2</u> Type <u>Sub</u> H.P. <u>15</u> Designed pumping rate <u>120</u> gpm <input type="checkbox"/> x gpb <input type="checkbox"/> Type power unit <u>electric</u> Depth to bowls, cylinder, jet, etc. <u>357</u> ft. below land surface.																																																										
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. NAME <u>B.J. Swinehart</u> (Type or Print) Water Well Drillers Registration No. <u>229</u> Address <u>7524 N. Freeway Houston, Texas 77037</u> (Street or RFD) (City) (State) (Signed) <u>B.J. Swinehart</u> (Type or Print) <u>B.J. Swinehart Co., Inc.</u> (Company Name)																																																										
Please attach electric log, chemical analysis, and other pertinent information, if available.																																																										

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 137 Distance from Property: 2.56 mi. E

STATE ID: 65-14-810
OWNER'S NAME: TEXAS INDUSTRIAL PLATING
DATE DRILLED: 00/00/1971
DEPTH DRILLED: 658'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.310296000
LATITUDE: 29.758073000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514810/6514810.pdf>



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 138 Distance from Property: 2.56 mi. E

ID NUMBER: TX199549
STATE ID : 65-22-2A
OWNER NAME: HOUSTON BARGE - SIDE WAREHOUSE
DATE DRILLED: 02/26/1965
DEPTH DRILLED: 253'
STATIC LEVEL: 120'
WATER USAGE: WAREHOUSE
LONGITUDE: -95.310943000
LATITUDE: 29.753290000
1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 199549

2A

File original copy with Texas Water Commission P. O. Box 12311, Capitol Station Austin, Texas 78711	State of Texas DRILLERS LOG AND WELL DATA REPORT	For use by TWC only Well No. <u>25-22-29</u> Location on map <u>H-50</u> By <u>HW</u> Date <u>4-30</u> Map no. <u>102-12</u>																
Well Owner: <u>Houston Barge - Side Warehouse, 506 N. Greenwood, Houston, Texas</u>																		
Land Owner: <u>Same</u>																		
Intended use: Industrial <input type="checkbox"/> Municipal <input type="checkbox"/> Irrigation <input type="checkbox"/> Other <u>To furnish water for Warehouse</u>																		
Location of well: County <u>Harris</u> Labor _____ League _____ Abstract No. _____																		
NE1/4, NE1/4, SW1/4, SE1/4 of Section _____ Block No. _____ Survey _____																		
_____ miles in _____ direction _____																		
LOCATION OF WELL, SAME AS ABOVE ADDRESS																		
Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.																		
DRILLERS LOG OF WELL																		
Method of drilling: <u>Rotary</u> Diameter of hole <u>4"</u> in. Date drilled <u>Feb. 26, 1965</u>																		
All measurements made from <u>0</u> ft. above ground level.																		
From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material													
0	9	Fill Dirt	234	247	Sand,													
9	29	Hard Yellow Clay	247	253	Shale Sandy													
29	34	Fine Red Sand																
34	72	Red Shale																
72	96	Blue Mud Shale																
96	162	Powder Sand																
62	192	Stickey Shale Brown																
92	234	Stickey Shale																
COMPLETION Straight wall <input checked="" type="checkbox"/> Inner reamed <input type="checkbox"/> Level packed <input type="checkbox"/> Open hole <input type="checkbox"/> Other _____	CASING Type: Old <input type="checkbox"/> New <input checked="" type="checkbox"/> Cemented from <u>0</u> ft. to <u>235</u> ft. <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th rowspan="2">Diameter (inches)</th> <th colspan="2">Setting</th> </tr> <tr> <th>from (ft)</th> <th>to (ft)</th> </tr> <tr> <td>4"</td> <td>0</td> <td>235</td> </tr> </table>	Diameter (inches)	Setting		from (ft)	to (ft)	4"	0	235	SCREEN Type <u>LOP, STAINLESS</u> Perforated <input type="checkbox"/> Slotted <input type="checkbox"/> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th rowspan="2">Diameter (inches)</th> <th colspan="2">Setting</th> </tr> <tr> <th>from (ft)</th> <th>to (ft)</th> </tr> <tr> <td>2 1/2"</td> <td>234</td> <td>247</td> </tr> </table>	Diameter (inches)	Setting		from (ft)	to (ft)	2 1/2"	234	247
Diameter (inches)	Setting																	
	from (ft)	to (ft)																
4"	0	235																
Diameter (inches)	Setting																	
	from (ft)	to (ft)																
2 1/2"	234	247																
WATER LEVEL AND PUMP DATA Static water level <u>120</u> _____ below <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>feet</th> <th>Pumping level hours</th> <th>gpm</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	feet	Pumping level hours	gpm				Pump type <u>Electric</u> Designed pumping rate _____ gpm <input type="checkbox"/> gph <input type="checkbox"/> Type power unit <u>Jacuzzi Submersible Pump</u> Horsepower <u>1 1/2 HP</u> Depth to bowls, cylinder, jet, etc., <u>189</u> ft. below pump base.											
feet	Pumping level hours	gpm																

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 138 Distance from Property: 2.56 mi. E

STATE ID: **65-14-821**

OWNER'S NAME: **HOUSTON BARGE CO.**

DATE DRILLED: **00/00/1965**

DEPTH DRILLED: **253'**

WATER USAGE: **INDUSTRIAL**

LONGITUDE: **-95.310944000**

LATITUDE: **29.753304000**

SOURCE: **TWDB**

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514821/6514821.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 139 Distance from Property: 2.56 mi. NW

STATE ID: **65-13-947**

OWNER'S NAME: **BEAUCHAMPS SPRINGS**

DATE DRILLED: **NOT REPORTED**

DEPTH DRILLED: **NOT REPORTED**

WATER USAGE:

LONGITUDE: **-95.375402000**

LATITUDE: **29.792036000**

SOURCE: **TWDB**

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513947/6513947.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
 State ID: 65-13-947

Harris Co.

```

PERFORM:  Query  Next  Previous  View  Add  Update  Remove  Table  Screen  ...
Searches the active database table.                ** 1: welldata table**
State Well No.: [6513947]      Prev. Well No.: [      ]      County Code: [201]
Basin:           [      ]      Zone:           [      ]      Region No.: [      ]
Latitude:        [294731]      Longitude:      [0952231]      Coord. Accuracy: [1]

Well Owner:           [      ]      Aquifer Code: [      ]
                  [Beauchamps Springs]      Aquifer ID-1: [      ]
Well Driller:         [      ]      Aquifer ID-2: [      ]
                  [      ]      Aquifer ID-3: [      ]

Date Drilled: [      ] [      ] [      ]      Depth: [      ]      Source of Depth: [      ]
Altitude: [      ]      Source of Alt. Datum: [      ]      Well Type: [S]
                  User Code: [      ]

Type of Lift: [      ]      Type of Power: [      ]      Horsepower: [      ]
Primary Use: [      ]      Secondary Use: [      ]      Tertiary Use: [      ]
Water Level: [      ]      Water Quality: [      ]      Well Logs: [      ]      Other Data: [      ]

Date Collected or Updated: [11][06][2003]      Reporting Agency: [02]
                  Well Schedule in File: [Y]

Construction Meth.: [      ]      Completion: [      ]      Casing Material: [      ]      Screen Material: [      ]

1 row(s) found
-----
1 Sess-1      134.125.90.27      1 1/9
    
```

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 139 Distance from Property: 2.56 mi. NW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294731095223101**

STATION NAME: **LJ-65-13-947**

SITE TYPE: **SP**

LATITUDE: **29.792039000** LONGITUDE: **-95.375399000**

DATE DRILLED: **NOT REPORTED**

WELL DEPTH: **NOT REPORTED**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **NOT REPORTED**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 139 Distance from Property: 2.56 mi. NW

WELL ID: 1788
OWNERS NAME: LAMAR HOTEL
YEAR DRILLED: 1928
DEPTH DRILLED: NOT REPORTED
STATIC LEVEL: NOT REPORTED
WATER USAGE: PUBLIC SUPPLY
WELL STATUS: PLUGGED
LONGITUDE: -95.375399000
LATITUDE: 29.792039000
SOURCE: HGSD



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 140 Distance from Property: 2.58 mi. N

ID NUMBER: TX205303
STATE ID : 65-14-4
OWNER NAME: KENT WONG
DATE DRILLED: 10/25/1988
DEPTH DRILLED: 502'
STATIC LEVEL: 252'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.355479000
LATITUDE: 29.797711000

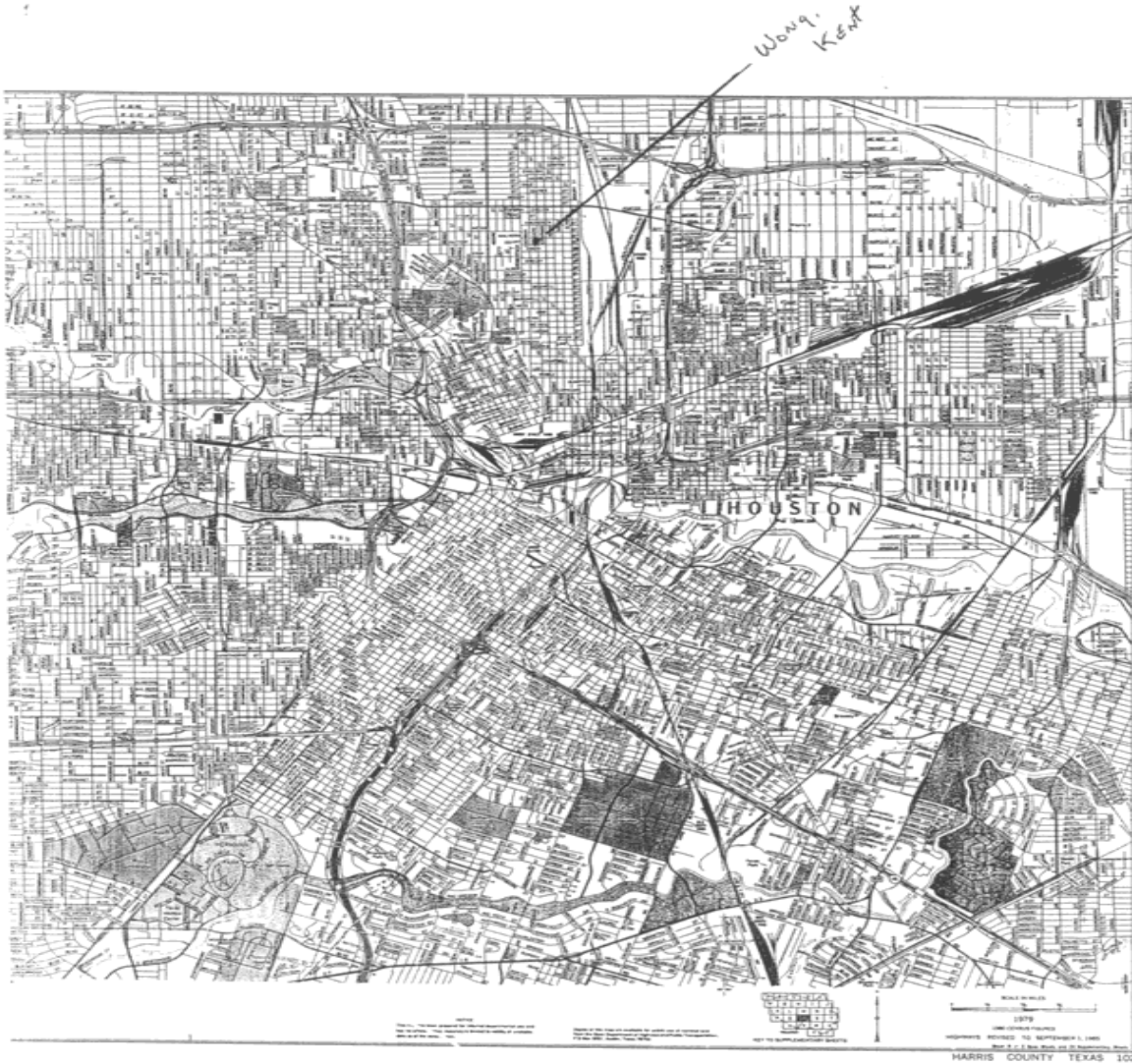
2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205303



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 141 Distance from Property: 2.58 mi. SW

ID NUMBER: TX199514
STATE ID : 65-21-3G
OWNER NAME: DWIGHT PHILLIPS
DATE DRILLED: ???/??/????
DEPTH DRILLED: 185'
STATIC LEVEL: 94'
WATER USAGE: HOME
LONGITUDE: -95.384426000
LATITUDE: 29.734238000

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 199514

File original copy with Texas Water Commission P. O. Box 2311, Capitol Station Austin 11, Texas	State of Texas DRILLERS LOG AND WELL DATA REPORT	For use by TWC only Well No. <u>65-21-36</u> Located on map <u>42</u> By <u>W</u> Date <u>4/23/02</u> Map no. <u>102 CEJ</u>			
1) Well Owner: <u>Dwight Phillips</u> <u>Bellaire</u>					
2) Land Owner: <u>Same</u>					
3) Intended use: Industrial <input type="checkbox"/> ; Municipal <input type="checkbox"/> ; Irrigation <input type="checkbox"/> ; Other <u>Home</u>					
4) Location of well: County <u>Harris</u> Labor _____ League _____ Abstract No. _____					
NW <input type="checkbox"/> NE <input type="checkbox"/> SW <input type="checkbox"/> SE <input type="checkbox"/> of Section _____ Block No. _____ Survey _____					
_____ miles in _____ direction from _____ to _____					
Sketch map of well location with distances from two sections or survey lines, and to landmarks, roads, and creeks.					
Method of drilling: _____ Diameter of hole _____ in. Date drilled _____					
All measurements made from _____ ft. above ground level.					
From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material
0	40	Surface clay			
40	44	Red Sand (fine)			
44	90	Red clay			
90	115	Sand streaks & clay			
115	160	clay			
160	185	Sand coarse			
(Use continuation sheets if necessary)					
COMPLETION DATA					
COMPLETION Straight wall <input type="checkbox"/> Under reamed <input type="checkbox"/> Gravel packed <input type="checkbox"/> Open hole <input type="checkbox"/> Other <u>4x2 1/2" lead seal well.</u>		CASING Type: Old <input type="checkbox"/> New <input checked="" type="checkbox"/> Cemented from _____ ft. to _____ ft. Diameter (inches) _____ Setting from (ft) _____ to (ft) _____		SCREEN Type <u>14 ga WAP SS steel</u> Perforated <input type="checkbox"/> Slotted <input type="checkbox"/> Diameter (inches) _____ Setting from (ft) _____ to (ft) _____ <u>Screen 175-185</u>	
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.					
Driller <u>Turbine Pump Service</u> Street _____ City _____ State _____ Reg. No. <u>273</u>					
Please attach electric log, chemical analysis, and other pertinent information if available. <u>9610 W. Spittard</u>					
If well was tested by your company or if you installed the permanent pump please complete the following: <u>Low Tef</u>					
Static water level <u>94 ft</u> ft. below _____			WATER LEVEL AND PUMP DATA		
Pumping level _____ feet hours gpm			Pump type <u>1 hp Submersible</u> Designed pumping rate <u>800 gph at 30 ltr.</u> spm <input type="checkbox"/> gph <input type="checkbox"/> Type power unit <u>Electric</u> Horsepower <u>3/4 HP</u> Depth to bowls, cylinder, jet, etc. <u>140 ft</u> ft. below pump base.		
Name of contractor testing well or installing permanent pump if other than your company: <u>Turbine Pump Service</u>					

2

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 142 Distance from Property: 2.60 mi. NNE

STATE ID: **65-14-416**
OWNER'S NAME: **STANDARD RENDERING CO.**
DATE DRILLED: **NOT REPORTED**
DEPTH DRILLED: **520'**
WATER USAGE: **INDUSTRIAL**
LONGITUDE: **-95.345530000**
LATITUDE: **29.797460000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514416/6514416.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-416

Texas Water Development Board Well Schedule

State Well Number 6514416 Previous Well Number _____ County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294753 Longitude 952045 Source of Coords 2

Owner's Well No. _____ Location _____

Owner Standard Rendering Co. Driller J. C. Bland Water Systems

Address _____ Tenant/Oper. _____

Date Drilled _____ Depth 520 Source of Depth _____ Altitude 54 Source of Alt. _____
Well Type W User _____

WELL CONSTRUCTION Const-Method Completion Casing Material Screen Material
Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - TURBINE PUMP No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas., Rept., Est. - _____ Date - _____

WATER USE Primary - INDUSTRIAL Secondary - _____ Tertiary - _____

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - _____ Other Data - _____

WATER LEVELS 1 measurement
1960
-240

Recorded By _____ Date Record Collected or Updated - 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER, LOWER

Thursday, November 30, 2006

Well Number - 6514416



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 142 Distance from Property: 2.60 mi. NNE

STATE ID: 65-14-417
OWNER'S NAME: STANDARD RENDERING CO.
DATE DRILLED: 00/00/1951
DEPTH DRILLED: 515'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.345530000
LATITUDE: 29.797430000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514417/6514417.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-417

**Texas Water Development Board
Well Schedule**

State Well Number 6514417 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294753 Longitude 952045 Source of Coords 2

Owner's Well No. _____ Location _____
Owner Standard Rendering Co. Driller J. C. Bland Water Systems

Address _____ Tenant/Oper. _____

Date Drilled / /1951 Depth 515 Source of Depth Altitude 54 Source of Alt.
Well Type W User

WELL CONSTRUCTION Const-Method Completion Casing Material Screen Material
Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - SUBMERSIBLE PUMP No. Stages _____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - INDUSTRIAL Secondary - blank Tertiary -

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - Other Data -

WATER LEVELS 1 measurement
1960
-240

Recorded By _____ Date Record Collected or Updated - 09/30/2002
Reporting Agency 01

REMARKS -
TWDB R178: Screen from 485 to 515 ft.

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER,LOWER

Thursday, November 30, 2006

Well Number - 6514417



HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 143 Distance from Property: 2.61 mi. SE

WELL ID: 1978
OWNERS NAME: HUGHES TOOL COMPANY
YEAR DRILLED: 1957
DEPTH DRILLED: 1120'
STATIC LEVEL: 849'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.319184000
LATITUDE: 29.736283000
SOURCE: HGSD



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 143 Distance from Property: 2.61 mi. SE

STATE ID: 65-22-203

OWNER'S NAME: HUGHES TOOL CO.

DATE DRILLED: 09/28/1948

DEPTH DRILLED: 1120'

WATER USAGE: INDUSTRIAL

LONGITUDE: -95.319178000

LATITUDE: 29.736275000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522203/6522203.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 143 Distance from Property: 2.61 mi. SE

STATE ID: 65-22-202
OWNER'S NAME: HAMMS BREWING
DATE DRILLED: 09/06/1947
DEPTH DRILLED: 1133'
WATER USAGE: UNUSED
LONGITUDE: -95.319179000
LATITUDE: 29.736275000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522202/6522202.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 143 Distance from Property: 2.61 mi. SE

STATE ID: 65-22-210
OWNER'S NAME: HUGHES TOOL CO.
DATE DRILLED: 00/00/1934
DEPTH DRILLED: 1123'
WATER USAGE: UNUSED
LONGITUDE: -95.319181000
LATITUDE: 29.736275000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522210/6522210.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 143 Distance from Property: 2.61 mi. SE

STATE ID: 65-22-211

OWNER'S NAME: HUGHES TOOL CO. #2

DATE DRILLED: 05/03/1926

DEPTH DRILLED: 1096'

WATER USAGE: UNUSED

LONGITUDE: -95.319187000

LATITUDE: 29.736283000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522211/6522211.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 143 Distance from Property: 2.61 mi. SE

STATE ID: 65-22-212
OWNER'S NAME: HUGHES TOOL CO. #1
DATE DRILLED: 00/00/1923
DEPTH DRILLED: 694'
WATER USAGE: UNUSED
LONGITUDE: -95.319174000
LATITUDE: 29.736275000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522212/6522212.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-22-212

TEXAS WATER DEVELOPMENT BOARD WELL SCHEDULE

State Well Number - 65 22 212 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 44 12 Longitude - 95 18 51 Source of Coords - 1

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Hughes Tool Co. Driller - Layne Texas
#1

Address _____ Tenant/Oper. _____

Date Drilled - / /1923 Depth - 694 ft. Source of Depth - D Altitude - 40 ft. Source of Alt. - M

Aquifer - 112CEVG CHICOT AND EVANGELINE AQUIFERS

Well Type - W User -

WELL CONSTRUCTION	Const. Method - _____	Casing Material - _____	
		Screen Material - _____	
	Completion - _____		

Casing or Blank Pipe (C)	
Well Screen or Slotted Zone (S)	
Open Hole (O)	
Cemented from _____ to _____	
Diam. (in.)	Setting(feet) From To

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages _____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - _____ Horsepower - _____

YIELD Flow- _____ GPM Pump- _____ GPM Meas., Rept., Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM

Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft

QUALITY (Remarks- _____)

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILABLE Water Levels- M Quality- N Logs- D Other Data- _____

WATER LEVELS	Date- 01/08/1931	Measurement- -49.20	
	Date- 03/16/1945	Measurement- -79.50	

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

1|
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Aquifer - 112CEVG
Well No. - 65 22 212



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 143 Distance from Property: 2.61 mi. SE

WELL ID: 1977
OWNERS NAME: HUGHES TOOL COMPANY
YEAR DRILLED: 1969
DEPTH DRILLED: 1133'
STATIC LEVEL: 838'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.319171000
LATITUDE: 29.736288000
SOURCE: HGSD



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SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 144 Distance from Property: 2.61 mi. WNW

TRACK #: 413947

DATE ENTERED: 2015-11-17

OWNER NAME: CARWASH PARTNERS INC

OWNER ADDRESS: 3522 WASHINGTON AVE
HOUSTON, TX 77023

COUNTY: HARRIS

LATITUDE: 29.77000000 LONGITUDE: -95.395278000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=413947&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2015-09-30

DRILLING DATE (COMPLETED): 2015-10-06

DEPTH DRILLED: 423'

WATER LEVEL:

STATIC LEVEL: 185'

WATER LEVEL DATE: 2015-10-06

TYPE OF WATER: NOT TESTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

OTHER

COMPANY INFORMATION:

COMPANY NAME: ALMEDA WATER WELL SERVICE

COMPANY ADDRESS: PO BOX 266
MANVEL, TX 77578

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 144 Distance from Property: 2.61 mi. WNW

WELL ID: 13397
OWNERS NAME: MISTER CAR WASH
YEAR DRILLED: Not Reported
DEPTH DRILLED: 400'
STATIC LEVEL: 370'
WATER USAGE: DOMESTIC/COMMERCIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.395556000
LATITUDE: 29.769722000
SOURCE: HGSD



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 145 Distance from Property: 2.64 mi. E

ID NUMBER: TX205386
STATE ID : 65-22-3A
OWNER NAME: GULF COAST CEMENT COMPANY
DATE DRILLED: 01/??/1962
DEPTH DRILLED: 806'
STATIC LEVEL: 264'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.309677000
LATITUDE: 29.753038000
6 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 6
Water Well ID: 205386

TEXAS WATER COMMISSION

COMMISSIONERS

JOE D. CARTER, CHAIRMAN
O. F. DENT
H. A. BECKWITH

813 STATE OFFICE BUILDING
201 EAST 14TH STREET

AREA CODE 512
GREENWOOD 6-6791



P. O. BOX 2311
CAPITOL STATION
AUSTIN 11, TEXAS

JOHN J. VANDERTULIP
CHIEF ENGINEER

C. R. BASKIN
ASS'T. CHIEF ENGINEER

ELBERT HOOPER
CHIEF EXAMINER

BEN F. LOONEY, JR.
SECRETARY

November 9, 1962

Mr. L. M. Fawcett, Secretary
Texas Water Wells, Inc.
951 McCarty Drive
Houston 29, Texas

Dear Sir:

This is to acknowledge receipt on November 8, 1962 of the Drillers Log and Well Data Report sent in by your company for a well drilled in Harris County for Gulf Coast Cement Company on January 1962.

When your logs are received at this office they are located and plotted on county highway maps, this is our reason for requesting accurate location information and a sketch giving distance and direction of the well from permanent land marks.

Our ability to plot these wells with relative accuracy greatly increase their value to us in our work.

We would appreciate receiving this information on the above named well at your earliest convenience.

Please, utilize the back of this letter for the requested information.

Yours truly,

James R. Wall
James R. Wall
Geologic Aide

JRW/gs

RECEIVED NOV 13 1962

RECEIVED
DEC 13 1962

TEXAS WATER COMMISSION
AUSTIN, TEXAS

WATER SUPPLY, DEEP WELLS AND PUMPS

A. E. FAWCETT, JR., PRESIDENT

TEXAS WATER WELLS INC.



951 MCCARTY DRIVE, HOUSTON 29, TEXAS, PHONE OR-2-7581

January - 1962

GULF COAST PORTLAND CEMENT PLANT
FOR: C & E Contractors
Water Well No. 3

SETTING DATA

SURFACE CASING:

SET AND CEMENTED IN PLACE: 600' of 12-3/4" O. D., .330" W. T.
Casing .

SCREEN AND BLANK LINER:

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>
500'	605'	105' of 6-5/8" Blank Liner
605'	625'	20' of 6-5/8" S. S. WOP Screen .035 ga.
625'	645'	20' of 6-5/8" S. S. WOP Screen .045 ga.
645'	722'	77' of 6-5/8" Blank Liner
722'	747'	25' of 6-5/8" S. S. WOP Screen .045 ga.
747'	784'	37' of 6-5/8" Blank Liner
784'	794'	10' of 6-5/8" S.S. WOP Screen .035 ga.
794'	800'	6' of 6-5/8" Blank Liner with back pressure valve.

65-22-300

MEMBER TEXAS WATER WELL DRILLING CONTRACTORS ASSOCIATION

WATER SUPPLY, DEEP WELLS AND PUMPS

A. E. FAWCETT, JR., PRESIDENT

TEXAS WATER WELLS INC.



C & E Contractors, Inc.
Gulf Coast Cement Co.
Water Well #1
Houston, Texas

DRILLER'S LOG

<u>FROM</u>	<u>TO</u>	<u>FORMATION</u>
0'	125'	Surface Clay
125'	160'	Sand
160'	205'	Shale
205'	225'	Sand
225'	235'	Shale
235'	250'	Sand
250'	270'	Shale
270'	315'	Sand
315'	320'	Shale
320'	340'	Sand
340'	350'	Shale
350'	390'	Sand
390'	400'	Shale
400'	425'	Sand
425'	510'	Sand & Shale Streaks
510'	525'	Sand
525'	605'	Shale
605'	650'	Sand
650'	670'	Shale
670'	680'	Sand
680'	710'	Shale
710'	750'	Sand
750'	780'	Shale
780'	800'	Sand
800'	806'	Shale

*Attach:
4 pages
WR# 65-22-30*

Gentlemen:

This well is located at the Gulf Coast Cement Company's
new plant at:

6203 Industrial Way
Houston, Texas.

Industrial Way intersects Navigation Blvd. at the
6100 block.

WATER SUPPLY, DEEP WELLS AND PUMPS

A. E. FAWCETT, JR., PRESIDENT

TEXAS WATER WELLS

INC.



951 MCCARTY DRIVE, HOUSTON 29, TEXAS, PHONE OR-2-7581

C&E Contractors, Inc.
Gulf Coast Cement Co.
Water Well #1
Houston, Texas

DATE STARTED: February 2, 1962
ORIFICE: 8 x 5
WATER LEVEL: 264'
AIRLINE: 400'

PRODUCTION TEST:

<u>TIME</u>	<u>HEAD IN INCHES</u>	<u>PUMPING LEVEL</u>	<u>G. P. M.</u>
12:35	Start		
12:45	12-1/2	13# 370	354
1:00 water sam.	12-1/2	11# 375	354
1:30	12-1/2 trace of sand	10# 377	354
2:00	12-1/2 " " "	10# 377	354
3:00	12-1/2	10# 377	354
4:00	12-1/2	10# 377	354
4:30 water sam.			
5:00	12-1/2	10# 377	354
6:00	12-1/2	10# 377	354
7:00	12-1/2	10# 377	354
8:00	12-1/2	10# 377	354
8:35	12-1/2	10# 377	354

RECOVERY TEST :

8:40	275
8:45	270
9:00	267
9:30	265
10:00	264

65-22-3a

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 6 out of 6
Water Well ID: 205386

3A

File original copy with Texas Water Commission P. O. Box 2311, Capitol Station Austin 11, Texas

State of Texas
DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No. 205386
Located on map 205386
By 30 Date 1/62
Map no. 205386

1) Well Owner: Gulf Coast Cement Company 6203 Industrial Way Houston, Texas

2) Land Owner: _____

3) Intended use: Industrial Municipal Irrigation Other _____

4) Location of well: County Harris Labor _____ League _____ Abstract No. _____

NE 1/4 NW 1/4 SE 1/4 SW 1/4 of Section _____ Block No. _____ Survey _____

miles in _____ direction
from _____

**Gulf Coast Cement Company - Water Well #1
Drilled For! C & E Contractors, Inc.**

Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 9-7/8 in. Date drilled January 1962

All measurements made from _____ ft. above ground level.

From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material
Driller's Log Attached					
(Use continuation sheets if necessary)					

COMPLETION DATA

COMPLETION		CASING		SCREEN	
Straight wall <input type="checkbox"/>	Type: Old <input type="checkbox"/> New <input checked="" type="checkbox"/>	Cemented from <u>0</u> ft. to <u>600</u> ft.		Type <u>Stainless Steel</u>	
Under reamed <input checked="" type="checkbox"/>		Diameter (inches) from (ft) to (ft)		<u>Wire Wrapped</u>	
Gravel packed <input checked="" type="checkbox"/>		<u>12-3/4</u>	<u>0</u>	Perforated <input type="checkbox"/> Slotted <input type="checkbox"/>	
Open hole <input type="checkbox"/>			<u>600</u>	Diameter (inches) from (ft) to (ft)	
Other _____				Attached	

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

L.M. Dawlett _____ Texas Water Wells, Inc. Reg. No. 166

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

WATER LEVEL AND PUMP DATA

Static water level			Pump type		
_____ ft. below _____ Ground Level			<u>Layne & Bowler Deep Well Turbine Pump</u>		
feet	hours	gpm	Designed pumping rate	_____ gpm <input checked="" type="checkbox"/> sph <input type="checkbox"/>	
			Type power unit	<u>Electric</u>	
			Horsepower	<u>60</u>	
			Depth to bowls, cylinder, jet, etc.,	<u>360'</u> ft. below pump base	

Name of contractor testing well or installing permanent pump if other than your company: _____

C-34 (62-5)

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 145 Distance from Property: 2.64 mi. E

STATE ID: 65-14-818
OWNER'S NAME: GULF COAST CEMENT CO. WELL #1
DATE DRILLED: 00/00/1962
DEPTH DRILLED: 800'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.309674000
LATITUDE: 29.753044000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514818/6514818.pdf>



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 146 Distance from Property: 2.65 mi. NNW

ID NUMBER: TX205312
STATE ID : 65-14-4
OWNER NAME: HENRY BAKER
DATE DRILLED: 02/20/1992
DEPTH DRILLED: 378'
STATIC LEVEL: 260'
WATER USAGE: DOMESTIC
LONGITUDE: -95.365385000
LATITUDE: 29.797238000

2 PAGE(S) OF DRILLERS' LOGS



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Page # 1 out of 2
Water Well ID: 205312



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205312

1) OWNER: BAKER, HENRY ADDRESS: 45 GULF BANK CITY: HOUSTON STATE: TX ZIP: 77050
 2) LOCATION OF WELL: County: HARRIS 3 miles in N direction from Houston
 LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: DOMESTIC 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 01960 DIAMETER OF HOLE 7) BOREHOLE METHOD:
 DIAMETER FROM TO STRAIGHT WALL
 6.5 0 363
 4.5 363 378 IF GRAVEL... FROM FT. TO FT.
 FROM FT. TO FT.

DATE DRILLED: 02/20/92

GEOLOGICAL DESCRIPTION: 8) CASING, BLANK PIPE, AND WELL SCREEN DATA:
 FROM TO DESCRIPTION DIA NEW/USED DESCRIPTION FROM TO GAGE CASING SCREEN
 0 15 SAND 4 N PVC 0 363 SCH 40
 15 43 CLAY 2.5 N GALV. 344 365 SCH 40
 43 71 SAND 2.5 N RBSS 365 375 8 GA
 71 86 CLAY 2.5 N DOWN HOLE ASSEMBLY 375 378 SCH 40
 86 97 SAND
 97 145 CLAY & ROCK
 145 180 SAND
 180 200 CLAY
 200 215 SAND
 215 240 CLAY
 240 249 SAND & CLAY
 249 323 CLAY
 323 353 SAND
 353 356 CLAY
 356 378 SAND
 378 379 ROCK

9) CEMENTING DATA:
 Cemented from 0 FT. TO 363 FT.
 FT. TO FT.
 Method used: PRESSURE
 Cemented by: WEISINGER WATER WELL

10) SURFACE COMPLETION:
 APP. ALTER. PROCD.

RECEIVED
APR 02 1992

11) WATER LEVEL:
 STATIC LEVEL : 260 FT. DATE: 02/20/92
 ARTESIAN FLOW: GPM. DATE:

TEXAS WATER COMMISSION

12) PACKERS: TYPE DEPTH
 BP SEAL 344

13) TYPE PUMP: SUBMERSIBLE 14) WELL TEST: JETTED
 DEPTH TO PUMP: YIELD: 10 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY: TYPE OF WATER: EXCELLENT DEPTH OF STRATA: NO CHEMICAL ANALYSIS MADE
 NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: WEISINGER WATER WELL, INC WATER WELL DRILLER'S LICENSE NO. 1541, 1991, & 1992 FOR TDWR USE ONLY
 ADDRESS: 2200 EAST DAVIS CITY: CONROE STATE: TX ZIP CODE: 77301 WELL NO. 5
 LOCATED ON MAP 65.14.4

HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

Signed: John E. Weisinger (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER TRAINEE)



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 147 Distance from Property: 2.65 mi. NNE

STATE ID: **65-14-406**

OWNER'S NAME: **CITY OF HOUSTON NORTHEAST #3**

DATE DRILLED: **05/15/1944**

DEPTH DRILLED: **1993'**

WATER USAGE: **PUBLIC SUPPLY**

LONGITUDE: **-95.336400000**

LATITUDE: **29.795850000**

SOURCE: **TWDB**

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514406/6514406.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 7
State ID: 65-14-406

WRD Exp. (GW)
April 1966

Well No. LJ-65-14-406

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD (F. BROWN) Source
Record by R.B.A. (3-10-68) of date FILES Date 2-20-68 Map 5112900
112900
State Texas County Harris Sequential number: 1
Latitude: 29° 47' 45" N Longitude: 095° 20' 10" W
Local well number: LJ-65-14-406 Other number: NORTHEAST # 3
Local use: _____ Owner or name: CITY OF HOUSTON
Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist. M
Use of well: Water (S) (T) (U) (V) (W) (X) (Y) (Z) (AA) (AB) (AC) (AD) (AE) (AF) (AG) (AH) (AI) (AJ) (AK) (AL) (AM) (AN) (AO) (AP) (AQ) (AR) (AS) (AT) (AU) (AV) (AW) (AX) (AY) (AZ) (BA) (BB) (BC) (BD) (BE) (BF) (BG) (BH) (BI) (BJ) (BK) (BL) (BM) (BN) (BO) (BP) (BQ) (BR) (BS) (BT) (BU) (BV) (BW) (BX) (BY) (BZ) (CA) (CB) (CC) (CD) (CE) (CF) (CG) (CH) (CI) (CJ) (CK) (CL) (CM) (CN) (CO) (CP) (CQ) (CR) (CS) (CT) (CU) (CV) (CW) (CX) (CY) (CZ) (DA) (DB) (DC) (DD) (DE) (DF) (DG) (DH) (DI) (DJ) (DK) (DL) (DM) (DN) (DO) (DP) (DQ) (DR) (DS) (DT) (DU) (DV) (DW) (DX) (DY) (DZ) (EA) (EB) (EC) (ED) (EE) (EF) (EG) (EH) (EI) (EJ) (EK) (EL) (EM) (EN) (EO) (EP) (EQ) (ER) (ES) (ET) (EU) (EV) (EW) (EX) (EY) (EZ) (FA) (FB) (FC) (FD) (FE) (FF) (FG) (FH) (FI) (FJ) (FK) (FL) (FM) (FN) (FO) (FP) (FQ) (FR) (FS) (FT) (FU) (FV) (FW) (FX) (FY) (FZ) (GA) (GB) (GC) (GD) (GE) (GF) (GG) (GH) (GI) (GJ) (GK) (GL) (GM) (GN) (GO) (GP) (GQ) (GR) (GS) (GT) (GU) (GV) (GW) (GX) (GY) (GZ) (HA) (HB) (HC) (HD) (HE) (HF) (HG) (HH) (HI) (HJ) (HK) (HL) (HM) (HN) (HO) (HP) (HQ) (HR) (HS) (HT) (HU) (HV) (HW) (HX) (HY) (HZ) (IA) (IB) (IC) (ID) (IE) (IF) (IG) (IH) (II) (IJ) (IK) (IL) (IM) (IN) (IO) (IP) (IQ) (IR) (IS) (IT) (IU) (IV) (IW) (IX) (IY) (IZ) (JA) (JB) (JC) (JD) (JE) (JF) (JG) (JH) (JI) (JJ) (JK) (JL) (JM) (JN) (JO) (JP) (JQ) (JR) (JS) (JT) (JU) (JV) (JW) (JX) (JY) (JZ) (KA) (KB) (KC) (KD) (KE) (KF) (KG) (KH) (KI) (KJ) (KK) (KL) (KM) (KN) (KO) (KP) (KQ) (KR) (KS) (KT) (KU) (KV) (KW) (KX) (KY) (KZ) (LA) (LB) (LC) (LD) (LE) (LF) (LG) (LH) (LI) (LJ) (LK) (LL) (LM) (LN) (LO) (LP) (LQ) (LR) (LS) (LT) (LU) (LV) (LW) (LX) (LY) (LZ) (MA) (MB) (MC) (MD) (ME) (MF) (MG) (MH) (MI) (MJ) (MK) (ML) (MN) (MO) (MP) (MQ) (MR) (MS) (MT) (MU) (MV) (MW) (MX) (MY) (MZ) (NA) (NB) (NC) (ND) (NE) (NF) (NG) (NH) (NI) (NJ) (NK) (NL) (NM) (NO) (NP) (NQ) (NR) (NS) (NT) (NU) (NV) (NW) (NX) (NY) (NZ) (OA) (OB) (OC) (OD) (OE) (OF) (OG) (OH) (OI) (OJ) (OK) (OL) (OM) (ON) (OO) (OP) (OQ) (OR) (OS) (OT) (OU) (OV) (OW) (OX) (OY) (OZ) (PA) (PB) (PC) (PD) (PE) (PF) (PG) (PH) (PI) (PJ) (PK) (PL) (PM) (PN) (PO) (PP) (PQ) (PR) (PS) (PT) (PU) (PV) (PW) (PX) (PY) (PZ) (QA) (QB) (QC) (QD) (QE) (QF) (QG) (QH) (QI) (QJ) (QK) (QL) (QM) (QN) (QO) (QP) (QQ) (QR) (QS) (QT) (QU) (QV) (QW) (QX) (QY) (QZ) (RA) (RB) (RC) (RD) (RE) (RF) (RG) (RH) (RI) (RJ) (RK) (RL) (RM) (RN) (RO) (RP) (RQ) (RR) (RS) (RT) (RU) (RV) (RW) (RX) (RY) (RZ) (SA) (SB) (SC) (SD) (SE) (SF) (SG) (SH) (SI) (SJ) (SK) (SL) (SM) (SN) (SO) (SP) (SQ) (SR) (SS) (ST) (SU) (SV) (SW) (SX) (SY) (SZ) (TA) (TB) (TC) (TD) (TE) (TF) (TG) (TH) (TI) (TJ) (TK) (TL) (TM) (TN) (TO) (TP) (TQ) (TR) (TS) (TT) (TU) (TV) (TW) (TX) (TY) (TZ) (UA) (UB) (UC) (UD) (UE) (UF) (UG) (UH) (UI) (UJ) (UK) (UL) (UM) (UN) (UO) (UP) (UQ) (UR) (US) (UT) (UU) (UV) (UW) (UX) (UY) (UZ) (VA) (VB) (VC) (VD) (VE) (VF) (VG) (VH) (VI) (VJ) (VK) (VL) (VM) (VN) (VO) (VP) (VQ) (VR) (VS) (VT) (VU) (VV) (VW) (VX) (VY) (VZ) (WA) (WB) (WC) (WD) (WE) (WF) (WG) (WH) (WI) (WJ) (WK) (WL) (WM) (WN) (WO) (WP) (WQ) (WR) (WS) (WT) (WU) (WV) (WW) (WX) (WY) (WZ) (XA) (XB) (XC) (XD) (XE) (XF) (XG) (XH) (XI) (XJ) (XK) (XL) (XM) (XN) (XO) (XP) (XQ) (XR) (XS) (XT) (XU) (XV) (XW) (XX) (XY) (XZ) (YA) (YB) (YC) (YD) (YE) (YF) (YG) (YH) (YI) (YJ) (YK) (YL) (YM) (YN) (YO) (YP) (YQ) (YR) (YS) (YT) (YU) (YV) (YW) (YX) (YY) (YZ) (ZA) (ZB) (ZC) (ZD) (ZE) (ZF) (ZG) (ZH) (ZI) (ZJ) (ZK) (ZL) (ZM) (ZN) (ZO) (ZP) (ZQ) (ZR) (ZS) (ZT) (ZU) (ZV) (ZW) (ZX) (ZY) (ZZ)

WELL-DESCRIPTION CARD WELL DRILLED TO 2510' & PLUGGED BACK TO 1953'
SAME AS ON MASTER CARD Depth well: 1993 ft. Meas. depth: 1993 ft. Driller: LAYNE-TEXAS CO.
Depth cased: 1143 ft. Casing type: S ; Dim. 24-12 1/2 in.
Finish: porous concrete, gravel v. gravel, (screen), horis. gallery, open end, perf., screen, sd. pt., shored, other
Method: (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) (AA) (AB) (AC) (AD) (AE) (AF) (AG) (AH) (AI) (AJ) (AK) (AL) (AM) (AN) (AO) (AP) (AQ) (AR) (AS) (AT) (AU) (AV) (AW) (AX) (AY) (AZ) (BA) (BB) (BC) (BD) (BE) (BF) (BG) (BH) (BI) (BJ) (BK) (BL) (BM) (BN) (BO) (BP) (BQ) (BR) (BS) (BT) (BU) (BV) (BW) (BX) (BY) (BZ) (CA) (CB) (CC) (CD) (CE) (CF) (CG) (CH) (CI) (CJ) (CK) (CL) (CM) (CN) (CO) (CP) (CQ) (CR) (CS) (CT) (CU) (CV) (CW) (CX) (CY) (CZ) (DA) (DB) (DC) (DD) (DE) (DF) (DG) (DH) (DI) (DJ) (DK) (DL) (DM) (DN) (DO) (DP) (DQ) (DR) (DS) (DT) (DU) (DV) (DW) (DX) (DY) (DZ) (EA) (EB) (EC) (ED) (EE) (EF) (EG) (EH) (EI) (EJ) (EK) (EL) (EM) (EN) (EO) (EP) (EQ) (ER) (ES) (ET) (EU) (EV) (EW) (EX) (EY) (EZ) (FA) (FB) (FC) (FD) (FE) (FF) (FG) (FH) (FI) (FJ) (FK) (FL) (FM) (FN) (FO) (FP) (FQ) (FR) (FS) (FT) (FU) (FV) (FW) (FX) (FY) (FZ) (GA) (GB) (GC) (GD) (GE) (GF) (GG) (GH) (GI) (GJ) (GK) (GL) (GM) (GN) (GO) (GP) (GQ) (GR) (GS) (GT) (GU) (GV) (GW) (GX) (GY) (GZ) (HA) (HB) (HC) (HD) (HE) (HF) (HG) (HH) (HI) (HJ) (HK) (HL) (HM) (HN) (HO) (HP) (HQ) (HR) (HS) (HT) (HU) (HV) (HW) (HX) (HY) (HZ) (IA) (IB) (IC) (ID) (IE) (IF) (IG) (IH) (II) (IJ) (IK) (IL) (IM) (IN) (IO) (IP) (IQ) (IR) (IS) (IT) (IU) (IV) (IW) (IX) (IY) (IZ) (JA) (JB) (JC) (JD) (JE) (JF) (JG) (JH) (JI) (JJ) (JK) (JL) (JM) (JN) (JO) (JP) (JQ) (JR) (JS) (JT) (JU) (JV) (JW) (JX) (JY) (JZ) (KA) (KB) (KC) (KD) (KE) (KF) (KG) (KH) (KI) (KJ) (KK) (KL) (KM) (KN) (KO) (KP) (KQ) (KR) (KS) (KT) (KU) (KV) (KW) (KX) (KY) (KZ) (LA) (LB) (LC) (LD) (LE) (LF) (LG) (LH) (LI) (LJ) (LK) (LM) (LN) (LO) (LP) (LQ) (LR) (LS) (LT) (LU) (LV) (LW) (LX) (LY) (LZ) (MA) (MB) (MC) (MD) (ME) (MF) (MG) (MH) (MI) (MJ) (MK) (ML) (MN) (MO) (MP) (MQ) (MR) (MS) (MT) (MU) (MV) (MW) (MX) (MY) (MZ) (NA) (NB) (NC) (ND) (NE) (NF) (NG) (NH) (NI) (NJ) (NK) (NL) (NM) (NO) (NP) (NQ) (NR) (NS) (NT) (NU) (NV) (NW) (NX) (NY) (NZ) (OA) (OB) (OC) (OD) (OE) (OF) (OG) (OH) (OI) (OJ) (OK) (OL) (OM) (ON) (OO) (OP) (OQ) (OR) (OS) (OT) (OU) (OV) (OW) (OX) (OY) (OZ) (PA) (PB) (PC) (PD) (PE) (PF) (PG) (PH) (PI) (PJ) (PK) (PL) (PM) (PN) (PO) (PP) (PQ) (PR) (PS) (PT) (PU) (PV) (PW) (PX) (PY) (PZ) (QA) (QB) (QC) (QD) (QE) (QF) (QG) (QH) (QI) (QJ) (QK) (QL) (QM) (QN) (QO) (QP) (QQ) (QR) (QS) (QT) (QU) (QV) (QW) (QX) (QY) (QZ) (RA) (RB) (RC) (RD) (RE) (RF) (RG) (RH) (RI) (RJ) (RK) (RL) (RM) (RN) (RO) (RP) (RQ) (RR) (RS) (RT) (RU) (RV) (RW) (RX) (RY) (RZ) (SA) (SB) (SC) (SD) (SE) (SF) (SG) (SH) (SI) (SJ) (SK) (SL) (SM) (SN) (SO) (SP) (SQ) (SR) (SS) (ST) (SU) (SV) (SW) (SX) (SY) (SZ) (TA) (TB) (TC) (TD) (TE) (TF) (TG) (TH) (TI) (TJ) (TK) (TL) (TM) (TN) (TO) (TP) (TQ) (TR) (TS) (TT) (TU) (TV) (TW) (TX) (TY) (TZ) (UA) (UB) (UC) (UD) (UE) (UF) (UG) (UH) (UI) (UJ) (UK) (UL) (UM) (UN) (UO) (UP) (UQ) (UR) (US) (UT) (UU) (UV) (UW) (UX) (UY) (UZ) (VA) (VB) (VC) (VD) (VE) (VF) (VG) (VH) (VI) (VJ) (VK) (VL) (VM) (VN) (VO) (VP) (VQ) (VR) (VS) (VT) (VU) (VV) (VW) (VX) (VY) (VZ) (WA) (WB) (WC) (WD) (WE) (WF) (WG) (WH) (WI) (WJ) (WK) (WL) (WM) (WN) (WO) (WP) (WQ) (WR) (WS) (WT) (WU) (WV) (WW) (WX) (WY) (WZ) (XA) (XB) (XC) (XD) (XE) (XF) (XG) (XH) (XI) (XJ) (XK) (XL) (XM) (XN) (XO) (XP) (XQ) (XR) (XS) (XT) (XU) (XV) (XW) (XX) (XY) (XZ) (YA) (YB) (YC) (YD) (YE) (YF) (YG) (YH) (YI) (YJ) (YK) (YL) (YM) (YN) (YO) (YP) (YQ) (YR) (YS) (YT) (YU) (YV) (YW) (YX) (YY) (YZ) (ZA) (ZB) (ZC) (ZD) (ZE) (ZF) (ZG) (ZH) (ZI) (ZJ) (ZK) (ZL) (ZM) (ZN) (ZO) (ZP) (ZQ) (ZR) (ZS) (ZT) (ZU) (ZV) (ZW) (ZX) (ZY) (ZZ)

PL 179.18
111.68
6750

Well No. LJ-65-14-406

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 7
State ID: 65-14-406

Well No. LJ-65-14-406

Latitude-longitude 29, 47, 45 N 95, 20, 10 W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: COASTAL PLAINS Section: 0:3

Drainage Basin: F Subbasin: 51R

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp. (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) (AA) (AB) (AC) (AD) (AE) (AF) (AG) (AH) (AI) (AJ) (AK) (AL) (AM) (AN) (AO) (AP) (AQ) (AR) (AS) (AT) (AU) (AV) (AW) (AX) (AY) (AZ) (BA) (BB) (BC) (BD) (BE) (BF) (BG) (BH) (BI) (BJ) (BK) (BL) (BM) (BN) (BO) (BP) (BQ) (BR) (BS) (BT) (BU) (BV) (BW) (BX) (BY) (BZ) (CA) (CB) (CC) (CD) (CE) (CF) (CG) (CH) (CI) (CJ) (CK) (CL) (CM) (CN) (CO) (CP) (CQ) (CR) (CS) (CT) (CU) (CV) (CW) (CX) (CY) (CZ) (DA) (DB) (DC) (DD) (DE) (DF) (DG) (DH) (DI) (DJ) (DK) (DL) (DM) (DN) (DO) (DP) (DQ) (DR) (DS) (DT) (DU) (DV) (DW) (DX) (DY) (DZ) (EA) (EB) (EC) (ED) (EE) (EF) (EG) (EH) (EI) (EJ) (EK) (EL) (EM) (EN) (EO) (EP) (EQ) (ER) (ES) (ET) (EU) (EV) (EW) (EX) (EY) (EZ) (FA) (FB) (FC) (FD) (FE) (FF) (FG) (FH) (FI) (FJ) (FK) (FL) (FM) (FN) (FO) (FP) (FQ) (FR) (FS) (FT) (FU) (FV) (FW) (FX) (FY) (FZ) (GA) (GB) (GC) (GD) (GE) (GF) (GG) (GH) (GI) (GJ) (GK) (GL) (GM) (GN) (GO) (GP) (GQ) (GR) (GS) (GT) (GU) (GV) (GW) (GX) (GY) (GZ) (HA) (HB) (HC) (HD) (HE) (HF) (HG) (HH) (HI) (HJ) (HK) (HL) (HM) (HN) (HO) (HP) (HQ) (HR) (HS) (HT) (HU) (HV) (HW) (HX) (HY) (HZ) (IA) (IB) (IC) (ID) (IE) (IF) (IG) (IH) (II) (IJ) (IK) (IL) (IM) (IN) (IO) (IP) (IQ) (IR) (IS) (IT) (IU) (IV) (IW) (IX) (IY) (IZ) (JA) (JB) (JC) (JD) (JE) (JF) (JG) (JH) (JI) (JJ) (JK) (JL) (JM) (JN) (JO) (JP) (JQ) (JR) (JS) (JT) (JU) (JV) (JW) (JX) (JY) (JZ) (KA) (KB) (KC) (KD) (KE) (KF) (KG) (KH) (KI) (KJ) (KK) (KL) (KM) (KN) (KO) (KP) (KQ) (KR) (KS) (KT) (KU) (KV) (KW) (KX) (KY) (KZ) (LA) (LB) (LC) (LD) (LE) (LF) (LG) (LH) (LI) (LJ) (LK) (LL) (LM) (LN) (LO) (LP) (LQ) (LR) (LS) (LT) (LU) (LV) (LW) (LX) (LY) (LZ) (MA) (MB) (MC) (MD) (ME) (MF) (MG) (MH) (MI) (MJ) (MK) (ML) (MN) (MO) (MP) (MQ) (MR) (MS) (MT) (MU) (MV) (MW) (MX) (MY) (MZ) (NA) (NB) (NC) (ND) (NE) (NF) (NG) (NH) (NI) (NJ) (NK) (NL) (NM) (NN) (NO) (NP) (NQ) (NR) (NS) (NT) (NU) (NV) (NW) (NX) (NY) (NZ) (OA) (OB) (OC) (OD) (OE) (OF) (OG) (OH) (OI) (OJ) (OK) (OL) (OM) (ON) (OO) (OP) (OQ) (OR) (OS) (OT) (OU) (OV) (OW) (OX) (OY) (OZ) (PA) (PB) (PC) (PD) (PE) (PF) (PG) (PH) (PI) (PJ) (PK) (PL) (PM) (PN) (PO) (PP) (PQ) (PR) (PS) (PT) (PU) (PV) (PW) (PX) (PY) (PZ) (QA) (QB) (QC) (QD) (QE) (QF) (QG) (QH) (QI) (QJ) (QK) (QL) (QM) (QN) (QO) (QP) (QQ) (QR) (QS) (QT) (QU) (QV) (QW) (QX) (QY) (QZ) (RA) (RB) (RC) (RD) (RE) (RF) (RG) (RH) (RI) (RJ) (RK) (RL) (RM) (RN) (RO) (RP) (RQ) (RR) (RS) (RT) (RU) (RV) (RW) (RX) (RY) (RZ) (SA) (SB) (SC) (SD) (SE) (SF) (SG) (SH) (SI) (SJ) (SK) (SL) (SM) (SN) (SO) (SP) (SQ) (SR) (SS) (ST) (SU) (SV) (SW) (SX) (SY) (SZ) (TA) (TB) (TC) (TD) (TE) (TF) (TG) (TH) (TI) (TJ) (TK) (TL) (TM) (TN) (TO) (TP) (TQ) (TR) (TS) (TT) (TU) (TV) (TW) (TX) (TY) (TZ) (UA) (UB) (UC) (UD) (UE) (UF) (UG) (UH) (UI) (UJ) (UK) (UL) (UM) (UN) (UO) (UP) (UQ) (UR) (US) (UT) (UU) (UV) (UW) (UX) (UY) (UZ) (VA) (VB) (VC) (VD) (VE) (VF) (VG) (VH) (VI) (VJ) (VK) (VL) (VM) (VN) (VO) (VP) (VQ) (VR) (VS) (VT) (VU) (VV) (VW) (VX) (VY) (VZ) (WA) (WB) (WC) (WD) (WE) (WF) (WG) (WH) (WI) (WJ) (WK) (WL) (WM) (WN) (WO) (WP) (WQ) (WR) (WS) (WT) (WU) (WV) (WW) (WX) (WY) (WZ) (XA) (XB) (XC) (XD) (XE) (XF) (XG) (XH) (XI) (XJ) (XK) (XL) (XM) (XN) (XO) (XP) (XQ) (XR) (XS) (XT) (XU) (XV) (XW) (XX) (XY) (XZ) (YA) (YB) (YC) (YD) (YE) (YF) (YG) (YH) (YI) (YJ) (YK) (YL) (YM) (YN) (YO) (YP) (YQ) (YR) (YS) (YT) (YU) (YV) (YW) (YX) (YY) (YZ) (ZA) (ZB) (ZC) (ZD) (ZE) (ZF) (ZG) (ZH) (ZI) (ZJ) (ZK) (ZL) (ZM) (ZN) (ZO) (ZP) (ZQ) (ZR) (ZS) (ZT) (ZU) (ZV) (ZW) (ZX) (ZY) (ZZ)

MAJOR AQUIFER: system _____ series T aquifer, formation, group E

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: 267 ft Depth to top of: 267.0 ft

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: 1, 142'11" - 1969'6"

Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

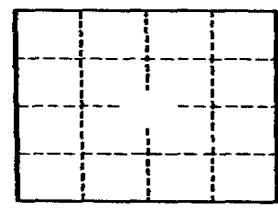
Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

Coefficient Form: spd/ft²; Spec cap: gpd/ft; Number of geologic cards: _____

CASING:
558' OF 24"
1554' OF 12 3/4"
12 3/4" from 439 to 1993

SURFACE CASING CEMENTED.
HOLE APPARENTLY 24" TO
1995'6" & GRAVEL PACKED.
TOP OF GRAVEL @ 455'
12 SCREENS @
1142'11" - 1146'11"
1149'5" - 1167'6"
1190'11" - 1209'10"
1220'3" - 1238'7"
1241' - 1259'10"
1300'6" - 1319'9"
1340'5" - 1354'7"
1379'10" - 1388'11"
1391'4" - 1409'6"
1514'5" - 1533'3"
1535'9" - 1553'6"
1574'11" - 1583'1"
1779'9" - 1799'
1801'6" - 1818'
1848'6" - 1863'5"
1865'10" - 1878'
1950'5" - 1969'6"



Well No. LJ-65-14-406

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

(11-74)

Latitude 29.4745 Longitude 095.201001 Seq. No. 01
 County code 201 County HARRIS
 Well # LJ-65-14-406
 Project number 7-4648-01000
 Date 2-8-77 Time _____ Temp °C 28.5
 Owner CITY of Houston
 Address NORTHEAST #3
 Date drld 5-15-44 WBF code LEVEL
 Sample interval: (top) 1142 (bottom) 1969
 Water level _____ Appr Clear Use PS
 Collector Butler Yield _____ GPM
 Smpld aftr pmpg _____ Depth 1993
 Pt of coll top on discharge
 Field: Cond _____ pH _____ HCO₃ _____ DO _____
 Indicate types of analyses
 Coliform _____ Phenols _____ Minors _____
 Nutrients _____ MBAS _____ BOD _____ TOC _____ DOC _____
 Std chem schedule _____
 Other _____
 Herbicide _____ Insecticide _____
 Remarks: _____

020978

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	72004			
DO (mg/l)	00300			
DO % Sat.	00301			
Temp °C	00010	28.50	02	28.5
pH	00400	7.900	01	7.9
Specific conductance	00095	6630	03	663
HCO ₃	00440	3170	03	317
CO ₃	00445	0000	01	0
Chloride (Cl)	00940	5700	02	57
Sulfate (SO ₄)	00945	2800	01	2.8
Color	00080			
Coliform, membrane filter	31501			
Coliform, fecal	31625			
Strep-tococci	31673			
BOD	00310			

Type 2 Station identification number 29.4745.095.201.001
 Y M D Time of measurement
 17 22 29 32
 Begin _____
 Parameter code Value Exp. Rmk
 Depth 72008 1993 04
 Yield (GPM) 00059
 Sample interval 72015 1142 04
 Sample interval BOTTOM 72016 1969 04
 Water level 72019

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

017564

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

13Q
(11-74)

Latitude 29 47 45 Longitude 095 20 10 01 Seq. No. 01

County code 201 County Harris

Well # LJ-65-14-406

Project number 4648-01000

Date 2-4-76 Time - Temp °C 29.0

Owner City of Houston

Address North East #3

Date drld - WBF code 121 EVGL

Sample interval: (top) 1142 (bottom) 1969

Water level - Appr Clear Use PS

Collector Nittel Yield - GPM

Smpld aftr pmpg on arrival Depth -

Pt of coll tap on discharge

Field: Cond - pH - HCO₃ - DO -

Indicate types of analyses

Coliform Phenols Minors
7 rients MBAS BOD TOC DOC

Std chem schedule I

Other -

Herbicide - Insecticide -

Remarks:

Type 2 Station identification number 294745095201001

Y 76 M 02 D 04 Time of measurement -

17 Begin 22 29 32

Parameter	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval	72015	1142	04	
Sample interval BOTTOM	72016	1969	04	
Water level	72019			

Parameter	Parameter code	Value	Exp.	Rmk
Sampled after pumping	72004			
DO (mg/l)	00300			
DO % Sat.	00301			
Temp °C	00010	29.00	02	29.0
pH	00400	8.100	01	8.1
Specific conductance	00095	69.50	03	69.5
HCO ₃	00440	32.00	03	32.0
CO ₃	00445	0.000	01	0
Chloride (Cl)	00940	63.00	02	63
Sulfate (SO ₄)	00945	52.00	01	52
Color	00080			
Coliform, membrane filter	31501			
Coliform, fecal	31616			
Strep-tococci	31679			
BOD	00310			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 5 out of 7
State ID: 65-14-406

015135

Latitude 29 47 45 Longitude 095 20 01 Seq. No. 01
 County code 201 County Harris
 Well # LT-65-14-406
 Project number 5-4648-01000
 Date 2-3-75 Time _____ Temp °C 29.5
 Owner City of Houston
 Address Northeast # 3
 Date drld 5-15-44 WBF code 121EVCL
 Sample interval:(top) 1142 (bottom) 1969
 Water level _____ Appr _____ Use PS
 Collector Naftel Yield _____ GPM
 Smpld aftr pmpg on acc. Depth 1993
 Pt of coll tap on pipe
 Field: Cond _____ pH _____ HCO₃ _____ DO _____

Indicate types of analyses
 Coliform _____ Phenols _____ Minors _____
 Nutrients _____ MBAS _____ BOD _____ TOC _____ DOC _____
 Std chem schedule I+SO₄
 Other _____
 Herbicide _____ Insecticide _____

Remarks:

Type 2 Station identification number 29 47 45 095 20 01 01
 Y 75 M 02 D 03 Time of measurement _____
 17 Begin 22 29 32
 Depth Parameter code 72 00 08 Value 1993 Exp. 0.4 Rmk _____
 Yield (GPM) 0 00 05 9 _____
 Sample interval TOP Parameter code 7 20 1 5 Value 1142 Exp. 0.4 Rmk _____
 Sample interval BOTTOM Parameter code 7 20 1 6 Value 1969 Exp. 0.4 Rmk _____
 Water level 7 2 0 1 9 _____

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	<u>7 2 0 0 4</u>			
DO (mg/l)	<u>0 0 3 0 0</u>			
DO % Sat.	<u>0 0 3 0 1</u>			
Temp °C	<u>0 0 0 1 0</u>	<u>29.50</u>	<u>0.2</u>	<u>29.5</u>
pH	<u>0 0 4 0 0</u>	<u>7.700</u>	<u>0.1</u>	<u>7.7</u>
Specific conductance	<u>0 0 0 9 5</u>	<u>7210</u>	<u>0.3</u>	<u>721</u>
HCO ₃	<u>0 0 4 4 0</u>	<u>3290</u>	<u>0.3</u>	<u>329</u>
CO ₃	<u>0 0 4 4 5</u>	<u>0000</u>	<u>0.1</u>	<u>0</u>
Chloride (Cl)	<u>0 0 9 4 0</u>	<u>7800</u>	<u>0.2</u>	<u>78</u> ^{up 14}
Sulfate (SO ₄)	<u>0 0 9 4 5</u>	<u>4000</u>	<u>0.1</u>	<u>4.0</u>
Color	<u>0 0 0 8 0</u>			
Coliform, membrane filter	<u>3 1 5 0 1</u>			
Coliform, fecal	<u>3 1 6 1 6</u>			
Strep-tococci	<u>3 1 6 7 9</u>			
BOD	<u>0 0 3 1 0</u>			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 6 out of 7
State ID: 65-14-406

Water Resources Division
Austin, Texas

Latitude 29 47 45 Longitude 095 20 100 1 Seq. No. 001
 County code 101 County HARRIS
 Well # LJ-65-14-406
 Project number T-4648-01000
 Date 9-9-76 Time — Temp °C 20.0
 Owner CITY OF HOUSTON
 Address NORTHEAST # 3
 Date drld — WBF code 121 EV91
 Sample interval: (top) 1142 (bottom) 1969
 Water level — Appr CLEAR Use PS
 Collector King & BEZANT Yield — GPM
 Smpld aftr pmpg on arrival Depth —
 Pt of coll tap on discharge
 Field: Cond — pH — HCO₃ — DO —

Indicate types of analyses

Coliform Phenols Minors
 Nutrients MBAS BOD TOC DOC
 1 chem schedule I
 Other —
 Herbicide — Insecticide —
 Remarks:

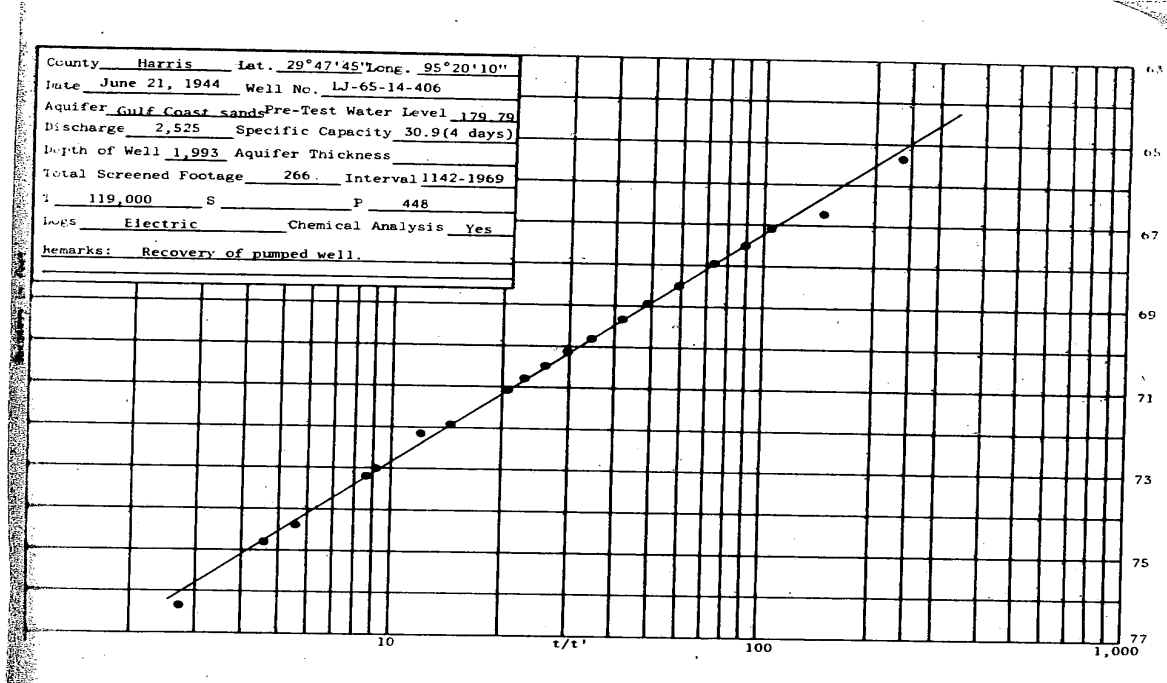
Type 2 Station identification number
29 47 45 095 20 100 1
 Y M D Time of measurement
7 6 09 09
 17 Begin 22 29 32

	Parameter code	Value	Exp.	Rmk
Depth	<u>72 00 8</u>			
Yield (GPM)	<u>0 00 59</u>			
Sample interval TOP	<u>7 20 15</u>	<u>1142</u>	<u>04</u>	
Sample interval BOTTOM	<u>7 20 16</u>	<u>1969</u>	<u>04</u>	
Water level	<u>72 01 9</u>			

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	<u>7 20 04</u>			
DO (mg/l)	<u>0 03 00</u>			
DO % Sat.	<u>0 03 01</u>			
Temp °C	<u>0 00 10</u>	<u>20 00</u>	<u>02</u>	<u>20.0</u>
pH	<u>0 04 00</u>	<u>7 800</u>	<u>01</u>	<u>7.8</u>
Specific conductance	<u>0 00 95</u>	<u>6580</u>	<u>03</u>	<u>658</u>
HCO ₃	<u>0 04 40</u>	<u>3190</u>	<u>03</u>	<u>319</u>
CO ₃	<u>0 04 45</u>	<u>0000</u>	<u>01</u>	<u>0</u>
Chloride (Cl)	<u>0 09 40</u>	<u>5700</u>	<u>02</u>	<u>57</u>
Sulfate (SO ₄)	<u>0 09 45</u>	<u>2800</u>	<u>01</u>	<u>2.8</u>
Color	<u>0 00 80</u>			
Coliform, membrane filter	<u>3 15 01</u>			
Coliform, fecal	<u>3 16 16</u>			
Strep-tococci	<u>3 16 79</u>			
BOD	<u>0 03 10</u>			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 7 out of 7
 State ID: 65-14-406



WATER UTILITY DATABASE (WUD)

MAP ID# 147 Distance from Property: 2.65 mi. NNE

PWSID: 1010013
SOURCE ID: G1010013HI
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 06/12/1944
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.336944580
LATITUDE: 29.796112060

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 147 Distance from Property: 2.65 mi. NNE

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294745095201001**

STATION NAME: **LJ-65-14-406**

SITE TYPE: **GW**

LATITUDE: **29.795850000** LONGITUDE: **-95.336400000**

DATE DRILLED: **05/15/1944**

WELL DEPTH: **1993 feet**

HOLE DEPTH: **2510 feet**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 147 Distance from Property: 2.65 mi. NNE

WELL ID: **1084**
OWNERS NAME: **HOUSTON, CITY OF**
YEAR DRILLED: **1944**
DEPTH DRILLED: **1993'**
STATIC LEVEL: **999'**
WATER USAGE: **PUBLIC SUPPLY**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.336400000**
LATITUDE: **29.795850000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 148 Distance from Property: 2.68 mi. E

STATE ID: **65-14-804**
OWNER'S NAME: **MCDONOUGH CEMENT CO.**
DATE DRILLED: **00/00/1962**
DEPTH DRILLED: **800'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.309000000**
LATITUDE: **29.752960000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514804/6514804.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 149 Distance from Property: 2.68 mi. WNW

STATE ID: 65-13-916
OWNER'S NAME: HORLOCK ICE.CO.
DATE DRILLED: 00/00/1925
DEPTH DRILLED: 340'
WATER USAGE: UNUSED
LONGITUDE: -95.396350000
LATITUDE: 29.770900000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513916/6513916.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
State ID: 65-13-916

WRD Exp. (GW)
April 1966

Well No. J-65-13-916

U. S. DEPT. OF THE INTERIOR

WELL SCHEDULE

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by Gene McAdoo Source File Date 1-19-68 Map Houston Heights 1955
 State Texas County Harris Sequential number: 1
 Latitude: 29° 46' 17" N Longitude: 095° 23' 47" W
 Local well number: J-65-13-916 Other number: 604 in 889-C
 Local use: _____ Owner or name: Horlock Ice Co
 Owner or name: W. P. R. O. C. K. I. C. E. C. O. Address: Houston, Texas
 Ownership: County, Fed Gov't, City, Corp., Private, State Agency, Water Dist N
 Use of Air cond, Bottling, Comms, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, Stock, Instit, Unused, Recharge, Desal-P S, Desal-other, Other U
 Use of Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed U 1968
 DATA AVAILABLE: Well data 9 Freq. W/L meas.: Quarterly Field aquifer char. _____
 Hyd. lab. data: _____
 Qual. water data: type: _____
 Freq. sampling: NDPC Pumpage inventory: _____
 Aperture cards: _____
 Log data: _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 340 ft. Meas. Driller accuracy _____
 Casing type: 5 ; Diam. 8 in.
 Finish: porous, gravel v. concrete, (perf.), (screen), gravel v. (screen), horiz. gallery, and, open perf., screen, ad. pt., shored, open hole, other _____
 Method: (A) bored, (B) cable, (C) dug, (D) hyd. jetted, (E) air percussion, (F) rotary, (G) reverse trenching, (H) driven, (I) drive wash, (J) other _____
 Date Drilled: 1925 9-2-5 Pump intake setting: _____ ft.
 Driller: J. A. Walling address _____
 Lift (type): (A) air, (B) bucket, (C) cent. jet, (D) multiple, (E) multiple, (F) none, (G) piston, (H) rot. submerg, (I) turb. other, (J) _____ Deep _____ Shallow _____
 Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. _____ Trans. or meter no. _____
 Descrip. MP _____ ft. above _____ ft. below LSD. Alt. MP _____
 ✓ Alt. LSD: 60 60 Accuracy: (source) ZERO 5'
 Water Level 71.34 ft. above MP; Ft. below LSD 70 Accuracy: MEAS
 Date 1-23-31 Yield: _____ gpm Method determined _____
 Drawdown: _____ ft. Accuracy: _____ hrs.
 QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____
 Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled _____
 Taste, color, etc. _____

Well No. J-65-13-916

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 2
State ID: 65-13-916

Well No. LJ-65-13-916

Latitude-longitude 29 46 17 S 95 23 47.1 W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: Coastal plain Section: West

G.C.P. Drainage Basin: 13R Subbasin:

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp. (E) (F) (K) (L) (M) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system Q series 38 aquifer, formation, group C

Lithology: Origin: Aquifer Thickness: ft

Length of well open to: ft Depth to top of: ft

MINOR AQUIFER: system series 44 aquifer, formation, group

Lithology: Origin: Aquifer Thickness: ft

Length of well open to: ft Depth to top of: ft

Intervals Screened:

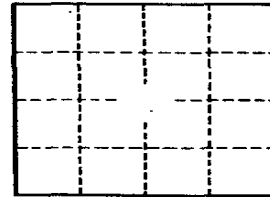
Depth to consolidated rock: ft Source of data:

Depth to basement: ft Source of data:

Surficial material: Infiltration Characteristics:

Coefficient Trans: spd/ft Coefficient Storage:

Coefficient Fern: spd/ft²; Spec cap: spm/ft; Number of geologic cards:



Well No. LJ-65-13-916

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 150 Distance from Property: 2.71 mi. NE

STATE ID: **65-14-809**

OWNER'S NAME: **SOUTHERN PACIFIC RAILROAD**

DATE DRILLED: **00/00/1925**

DEPTH DRILLED: **947'**

WATER USAGE: **UNUSED**

LONGITUDE: **-95.319660000**

LATITUDE: **29.786890000**

SOURCE: **TWDB**

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514809/6514809.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-809

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 14 809 Previous Well Number - _____ County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 46 15 Longitude - 95 18 45 Source of Coords - 5

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Southern Pacific Railroad Driller - J.W. Jackson

Address _____ Tenant/Oper. _____
Date Drilled - / /1925 Depth - 947 ft. Source of Depth - _____ Altitude - 50 ft. Source of Alt. - _____
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - _____

WELL CONSTRUCTION Const. Method - _____ Casing Material - _____ Screen Material - _____
Completion - _____ Casing or Blank Pipe (C)
Well Screen or Slotted Zone ()
Open Hole (O)

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages _____ Cemented from _____ to _____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in. Diam. Setting(feet)
(in.) From To

Motor Mfr. - _____ Fuel or Power - _____ Horsepower - _____

YIELD Flow- _____ GPM Pump- _____ GPM Meas., Rept., Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM

Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft

QUALITY (Remarks- _____)

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILABLE Water Levels- M Quality- Y Logs- _____ Other Data- _____

WATER LEVELS Date- 05/00/1925 Measurement- -30.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - _____

REMARKS -
82 ft of screen between 739 and 947
ft. Well destroyed.

Aquifer - 121EVGL
Well No. - 65 14 809



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 151 Distance from Property: 2.73 mi. ENE

ID NUMBER: TX205302
STATE ID : 65-14-8D
OWNER NAME: HOUSTON LIGHTING & POWER
DATE DRILLED: 01/19/1982
DEPTH DRILLED: 1550'
STATIC LEVEL: 283'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.313042000
LATITUDE: 29.779282000

2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205302



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205302

State of Texas
WATER WELL REPORT

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

For TDWR use only
Well No. 65-14-80
Located on map YES
Received: C.F. 5.

1) OWNER Houston Lighting & Power %Chris Clayton P.O. Box 1374 Houston, TX 77001
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: Harris 4 miles in East direction from Houston
County (In E., S.W., etc.) (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map.

3) TYPE OF WORK (Check):
 New Well Deepening
 Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Public Supply
 Irrigation Test Well Other

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored
 Air Rotary Cable Tool Jetted Other

6) WELL LOG:
Date drilled 1-19-82

DIAMETER OF HOLE			
Dia. (in.)	From (ft.)	To (ft.)	
20"	Surface	730	
14"	630	1550	

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
If Gravel Packed give interval . . . from 630 ft. to 1550 ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
14	new	Stainless Steel Wire Wrap	630	1550	1040

CEMENTING DATA
Cemented from 730 ft. to 0 ft.
Method used Halliburton
Cemented by _____
(Company or Individual)

9) WATER LEVEL:
Static level 283 ft. below land surface Date 2-27-82
Artesian flow _____ gpm. Date _____

10) PACKERS: Type _____ Depth None

11) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

12) WELL TESTS:
 Type Test: Pump Bailor Jetted Estimated
Yield: 2,000 gpm with 49 ft. drawdown after 48 hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Ronney Clouse Water Well Drillers Registration No. 2158
(Type or Print)

ADDRESS 6615 Gnat Houston TX 77068
(Street or RFD) (City) (State) (Zip)

(Signed) Ronney Clouse Alsay-Texas Corporation
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

DWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

cB



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 152 Distance from Property: 2.74 mi. ESE

WELL ID: 2128
OWNERS NAME: SPARKLE ICE COMPANY
YEAR DRILLED: 1960
DEPTH DRILLED: 425'
STATIC LEVEL: 255'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.314394000
LATITUDE: 29.738724000
SOURCE: HGSD



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 153 Distance from Property: 2.76 mi. SW

STATE ID: 65-21-305
OWNER'S NAME: DR. ALLALY
DATE DRILLED: 00/00/1951
DEPTH DRILLED: 279'
WATER USAGE: DOMESTIC
LONGITUDE: -95.384628000
LATITUDE: 29.730874000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521305/6521305.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-21-305

Texas Water Development Board Well Schedule

State Well Number 6521305 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294349 Longitude 952304 Source of Coords 2

Owner's Well No. _____ Location _____
Owner Dr. Allaly Driller H. L. Jackson Co.

Address _____ Tenant/Oper. _____

Date Drilled / /1951 Depth 279 Source of Depth Altitude 51 Source of Alt. _____
Well Type W User _____

WELL CONSTRUCTION Const-Method Completion Casing Material Screen Material Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - JET PUMP No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas., Rept., Est. - _____ Date- _____

WATER USE Primary - DOMESTIC Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - Other Data -

WATER LEVELS 1 measurement
1951
-105

Recorded By _____ Date Record Collected or Updated - 02/20/2003
Reporting Agency 01

REMARKS -
TWDB Report 178

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER, LOWER

Monday, March 27, 2006

Well Number - 6521305



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 154 Distance from Property: 2.79 mi. W

STATE ID: 65-13-906
OWNER'S NAME: HARRIS CREAM TOP DAIRY
DATE DRILLED: 00/00/1933
DEPTH DRILLED: 514'
WATER USAGE: PLUGGED OR DESTROYED
LONGITUDE: -95.399820000
LATITUDE: 29.760190000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513906/6513906.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-13-906

Texas Water Development Board Well Schedule

State Well Number 6513906 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294535 Longitude 952359 Source of Coords 2

Owner's Well No. Location
Owner Harris Cream Top Dairy Driller Layne Texas Co.

Address Tenant/Oper.

Date Drilled / /1933 Depth 514 Source of Depth Altitude 51 Source of Alt.
Well Type W User

WELL CONSTRUCTION Const-Method Completion Casing Material Screen Material Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____

LIFT DATA - Pump Mfr. - Type - TURBINE PUMP No. Stages
Bowls Diam. - in. Setting - ft. Column Diam. - in.
Motor Mfr. - Fuel or Power - ELECTRIC MOTOR Horsepower -
YIELD Flow- GPM Pump GPM Meas.,Rept.,Est.- Date-

WATER USE Primary - INDUSTRIAL Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - Other Data -

WATER LEVELS 1 measurement
1933
-49

Recorded By _____ Date Record Collected or Updated - 09/30/2002
Reporting Agency 01

REMARKS -
TWDB R178: Screen from 462 to 504 ft.
Yield: 120 gpm with 20 ft. drawdown when drilled.

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER,LOWER
Well Number - 6513906

Monday, October 11, 2004



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 155 Distance from Property: 2.79 mi. E

STATE ID: 65-14-807
OWNER'S NAME: INDUSTRIAL TOWEL AND UNIFORM CO.
DATE DRILLED: 00/00/1963
DEPTH DRILLED: 548'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.306612000
LATITUDE: 29.764572000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514807/6514807.pdf>



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 155 Distance from Property: 2.79 mi. E

WELL ID: 1791
OWNERS NAME: CINTAS CORPORATION
YEAR DRILLED: 1963
DEPTH DRILLED: 434'
STATIC LEVEL: 347'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.306614000
LATITUDE: 29.764576000
SOURCE: HGSD



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 156 Distance from Property: 2.84 mi. ESE

STATE ID: 65-22-205

OWNER'S NAME: REED ROLLER BIT CO. WELL 3

DATE DRILLED: 11/24/1941

DEPTH DRILLED: 1115'

WATER USAGE: INDUSTRIAL

LONGITUDE: -95.307045000

LATITUDE: 29.749918000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522205/6522205.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-22-205

TEXAS WATER DEVELOPMENT BOARD WELL SCHEDULE

State Well Number - 65 22 205 Previous Well Number - _____ County - Harris 201
 River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 44 58 Longitude - 95 18 27 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Reed Roller Bit Co. Driller - Layne Texas
 well 3

Address _____ Tenant/Oper. _____
 Date Drilled - 11/24/1941 Depth - 1,115 ft. Source of Depth - D Altitude - 40 ft. Source of Alt. - M
 Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - 721400

WELL CONSTRUCTION Const. Method - _____ Casing Material - _____ Screen Material - _____
 Completion - _____ Casing or Blank Pipe (C) Well Screen or Slotted Zone () Open Hole (O) Cemented from _____ to _____
 LIFT DATA - Pump Mfr. _____ Type - TURBINE PUMP No. Stages _____ Diam. (in.) Setting(feet) From To

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - 60

YIELD Flow- _____ GPM Pump- _____ GPM Meas., Rept., Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM

Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft

QUALITY (Remarks- _____)

WATER USE Primary- INDUSTRIAL Secondary- _____ Tertiary- _____

OTHER DATA AVAILABLE Water Levels- N Quality- N Logs- _____ Other Data- _____

WATER LEVELS Date- / / Measurement- _____
 Date- / / Measurement- _____

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY

REMARKS - _____

Aquifer - 121EVGL
Well No. - 65 22 205

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 156 Distance from Property: 2.84 mi. ESE

WELL ID: 1709
OWNERS NAME: REED HYCALOG, LP
YEAR DRILLED: 1941
DEPTH DRILLED: 1115'
STATIC LEVEL: 856'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.307052000
LATITUDE: 29.749922000
SOURCE: HGSD



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 157 Distance from Property: 2.84 mi. E

STATE ID: **65-14-811**

OWNER'S NAME: **HOUSTON ELECTRIC CO.**

DATE DRILLED: **00/00/1939**

DEPTH DRILLED: **570'**

WATER USAGE: **UNUSED**

LONGITUDE: **-95.306007000**

LATITUDE: **29.754248000**

SOURCE: **TWDB**

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514811/6514811.pdf>

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 157 Distance from Property: 2.84 mi. E

WELL ID: 1688
OWNERS NAME: PETROLEUM COKE GRINDING INC.
YEAR DRILLED: 1962
DEPTH DRILLED: 808'
STATIC LEVEL: 605'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.305995000
LATITUDE: 29.754256000
SOURCE: HGSD



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 158 Distance from Property: 2.86 mi. SE

STATE ID: 65-22-229
OWNER'S NAME: SCHUMACHER CO.
DATE DRILLED: 06/25/1969
DEPTH DRILLED: 342'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.316860000
LATITUDE: 29.733010000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522229/6522229.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-22-229

TEXAS WATER DEVELOPMENT BOARD WELL SCHEDULE

State Well Number - 65 22 229 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 43 55 Longitude - 95 18 57 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Schumacher Co.

Driller - Davis Bros Water
Well Drilling Co.

Address _____ Tenant/Oper. _____
Date Drilled - 06/25/1969 Depth - 342 ft. Source of Depth - D Altitude - 38 ft. Source of Alt. - M
Aquifer - 112CHCTL CHICOT AQUIFER, LOWER Well Type - W User -
WELL Const. _____ Casing Material - _____
CONSTRUCTION Method - _____ Screen _____
Completion - _____ Material - _____
LIFT DATA - Pump Mfr. _____ Type - SUBMERSIBLE PUMP No. Stages _____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in. 1|
Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - 30 2|
YIELD Flow- _____ GPM Pump- _____ GPM Meas., Rept., Est- _____ Date- _____ 3|
PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM 4|
Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft 5|
QUALITY (Remarks- _____ 6|
WATER USE Primary- INDUSTRIAL Secondary- _____ Tertiary- _____ 7|
OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- Other Data- 8|
WATER LEVELS Date- / / Measurement- 9|
Date- / / Measurement- 10|
Recorded By _____ Date Record Collected or Updated- / / 11|
Reporting Agency - UNITED STATES GEOLOGICAL SURVEY 12|
REMARKS - 13|
14|
15|
16|
17|
18|
19|

Aquifer - 112CHCTL
Well No. - 65 22 229



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 158 Distance from Property: 2.86 mi. SE

WELL ID: 2006
OWNERS NAME: SCHUMACHER COMPANY, INC.
YEAR DRILLED: 1969
DEPTH DRILLED: 342'
STATIC LEVEL: 265'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.316859000
LATITUDE: 29.733014000
SOURCE: HGSD



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 159 Distance from Property: 2.87 mi. N

STATE ID: **65-14-432**
OWNER'S NAME: **NEWSOM'S TRUCK LINES**
DATE DRILLED: **00/00/1939**
DEPTH DRILLED: **210'**
WATER USAGE: **INDUSTRIAL**
LONGITUDE: **-95.352900000**
LATITUDE: **29.801970000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514432/6514432.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-432

Texas Water Development Board Well Schedule

State Well Number 6514432 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294806 Longitude 952110 Source of Coords 2

Owner's Well No. _____ Location _____
Owner Newsom's Truck Lines Driller Layne Texas Co.

Address _____ Tenant/Oper. _____

Date Drilled / /1939 Depth 210 Source of Depth Altitude 54 Source of Alt.
Well Type W User

WELL CONSTRUCTION Const-Method Completion Casing Material Screen Material Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - TURBINE PUMP No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - INDUSTRIAL Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - Other Data -

WATER LEVELS 1 measurement
1939
-64

Recorded By _____ Date Record Collected or Updated - 09/30/2002
Reporting Agency 01

REMARKS -
TWDB R178: Screen from 200 to 210 ft.

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER,LOWER

Thursday, November 30, 2006

Well Number - 6514432



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 160 Distance from Property: 2.88 mi. SSE

STATE ID: 65-22-132
OWNER'S NAME: BLUE RIBBON PACKING CO
DATE DRILLED: 00/00/1964
DEPTH DRILLED: 785'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.337070000
LATITUDE: 29.720710000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522132/6522132.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 22 132 Previous Well Number - County - Harris 201
 River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 43 11 Longitude - 95 20 10 Source of Coords - 2
 Owners Well No. _____ Location _____ 1/4. _____ 1/4. Section _____, Block _____, Survey _____
 Owner - Blue Ribbon Packing Co Driller - Pomeroy Drlg. Co.

Address _____ Tenant/Oper. _____
 Date Drilled - / /1964 Depth - 785 ft. Source of Depth - Altitude - 42 ft. Source of Alt. -
 Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User -

WELL Const. _____ Casing _____
 CONSTRUCTION Method - _____ Material - _____ | Casing or Blank Pipe (C)
 _____ Screen _____ | Well Screen or Slotted Zone ()
 Completion - _____ Material - _____ | Open Hole (O)
 _____ | Cemented from _____ to _____
 LIFT DATA - Pump Mfr. _____ Type - SUBMERSIBLE PUMP No. Stages _____ | Diam. _____ Setting(feet)
 _____ | (in.) From To

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in. 1|
 Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - 2|

YIELD Flow- _____ GPM Pump- _____ GPM Meas., Rept., Est- _____ Date- _____ 3|
 _____ 4|
 PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM 5|
 _____ 6|

Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap. - _____ GPM/ft 7|
 _____ 8|
 QUALITY (Remarks- _____ 9|

WATER USE Primary- INDUSTRIAL Secondary- _____ Tertiary- _____ 10|
 _____ 11|

OTHER DATA AVAILABLE Water Levels- M Quality- N Logs- Other Data- 12|
 _____ 13|

WATER LEVELS Date- 05/22/1964 Measurement- -236.00 14|
 _____ Date- / / Measurement- 15|

Recorded By _____ Date Record Collected or Updated- 02/20/2003 16|
 _____ 17|
 _____ 18|
 _____ 19|

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
 REMARKS -

TWDB Report 178: 60 ft. of screen
 between 570 and 782 ft.

Aquifer - 121EVGL
 Well No. - 65 22 132

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 161 Distance from Property: 2.88 mi. NNW

ID NUMBER: TX231040
STATE ID : 65-05-6GG
OWNER NAME: V A BINHGAM
DATE DRILLED: 09/09/1973
DEPTH DRILLED: 299'
STATIC LEVEL: 160'
WATER USAGE: DOMESTIC
LONGITUDE: -95.368888000
LATITUDE: 29.799811000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 231040

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711		State of Texas WATER WELL REPORT	For TWDB use only Well No. <u>65-05-640</u> Located on map <u>74</u> Received: <u>74</u> <u>66G</u>
1) OWNER: Person having well drilled <u>V.A. Bigham</u> (Name) Address <u>201 Coronado</u> (Street or RFD) <u>Houston</u> (City) <u>Texas</u> (State)		Landowner _____ (Name) Address _____ (Street or RFD) _____ (City) _____ (State)	
2) LOCATION OF WELL: County <u>HARRIS</u> , _____ miles in <u>6</u> direction from <u>HOUSTON</u> (Town) (N.E., S.W., etc.)			
Locate by sketch map showing landmarks, roads, creeks, hwy number, etc.* <u>North Belt</u> <u>3 mi</u> <u>New Air Port.</u> (Use reverse side if necessary)		Give legal location with distances and directions from adjacent sections or survey lines. Labor _____ League _____ Block _____ Survey _____ Abstract No. _____ (NW¼ NE¼ SW¼ SE¼) of Section _____	
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Reconditioning <input type="checkbox"/> Deepening <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Test Well <input type="checkbox"/> Municipal <input type="checkbox"/> Other	
5) TYPE OF WELL (Check): <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Cable <input type="checkbox"/> Jetted <input type="checkbox"/> Bored			
6) WELL LOG: Diameter of hole <u>6 3/4</u> in. Depth drilled <u>299</u> ft. Depth of completed well <u>299</u> ft. Date drilled <u>Sept 9 73</u> All measurements made from <u>0</u> ft. above ground level.			
From (ft.) To (ft.) Description and color of formation material		9) CASING: Type: Old _____ <input checked="" type="checkbox"/> New _____ Steel _____ <input checked="" type="checkbox"/> Plastic _____ Other _____ Cemented from <u>10 Sacks</u> ft. to <u>270 UP</u> ft.	
0 2 Top soil		Diameter (inches) Setting From (ft.) To (ft.) Gage	
2 10 Clay		4 0 270 W.W.	
10 22 Sand		2 1/2 258 279 STD	
22 104 Clay		10) SCREEN: Type <u>plastic wrapped</u>	
104 131 Sand		<input checked="" type="checkbox"/> Perforated _____ Slotted _____	
131 206 Clay		Diameter (inches) Setting From (ft.) To (ft.) Slot Size	
206 230 Sand		2 1/2 279 299 .012	
230 270 Clay		11) WELL TESTS: Was a pump test made? <input checked="" type="checkbox"/> Yes _____ No _____ If yes, by whom? <u>AIC Compressor</u> Yield: <u>60</u> gpm with _____ ft. drawdown after _____ hrs. Bailer test _____ gpm with _____ ft. drawdown after _____ hrs. Artesian flow _____ gpm Temperature of water _____	
270 299 Sand		12) WATER QUALITY: Was a chemical analysis made? Yes _____ No <input checked="" type="checkbox"/> Did any strata contain undesirable water? Yes _____ No <input checked="" type="checkbox"/> Type of water? _____ depth of strata _____	
7) COMPLETION (Check): <input checked="" type="checkbox"/> Straight well _____ Gravel packed _____ Other _____ <input type="checkbox"/> Under reamed _____ <input type="checkbox"/> Open Hole _____			
8) WATER LEVEL: Static level <u>160</u> ft. below land surface Date <u>Sept 73</u> Artesian pressure _____ lbs. per square inch Date _____ Depth to pump bowls, cylinder, jet, etc., <u>210</u> ft. below land surface.			
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.			
NAME <u>O'Len O'Day</u> (Type or Print) Water Well Drillers Registration No. <u>784</u>		ADDRESS <u>P.O. Box 162</u> (Street or RFD) <u>Pearland</u> (City) <u>Texas</u> (State)	
(Signed) <u>O'Len O'Day</u> (Water Well Driller)		<u>O'Day Drilling Company</u> (Company Name)	
Please attach electric log, chemical analysis, and other pertinent information, if available.			
*Additional instructions on reverse side.			

TWDBE-WD-8



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 161 Distance from Property: 2.88 mi. NNW

ID NUMBER: TX208460
STATE ID : N/A
OWNER NAME: MR. V.A. BIGHAM
DATE DRILLED: 01/??/1973
DEPTH DRILLED: 580'
STATIC LEVEL: 285'
WATER USAGE: DOMESTIC
LONGITUDE: -95.368888000
LATITUDE: 29.799811000

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 208460

Send original copy by certified mail to the Texas Water Development Board, P. O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TCEQ use only
Well No. _____
Located on map NO
Received: 74
JK

1) OWNER: Person having well drilled Mr. V.A. Bigham Address 201 Coronado Houston Texas
(Name) (Street or RFD) (City) (State)
Landowner _____ Address _____
(Name) (Street or RFD) (City) (State)

2) LOCATION OF WELL: County Harris _____ miles in W direction from Four Corners
(N.E., S.W., etc.) (Town)
Locate by sketch map showing landmarks, roads, creeks, highway number, etc.*
INT 10
SARJANCINTO INT 10
(Use reverse side if necessary)

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check):
 Rotary Driven Dug Jetted Bored

6) WELL LOG: Diameter of hole 6 3/4 in. Depth drilled 580 ft. Depth of completed well 580 ft. Date drilled JAN 73
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	2	Top soil
2	340	Sandy
340	560	Clay
560	580	Sand

9) CASING: Type: Old New Steel Plastic Other
Cemented from 560-10 SACKS ft. to _____ ft.
Diameter (inches) Setting From (ft.) To (ft.) Gage
4 0 560 SCD 40
2 1/2 549 570 STD

10) SCREEN: Type: Stainless Steel
 Perforated Slotted
Diameter (inches) Setting From (ft.) To (ft.) Slot Size
2 1/2 570 580 .012

7) COMPLETION (Check):
 Straight wall Gravel packed Other
 Under reamed Open Hole

8) WATER LEVEL: Static level 285 ft. below land surface Date 1-73
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 357 ft. below land surface.

11) WELL TESTS: Was a pump test made? Yes No If yes, by whom?
Air Compressor
Yield: 30 gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY: Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Orlen O'Day Water Well Drillers Registration No. 786
(Type or Print)
ADDRESS P.O. Box 162 Pearland Texas 77581
(Street or RFD) (City) (State)
(Signed) Orlen O'Day O'Day Drilling Co.
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.
*Additional instructions on reverse side.

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 162 Distance from Property: 2.90 mi. ESE

STATE ID: 65-22-222

OWNER'S NAME: TEXAS ICE AND FUEL CO.

DATE DRILLED: 00/00/1922

DEPTH DRILLED: 870'

WATER USAGE: UNUSED

LONGITUDE: -95.311130000

LATITUDE: 29.738880000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522222/6522222.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-22-222

TEXAS WATER DEVELOPMENT BOARD WELL SCHEDULE

State Well Number - 65 22 222 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 44 19 Longitude - 95 18 38 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Texas Ice and Fuel Co. Driller - Taylor & Roberts

Address _____ Tenant/Oper. _____

Date Drilled - / /1922 Depth - 870 ft. Source of Depth - D Altitude - 41 ft. Source of Alt. - M

Aquifer - 112CEVG CHICOT AND EVANGELINE AQUIFERS Well Type - W User -

WELL Const. Casing
CONSTRUCTION Method - _____ Material - _____ | Casing or Blank Pipe (C)
Screen | Well Screen or Slotted Zone (
Completion - _____ Material - _____ | Open Hole (O)
Cemented from _____ to _____

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages _____ | Diam. Setting(feet)
(in.) From To

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in. |

Motor Mfr. - _____ Fuel or Power - _____ Horsepower - _____ |

YIELD Flow- _____ GPM Pump- _____ GPM Meas., Rept., Est- _____ Date- _____ |

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM |

Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft |

QUALITY (Remarks- _____ |

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____ |

OTHER DATA AVAILABLE Water Levels- M Quality- N Logs- Other Data- |

WATER LEVELS Date- 01/16/1931 Measurement- -60.90 |

Date- / / Measurement- |

Recorded By _____ Date Record Collected or Updated- / / |

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CEVG
Well No. - 65 22 222



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 162 Distance from Property: 2.90 mi. ESE

STATE ID: 65-22-225
OWNER'S NAME: TEXAS ICE AND FUEL CO
DATE DRILLED: 00/00/1960
DEPTH DRILLED: 425'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.311123000
LATITUDE: 29.738880000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522225/6522225.pdf>

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 163 Distance from Property: 2.92 mi. W

ID NUMBER: TX187799
STATE ID : 65-13-9
OWNER NAME: DAVIS BROTHERS CONSTRUCTION
DATE DRILLED: 05/13/1996
DEPTH DRILLED: 480'
STATIC LEVEL: 226'
WATER USAGE: IRRIGATION
LONGITUDE: -95.402004000
LATITUDE: 29.758829000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 187799

ATTENTION OWNER: Confidentiality STATE OF TEXAS
 Privilege Notice on Reverse Side WATER WELL REPORT

OWNER: DAVIS BROTHERS CONSTRUCT. ADDRESS: 2200 LOUETTA RD. CITY: HOUSTON STATE: TX ZIP: 77388-4705

ADDRESS OF WELL: 5)
 County: HARRIS STATE WELL# 5459
 Street or RFD: RINCON APARTMENTS ALLEN PARKWAY
 City, State, Zip code: HOUSTON TX 77019-

TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION
 If Public Supply well, were plans submitted to the TNRCC?

WELL LOG: 00040 DIAMETER OF HOLE 7) DRILLING METHOD: 8) BOREHOLE COMPLETION:

DATE DRILLING:	DIAMETER	FROM	TO	MUD ROTARY	TWO-STRING	65-13-9	FT. TO	FT.
STARTED: 01/22/96	7.75	0	460					
COMPLETED: 05/13/96	4.75	460	480		IF GRAVEL...		FROM	FT. TO

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0	N	PVC WELL CASING	+2	460	SDR.17
2.5	N	PVC BLANK PIPE	444	459	SCH.80
2.5	N	STAINLESS ROD BASE	459	469	8 GA.
2.5	N	STAINLESS ROD BASE	469	479	10 GA.
2.5	N	PVC BLANK PIPE	479	480	SCH.80

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	20	BLACK TOPSOIL, CLAY
20	40	RED CLAY SAND
40	60	SAND, CLAY
60	140	CLAY GRAY CLAY
140	160	SAND, CLAY
160	220	GRAY CLAY
220	240	SAND, CLAY ROCK
240	260	SAND SHALE
260	300	SHALE
300	320	SHALE SAND
320	400	SAND ROCK SANDY SHALE
400	440	SHALE SAND SHALE
440	460	SHALE COARSE SAND
460	480	COARSE SAND

9) CEMENTING DATA:
 Cemented from 460 FT. TO 360 FT. No. of Sacks Used 12
 18 FT. TO 1 FT. 8
 Method used: HALLIBURTON METHOD
 Cemented by: GDI
 Distance to septic field lines: ft.
 Method of verification of above distance:
 CITY SEWER

10) SURFACE COMPLETION:
 PITLESS ADAPTER USED

11) WATER LEVEL:
 STATIC LEVEL : 226 FT. DATE: 03/29/96
 ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
BP SEAL	444
FORMATION PACKER	18

3) TYPE PUMP: SUBMERSIBLE DEPTH TO PUMP: 320 14) WELL TEST: JETTED YIELD: 100+ GPM WITH FT DRAWDOWN AFTER HRS

5) WATER QUALITY: TYPE OF WATER: EXCELLENT DEPTH OF STRATA: 25' OF SAND NO CHEMICAL ANALYSIS MADE
 NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: GEOPHYSICAL DRILLING, INC. WATER WELL DRILLER'S LICENSE NO.: 4898WPK ; FOR TWO USE ONLY
 ADDRESS: P.O. BOX 664 CITY: FULSHEAR STATE: TX ZIP CODE: 77441 ; WELL NO. _____
 ; LOCATED ON MAP _____

HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE WELL BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Jeremy D. Briney (signed) _____
 (LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 163 Distance from Property: 2.92 mi. W

WELL ID: **5459**
OWNERS NAME: **VILLAS AT RIVER OAKS**
YEAR DRILLED: **1996**
DEPTH DRILLED: **430'**
STATIC LEVEL: **410'**
WATER USAGE: **OTHER**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.402004000**
LATITUDE: **29.758829000**
SOURCE: **HGSD**



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 164 Distance from Property: 2.93 mi. NNE

ID NUMBER: TX205319
STATE ID : 65-14-4E
OWNER NAME: RAINBO BAKERY
DATE DRILLED: 08/12/1980
DEPTH DRILLED: 345'
STATIC LEVEL: 220'
WATER USAGE: DOMESTIC
LONGITUDE: -95.335243000
LATITUDE: 29.799875000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205319

and original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

**State of Texas
WATER WELL REPORT**

For TDWR use only
Well No. 65-14-4E
Located on map Y42
Received: _____

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Rainbo Bakery Address Hwy 59 + Little York Houston Tx
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris app 35 miles in southeast direction from Spring
(N. E., S. W., etc.) (Town)

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map.

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Public Supply
 Irrigation Test Well Other _____

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored
 Air Rotary Cable Tool Jetted Other _____

6) WELL LOG:

Date drilled	DIAMETER OF HOLE		
	Dia. (in.)	From (ft.)	To (ft.)
<u>8-12-80</u>	<u>6 3/4</u>	<u>0</u>	<u>345</u>

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other 2 string
If Gravel Packed give interval ... from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
						From	To	
<u>0-17</u>		<u>top soil + clay</u>						
<u>17-25</u>		<u>sand</u>						
<u>25-40</u>		<u>clay</u>	<u>4</u>	<u>N</u>	<u>P.V.C. well casing</u>	<u>0</u>	<u>335</u>	
<u>40-50</u>		<u>sand</u>	<u>2 1/2</u>	<u>N</u>	<u>P.V.C. slotted screen</u>	<u>335</u>	<u>345</u>	<u>#6</u>
<u>50-60</u>		<u>clay</u>						
<u>60-78</u>		<u>sand</u>						
<u>78-165</u>		<u>clay</u>						
<u>165-198</u>		<u>sand</u>						
<u>198-220</u>		<u>clay</u>						
<u>220-240</u>		<u>sand</u>						
<u>240-320</u>		<u>hard formation rock + clay</u>						
<u>320-330</u>		<u>sand</u>						
<u>330-345</u>		<u>hard formation clay + rock</u>						

CEMENTING DATA
Cemented from 0 ft. to 335 ft.
Method used Pecssuec
Cemented by O.R. Billings
(Company or Individual)

9) WATER LEVEL:
Static level 220 ft. below land surface Date 8-13-80
Artesian flow _____ gpm. Date _____

10) PACKERS: Type _____ Depth _____
4 x 2 1/2 K-Packers - 332

RECEIVED:
AUG 2 1982
City _____

11) TYPE PUMP: None
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

12) WELL TESTS: None
 Type Test Pump Bailor Jetted Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME O.R. Billings Water Well Drillers Registration No. 1929
(Type or Print)

ADDRESS 25330 Richard Rd. Spring Texas 77373
(Street or RFD) (City) (State) (Zip)

(Signed) O.R. Billings All Weather Water Well Inc.
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205319



WATER RESOUR.
DEPT OF

ATTACHMENT

65-14-4E

RECEIVED
AUG 2 1982
CR/10...

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 165 Distance from Property: 2.98 mi. SE

ID NUMBER: TX181650
STATE ID : N/A
OWNER NAME: DELUXE CLEANERS
DATE DRILLED: 01/15/1963
DEPTH DRILLED: 188'
STATIC LEVEL: 113'
WATER USAGE: WASHATERIA
LONGITUDE: -95.320742000
LATITUDE: 29.727250000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 181650

MAR 26 1963

File original copy with Texas Water Commission P. O. Box 2311, Capitol Station Austin 11, Texas

State of Texas
DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No. _____
Located on map _____
Date _____
Map No. _____

1) Well Owner: DeLuxe Cleaners 5420 Lawndale St. Houston, Texas

2) Land Owner: Same

3) Intended use: Industrial ; Municipal ; Irrigation ; Other Washateria

4) Location of Well: County Harris Labor _____ League _____ Abstract No. _____

NE 1 SW 2 SE 1 of Section _____ Block No. _____ Survey _____

_____ miles in _____ direction
from _____

Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 4" in. Date drilled 1/15/63

All measurements made from 0 ft. above ground level.

From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material
0	48	White Clay			
48	120	Red Clay Broken			
120	156	Soft Blue Clay - Sandy			
156	186	Sand - Good - Top broken			
186	188	Tough Gumbo			

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION		CASING		SCREEN	
Straight wall <input checked="" type="checkbox"/>		Type: Old <input type="checkbox"/> New <input checked="" type="checkbox"/>	Type <u>LOP Stainless</u>		
Under reamed <input type="checkbox"/>		Cemented from <u>169</u> ft. to <u>Surface</u> ft.	Perforated <input type="checkbox"/> Slotted <input checked="" type="checkbox"/>		
Gravel packed <input type="checkbox"/>		Diameter (inches)	Setting from (ft)	Diameter (inches)	Setting from (ft) to (ft)
Open hole <input type="checkbox"/>		<u>4"</u>	<u>0</u> to <u>169'</u>	<u>2 1/2"</u>	<u>.012 Ga. 172'</u> to <u>182'</u>
Other _____					

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

Driller Lowry Water Wells, Houston, Tex Reg. No. 116
4012 Fulton St

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

Pumping level			WATER LEVEL AND PUMP DATA	
feet	hours	gpm		
			Pump type	<u>Jacuzzi Submersible</u>
			Designed pumping rate	_____ gpm <input type="checkbox"/> gph <input type="checkbox"/>
			Type power unit	<u>1 H.P. Electric</u>
			Horsepower	<u>1. H. P.</u>
			Depth to bowls, cylinder, jet, etc.,	<u>157'</u> ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company: _____

C-34 (62-6)

181650

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 166 Distance from Property: 2.99 mi. SW

ID NUMBER: TX206006
STATE ID : 65-21-3
OWNER NAME: KYLE SMITH
DATE DRILLED: 12/20/1994
DEPTH DRILLED: 250'
STATIC LEVEL: NOT REPORTED
WATER USAGE: INJECTION
LONGITUDE: -95.385298000
LATITUDE: 29.726971000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 206006

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: Confidentiality <i>Privilege Notice on Reverse Side</i> FOR: AIR TECH CONTROL		State of Texas WELL REPORT		Texas Water Well Drillers Advisory Council P.O. Box 13087 Austin, TX 78711-3087 512-239-0530																												
1) OWNER <u>Kyle Smith</u> (Name) ADDRESS <u>5200 Caroline</u> <u>Houston</u> <u>Texas</u> <u>77004</u> (Street or RFD) (City) (State) (Zip)		2) ADDRESS OF WELL: <u>5200 Caroline</u> <u>Houston</u> <u>Texas</u> <u>77004</u> GRID # <u>65-21-3</u> County <u>Harris</u> (Street, RFD or other) (City) (State) (Zip) Log# <u>1</u> of <u>9</u>		3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging																												
4) PROPOSED USE (Check): <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input checked="" type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No		5)		6) WELL LOG: Date Drilling: <u>12-13</u> 19 <u>94</u> Started <u>12-13</u> 19 <u>94</u> Completed <u>12-20</u> 19 <u>94</u>																												
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			From	To																												
.75	N	Poly Ethylene	0	250	None																											
From (ft.) To (ft.) Description and color of formation material <u>0 - 70</u> <u>Clay</u> <u>70 - 140</u> <u>Clayey Sand</u> <u>140 - 250</u> <u>Clay</u> Nine ground source heat pump holes in grid. Each well 10 feet apart.		10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Slab Installed [Rule 338.44(2)(A)] <input type="checkbox"/> Specified Steel Sleeve Installed [Rule 338.44(3)(A)] <input type="checkbox"/> Pitless Adapter Used [Rule 338.44(3)(b)] <input checked="" type="checkbox"/> Approved Alternative Procedure Used [Rule 338.71]		11) WATER LEVEL: Static level _____ ft. below land surface Date _____ Artesian flow _____ gpm. Date _____																												
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ADDRESS <u>4412 Bluemel Road</u> <u>San Antonio</u> <u>Texas</u> <u>78240</u> (Street or RFD) (City) (State) (Zip)		(Signed) <u>Tom Pata</u> (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)		Please attach electric log, chemical analysis, and other pertinent information, if available.																												

TNRCC-0199 (Rev. 11-01-94)

TNRCC COPY

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 166 Distance from Property: 2.99 mi. SW

ID NUMBER: TX206007
STATE ID : 65-21-3
OWNER NAME: KYLE SMITH
DATE DRILLED: 12/20/1994
DEPTH DRILLED: 250'
STATIC LEVEL: NOT REPORTED
WATER USAGE: INJECTION
LONGITUDE: -95.385298000
LATITUDE: 29.726971000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 206007

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side FOR: AIR TECH CONTROL		State of Texas WELL REPORT		Texas Water Well Drillers Advisory Council P.O. Box 13087 Austin, TX 78711-3087 512-239-0530																											
1) OWNER <u>Kyle Smith</u> (Name) ADDRESS <u>5200 Caroline</u> (Street or RFD) <u>Houston</u> (City) <u>Texas</u> (State) <u>77004</u> (Zip)		2) ADDRESS OF WELL: <u>Harris</u> County <u>5200 Caroline</u> (Street, RFD or other) <u>Houston</u> (City) <u>Texas</u> (State) <u>77004</u> (Zip)		GRID # <u>65-21-3</u> Log# <u>2</u> of <u>9</u>																											
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(Signed) <u>[Signature]</u> (Licensed Well Driller)		(Signed) _____ (Registered Driller Trainee)																													
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TNRCC-0199 (Rev. 11-01-94)

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 166 Distance from Property: 2.99 mi. SW

ID NUMBER: TX206009
STATE ID : 65-21-3
OWNER NAME: KYLE SMITH
DATE DRILLED: 12/20/1994
DEPTH DRILLED: 250'
STATIC LEVEL: NOT REPORTED
WATER USAGE: INJECTION
LONGITUDE: -95.385298000
LATITUDE: 29.726971000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 206009

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side FOR: AIR TECH CONTROL		State of Texas WELL REPORT		Texas Water Well Drillers Advisory Council P.O. Box 13087 Austin, TX 78711-3087 512-239-0530															
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TNRCC-0199 (Rev. 11-01-94)

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 166 Distance from Property: 2.99 mi. SW

ID NUMBER: TX206010
STATE ID : 65-21-3
OWNER NAME: KYLE SMITH
DATE DRILLED: 12/20/1994
DEPTH DRILLED: 250'
STATIC LEVEL: NOT REPORTED
WATER USAGE: INJECTION
LONGITUDE: -95.385298000
LATITUDE: 29.726971000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 206010

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side FOR: AIR TECH CONTROL		State of Texas WELL REPORT		Texas Water Well Drillers Advisory Council P.O. Box 13087 Austin, TX 78711-3087 512-239-0530																											
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Please attach electric log, chemical analysis, and other pertinent information, if available.

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 166 Distance from Property: 2.99 mi. SW

ID NUMBER: TX206011
STATE ID : 65-21-3
OWNER NAME: KYLE SMITH
DATE DRILLED: 12/20/1994
DEPTH DRILLED: 250'
STATIC LEVEL: NOT REPORTED
WATER USAGE: INJECTION
LONGITUDE: -95.385298000
LATITUDE: 29.726971000

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 206011

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side FOR: AIR TECH CONTROL		State of Texas WELL REPORT		Texas Water Well Drillers Advisory Council P.O. Box 13087 Austin, TX 78711-3087 512-239-0530	
1) OWNER <u>Kyle Smith</u> (Name) ADDRESS <u>5200 Caroline</u> <u>Houston</u> <u>Texas</u> <u>77004</u> (Street or RFD) (City) (State) (Zip)		2) ADDRESS OF WELL: <u>Harris</u> <u>5200 Caroline</u> <u>Houston</u> <u>Texas</u> <u>77004</u> GRID # <u>65-21-3</u> County (Street, RFD or other) (City) (State) (Zip) Log# <u>6</u> of <u>9</u>		3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging	
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Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-01-94)

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 166 Distance from Property: 2.99 mi. SW

ID NUMBER: TX206012
STATE ID : 65-21-3
OWNER NAME: KYLE SMITH
DATE DRILLED: 12/20/1994
DEPTH DRILLED: 250'
STATIC LEVEL: NOT REPORTED
WATER USAGE: INJECTION
LONGITUDE: -95.385298000
LATITUDE: 29.726971000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 206012

Send original copy by certified mail to: **TNRCC, P.O. Box 7, Austin, TX 78711-3087**

Please use black ink.

ATTENTION OWNER: Confidentiality <i>Privilege Notice on Reverse Side</i> FOR: AIR TECH CONTROL		State of Texas WELL REPORT		Texas Water Well Drillers Advisory Council P.O. Box 13087 Austin, TX 78711-3087 512-239-0530																											
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COMPANY NAME <u>Service Station Testing, Inc.</u> (Type or print) WELL DRILLER'S LICENSE NO. <u>3197MN</u>		ADDRESS <u>4412 Bluemel Road</u> <u>San Antonio</u> <u>Texas</u> <u>78240</u> (Street or RFD) (City) (State) (Zip)																													
(Signed) <u>Tom Paul</u> (Licensed Well Driller)		(Signed) _____ (Registered Driller Trainee)																													

TNRCC-0199 (Rev. 11-01-94)

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 166 Distance from Property: 2.99 mi. SW

ID NUMBER: TX206013
STATE ID : 65-21-3
OWNER NAME: KYLE SMITH
DATE DRILLED: 12/20/1994
DEPTH DRILLED: 250'
STATIC LEVEL: NOT REPORTED
WATER USAGE: INJECTION
LONGITUDE: -95.385298000
LATITUDE: 29.726971000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 206013

Send original copy by certified mail to: TNRCC, P.O. Box 37, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side FOR: AIR TECH CONTROL		State of Texas WELL REPORT		Texas Water Well Drillers Advisory Council P.O. Box 13087 Austin, TX 78711-3087 512-239-0530																											
1) OWNER <u>Kyle Smith</u> (Name) ADDRESS <u>5200 Caroline</u> <u>Houston</u> <u>Texas</u> <u>77004</u> (Street or RFD) (City) (State) (Zip)		2) ADDRESS OF WELL: <u>Harris</u> <u>5200 Caroline</u> <u>Houston</u> <u>Texas</u> <u>77004</u> (County) (Street, RFD or other) (City) (State) (Zip)		GRID # <u>65-21-3</u> Log # <u>8</u> of <u>9</u>																											
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TNRCC-0199 (Rev. 11-01-94)

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 166 Distance from Property: 2.99 mi. SW

ID NUMBER: TX206014
STATE ID : 65-21-3
OWNER NAME: KYLE SMITH
DATE DRILLED: 12/20/1994
DEPTH DRILLED: 250'
STATIC LEVEL: NOT REPORTED
WATER USAGE: INJECTION
LONGITUDE: -95.385298000
LATITUDE: 29.726971000

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 206014

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side FOR: AIR TECH CONTROL		State of Texas WELL REPORT		Texas Water Well Drillers Advisory Council P.O. Box 13087 Austin, TX 78711-3087 512-239-0530														
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Please attach electric log, chemical analysis, and other pertinent information, if available.																		

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 166 Distance from Property: 2.99 mi. SW

ID NUMBER: TX206008
STATE ID : 65-21-3
OWNER NAME: KYLE SMITH
DATE DRILLED: 12/20/1994
DEPTH DRILLED: 250'
STATIC LEVEL: NOT REPORTED
WATER USAGE: INJECTION
LONGITUDE: -95.385298000
LATITUDE: 29.726971000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 206008

Send original copy by certified mail to: **TNRCC, P.O. Box 13007, Austin, TX 78711-3087**

Please use black ink.

ATTENTION OWNER: <i>Confidentiality</i> Privilege Notice on Reverse Side FOR: AIR TECH CONTROL		State of Texas WELL REPORT		Texas Water Well Drillers Advisory Council P.O. Box 13087 Austin, TX 78711-3087 512-239-0530															
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TNRCC-0199 (Rev. 11-01-94)

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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 167 Distance from Property: 2.99 mi. NW

STATE ID: 65-13-621

OWNER'S NAME: GLOBE LAUNDRY AND CLEANERS

DATE DRILLED: 00/00/1962

DEPTH DRILLED: 477'

WATER USAGE: INDUSTRIAL

LONGITUDE: -95.387650000

LATITUDE: 29.791750000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513621/6513621.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-13-621

Texas Water Development Board Well Schedule

State Well Number 6513621 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294731 Longitude 952321 Source of Coords 2

Owner's Well No. _____ Location _____
Owner: Globe Laundry and Cleaners Driller: A. Chrysty Kuhlmann

Address _____ Tenant/Oper. _____

Date Drilled / /1962 Depth 477 Source of Depth Altitude 58 Source of Alt.
Well Type W User

WELL CONSTRUCTION Const-Method Completion Casing Material Screen Material
Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - SUBMERSIBLE PUMP No. Stages _____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - INDUSTRIAL Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - Other Data -

WATER LEVELS 1 measurement
1962
-142

Recorded By _____ Date Record Collected or Updated - 09/30/2002
Reporting Agency 01

REMARKS -
TWDB R178: Screen from 433 to 476 ft.
Yield: 130 gpm with 43 ft. drawdown when drilled.

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER,LOWER

Tuesday, March 21, 2006

Well Number - 6513621



HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 167 Distance from Property: 3.00 mi. NW

WELL ID: 2169
OWNERS NAME: HARDING, GEORGE F.
YEAR DRILLED: 1962
DEPTH DRILLED: 476'
STATIC LEVEL: 420'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.387647000
LATITUDE: 29.791765000
SOURCE: HGSD



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 168 Distance from Property: 3.01 mi. SE

ID NUMBER: TX181633
STATE ID : N/A
OWNER NAME: LAYNE TEXAS CO
DATE DRILLED: 10/22/1971
DEPTH DRILLED: 221'
STATIC LEVEL: 120'
WATER USAGE: DOMESTIC
LONGITUDE: -95.321941000
LATITUDE: 29.725833000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 181633

Send original copy by certified mail to the Texas Water Development Board, P. O. Box 12386, Austin, Texas 78711		State of Texas WATER WELL REPORT	For TWDB use only Well No. _____ Located on map <u>167</u> Received: <u>91</u> <u>211</u>																																																																																						
1) OWNER: Person having well drilled <u>Loyal Texas Co</u> (Name) Address <u>5402 Laurelale, Houston</u> (Street or RFD) (City) (State)		Landowner _____ (Name) Address _____ (Street or RFD) (City) (State)																																																																																							
2) LOCATION OF WELL: County <u>Harris</u> _____ miles in _____ direction from _____ (Town) (N.E., S.W., etc.)		Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.* Give legal location with distances and directions from adjacent sections or survey lines. Labor _____ League _____ Block _____ Survey _____ Abstract No. _____ (NW NE SW SE) of Section _____																																																																																							
3) TYPE OF WORK (Check): New Well <input checked="" type="checkbox"/> Deepening _____ Reconditioning _____ Plugging _____		4) PROPOSED USE (Check): Domestic _____ Industrial _____ Municipal _____ Irrigation _____ Test Well _____ Other _____																																																																																							
5) TYPE OF WELL (Check): Rotary _____ Driven _____ Dug _____ Cable _____ Jetted _____ Sored _____																																																																																									
6) WELL LOG: Diameter of hole <u>6 3/4</u> in. Depth drilled <u>221</u> ft. Depth of completed well _____ ft. Date drilled <u>10-22-71</u> All measurements made from <u>0</u> ft. above ground level.																																																																																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">From (ft.)</th> <th style="width: 10%;">To (ft.)</th> <th style="width: 80%;">Description and color of formation material</th> </tr> </thead> <tbody> <tr><td></td><td></td><td><u>0-21 Clay</u></td></tr> <tr><td></td><td></td><td><u>21-27 sand (red)</u></td></tr> <tr><td></td><td></td><td><u>27-28 rock</u></td></tr> <tr><td></td><td></td><td><u>28-53 Clay</u></td></tr> <tr><td></td><td></td><td><u>53-74 sandy clay</u></td></tr> <tr><td></td><td></td><td><u>74-83 sand</u></td></tr> <tr><td></td><td></td><td><u>83-95 clay</u></td></tr> <tr><td></td><td></td><td><u>95-103 sand</u></td></tr> <tr><td></td><td></td><td><u>103-116 sandy clay</u></td></tr> <tr><td></td><td></td><td><u>116-142 sand & gravel</u></td></tr> <tr><td></td><td></td><td><u>142-178 sandy clay</u></td></tr> </tbody> </table>	From (ft.)	To (ft.)	Description and color of formation material			<u>0-21 Clay</u>			<u>21-27 sand (red)</u>			<u>27-28 rock</u>			<u>28-53 Clay</u>			<u>53-74 sandy clay</u>			<u>74-83 sand</u>			<u>83-95 clay</u>			<u>95-103 sand</u>			<u>103-116 sandy clay</u>			<u>116-142 sand & gravel</u>			<u>142-178 sandy clay</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">9) Casing:</th> </tr> <tr> <th>Type:</th> <th>Old</th> <th>New <input checked="" type="checkbox"/></th> <th>Steel <input checked="" type="checkbox"/> Plastic _____ Other _____</th> </tr> </thead> <tbody> <tr> <td colspan="2">Cemented from</td> <td><u>0</u></td> <td>ft. to <u>194</u> ft.</td> </tr> <tr> <th colspan="4">Diameter (inches)</th> </tr> <tr> <th colspan="2">Setting</th> <th>From (ft.)</th> <th>To (ft.)</th> </tr> <tr> <td colspan="2"></td> <td><u>4</u></td> <td><u>0</u> to <u>194</u></td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">10) SCREEN:</th> </tr> <tr> <th>Type:</th> <th colspan="3"><u>stainless steel</u></th> </tr> <tr> <th colspan="4">Perforated _____ Slotted <input checked="" type="checkbox"/></th> </tr> <tr> <th colspan="4">Diameter (inches)</th> </tr> <tr> <th colspan="2">Setting</th> <th>From (ft.)</th> <th>To (ft.)</th> </tr> <tr> <td colspan="2"></td> <td><u>2 1/2</u></td> <td><u>200</u> to <u>220</u></td> </tr> <tr> <td colspan="2"></td> <td><u>2 1/2 "Blank"</u></td> <td><u>200' - 188'</u></td> </tr> </thead></table>	9) Casing:				Type:	Old	New <input checked="" type="checkbox"/>	Steel <input checked="" type="checkbox"/> Plastic _____ Other _____	Cemented from		<u>0</u>	ft. to <u>194</u> ft.	Diameter (inches)				Setting		From (ft.)	To (ft.)			<u>4</u>	<u>0</u> to <u>194</u>	10) SCREEN:				Type:	<u>stainless steel</u>			Perforated _____ Slotted <input checked="" type="checkbox"/>				Diameter (inches)				Setting		From (ft.)	To (ft.)			<u>2 1/2</u>	<u>200</u> to <u>220</u>			<u>2 1/2 "Blank"</u>	<u>200' - 188'</u>
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7) COMPLETION (Check): Straight wall _____ Gravel packed _____ Other _____ Under reamed _____ Open Hole _____		11) WELL TESTS: Was a pump test made? Yes <u>No</u> If yes, by whom? _____ Yield: <u>30</u> gpm with <u>aw</u> ft. drawdown after _____ hrs. Bailer test _____ gpm with _____ ft. drawdown after _____ hrs. Artesian flow _____ gpm Temperature of water _____																																																																																							
8) WATER LEVEL: Static level <u>120</u> ft. below land surface Date <u>10-22-71</u> Artesian pressure _____ lbs. per square inch Date _____ Depth to pump bowls, cylinder, jet, etc., <u>181</u> ft. below land surface.		12) WATER QUALITY: Was a chemical analysis made? Yes <u>No</u> Did any strata contain undesirable water? Yes <u>No</u> Type of water? _____ depth of strata _____																																																																																							
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.																																																																																									
NAME <u>Baker Birdwell</u> (Type or Print)		Water Well Drillers Registration No. <u>476</u>																																																																																							
ADDRESS <u>P.O. Box 464</u> (Street or RFD)		<u>Armadillo Texas 77517</u> (City) (State)																																																																																							
(Signed) <u>Baker Birdwell</u> (Water Well Driller)		<u>Birdwell Water Well Service</u> (Company Name)																																																																																							

*Additional instructions on reverse side.

TWDBRE-GW-53

181633



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 169 Distance from Property: 3.03 mi. NW

STATE ID: **65-13-909**
OWNER'S NAME: **CREAMIX CORP.**
DATE DRILLED: **00/00/1927**
DEPTH DRILLED: **250'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.388830000**
LATITUDE: **29.791470000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513909/6513909.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-13-909

Texas Water Development Board Well Schedule

State Well Number 6513909 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294728 Longitude 952319 Source of Coords 2

Owner's Well No. _____ Location _____
Owner Creamix Corp. Driller McMasters & Pomeroy

Address _____ Tenant/Oper. _____

Date Drilled / /1927 Depth 250 Source of Depth Altitude 62 Source of Alt.
Well Type W User

WELL CONSTRUCTION Const-Method Completion Casing Material Screen Material
Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - NONE No. Stages _____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - _____ Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - UNUSED Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - Other Data -

WATER LEVELS 1 measurement
1931
-67

Recorded By _____ Date Record Collected or Updated - 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: 68 ft. of screen
between 173 and 250 ft.

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER, LOWER

Tuesday, March 21, 2006

Well Number - 6513909



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 170 Distance from Property: 3.03 mi. NNE

WELL ID: **1086**
OWNERS NAME:
YEAR DRILLED: **1949**
DEPTH DRILLED: **1980'**
STATIC LEVEL: **999'**
WATER USAGE: **PUBLIC SUPPLY**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.335905000**
LATITUDE: **29.801590000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 171 Distance from Property: 3.05 mi. E

STATE ID: 65-14-820
OWNER'S NAME: RICE HOTEL LAUNDRY
DATE DRILLED: 01/22/1965
DEPTH DRILLED: 1085'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.302050000
LATITUDE: 29.761630000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514820/6514820.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 7
State ID: 65-14-820

FORM 28

LAYNE TEXAS COMPANY,
HOUSTON -- DALLAS
WELL LOG

65-14-8B
REPORT NO. 6933
S. O. 2043-64 dt
PAGE 1 OF 2
FILE NO. 2968
DATE 1/25/65

CUSTOMER LOCATION		WELL DATA	
FOR CHARLES G. HEYNE & COMPANY		NAME WELL	WELL NO. 1
LOCATION WELL NEW RICE HOTEL LAUNDRY, HOUSTON		ELEVATION	DATUM
SURVEY	FIELD	RT C	GR
COUNTY HARRIS	STATE TEXAS	TEST HOLE SIZE 6-3/4"	TD 1500'
OTHER LAND MARKS		DATE STARTED DRILLING	12-16-64
		DATE FINISHED DRILLING	
		DRILLER B. PATTON	RIG NO. 10
		TYPE MUD GEL	NO. SACKS 50
		ELECTRIC LOG YES	TYPE WIDCO
		SURVEY	TYPE
		OTHER DRILLER: B. GLIDEWELL	

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES		
			DEPTH	TYPE	NUMBER
0		SURFACE			
3	3	TOP SOIL			
12	9	CLAY			
27	15	RED SANDY CLAY & GRAVEL			
50	23	CLAY & SANDY CLAY			
66	16	SAND			
160	94	CLAY & SAND STREAKS			
252	92	CLAY			
373	121	CLAY & SANDY CLAY			
408	35	SAND			
533	125	SANDY SHALE			
568	35	SANDY SHALE & STREAKS OF SAND			
569	1	ROCK			
597	28	SANDY SHALE & SAND STREAKS			
630	33	SAND & HARD STREAKS			
665	35	SAND			
697	32	SHALE & SANDY SHALE			
713	16	SAND			
728	15	SHALE & SANDY SHALE			
752	25	SAND			
779	26	SANDY SHALE & SAND			
829	50	SAND & HARD STREAKS			
892	63	SHALE & SAND STREAKS			
953	61	SANDY SHALE & SHALE STREAKS			
985	32	SANDY SHALE & SAND STREAKS			
1010	25	SAND & HARD STREAKS			
1042	32	SHALE & SANDY SHALE			
1073	31	SANDY SHALE			
1090	17	SANDY SHALE & STREAKS OF SAND			
1124	34	SHALE, LIME STREAKS AND SAND			
1193	69	SHALE			
1215	22	SAND			
1269	54	SHALE & SANDY SHALE			
1284	15	SHALE & LIME STREAKS			
1318	34	SANDY SHALE & SAND STREAKS			
1341	23	HARD SHALE, LIME & SAND			
1365	24	SAND			
1404	39	SAND & SANDY SHALE			

Q-1734

65-14-8B
820

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 3 out of 7
 State ID: 65-14-820

FORM N 28

LAYNE TEXAS COMPANY,
 HOUSTON -- DALLAS
WELL LOG

REPORT NO. 6933
 S. O. 2043-64
 PAGE 2 OF 2
 FILE NO. 2968
 DATE 1/25/65

CUSTOMER LOCATION FOR CHARLES G. HEYNE & COMPANY LOCATION WELL, NEW RICE HOTEL LAUNDRY, HOUSTON SURVEY FIELD COUNTY HARRIS STATE TEXAS OTHER LAND MARKS		WELL DATA NAME WELL WELL NO. 1 ELEVATION DATUM RT C GR TEST HOLE SIZE 6-3/4" TD 1500' DATE STARTED DRILLING 12-16-64 DATE FINISHED DRILLING DRILLER B. PATTON RIG NO. 10 TYPE MUD GEL NO. SACKS 50 ELECTRIC LOG YES TYPE WIDCO SURVEY TYPE OTHER DRILLER: B. GLIDEWELL	
---	--	--	--

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES		
			DEPTH	TYPE	NUMBER
1404					
1409	5	SHALE			
1439	30	SANDY SHALE & SAND STREAKS			
1461	22	SANDY SHALE & SAND STREAKS			
1477	16	SHALE			
1497	20	SAND			
1500	3	SHALE			
TOTAL DEPTH 1500 FEET					

Attach 65-14-820



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 5 out of 7
State ID: 65-14-820

MICROBIOLOGY SERVICE LABORATORIES

water technologists . . . chemists . . . microbiologists

27 January 1965

To: Layne Texas Company
P. O. Box 9098
Houston, Texas 77011

SO 2043-64

Sample marked: Well No. 1, Rice Hotel Laundry, 3000 Boyles, Houston, Harris Cty, Texas. Taken: 1-22-65 after 16 hrs. pumping at 457 gpm. Static Head: 304'. Pumping Level: 372'. Screened: 810-1073'.

E. W. Davis

Received: 1-25-65.

WATER ANALYSIS
results in parts per million (mg/l) except as noted

Dissolved Residue at 105°C		304	Conductance, micromhos/cm, 25°C	502
Total Dissolved Solids, actual†		440	Color, units	0
Total Dissolved Solids, calc.		437	Turbidity, units	0
Silica	SiO ₂	14	As Calcium Carbonate, CaCO ₃ :	
Iron and Aluminum Oxides	R ₂ O ₃	1	Phenolphthalein Alkalinity	0
Calcium	Ca	20	Total Alkalinity	219
Magnesium	Mg	4	Total Hardness	67
Sodium (diff.) Na + K as	Na	93	Free Carbon Dioxide	CO ₂ 8
Carbonate	CO ₃	0	pH . . .	7.7
Bicarbonate	HCO ₃	267	HYPOTHETICAL COMBINATIONS	
Sulfate	SO ₄	6	Calcium Bicarbonate	81
Chloride	Cl	32	Magnesium Bicarbonate	25
Total Iron	Fe	0.17	Sodium Bicarbonate	255
			Sodium Sulfate	8
			Sodium Chloride	33
			SiO ₂ + R ₂ O ₃	19
			Total Dissolved Solids, calc.	437

†Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO₃) ion

Microbiology Service Laboratories

4789

By: *Edna Wood*
Edna Wood
65-14-820 *Attach 1-5-14-82*

RI 7-7271 • P. O. BOX 14171 • 4820 OLD SPANISH TRAIL • HOUSTON, TEXAS 77021



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 6 out of 7
State ID: 65-14-820

January 12, 1965

Layne Texas Company, Inc.
P. O. Box 9469
Houston, Texas 77011

Re: Chas. G. Heyne & Company
New Rice Hotel Laundry
Houston Water Well No. 1
S. O. 2043-64

Gentlemen:

Below is a tabulation of depths and their corresponding drift angles which we have read and recorded from the Eastman Drift Indicator discs furnished us by your office:

<u>Depth</u>	<u>Inclination</u>	<u>Depth</u>	<u>Inclination</u>
103'	0°15'	409'	0°35'
210'	0°20'	499'	0°50'
305'	0°55'	700'	0°15'
399'	0°55'		

Enclosed are the discs used in compiling this report.

Yours very truly,

EASTMAN OIL WELL SURVEY COMPANY

W. C. Cooper
W. C. Cooper
Well-Bore Surveyor

WCC:mr

Enclosures

*Attach
65-14-820*

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 7 out of 7
State ID: 65-14-820

LAYNE TEXAS COMPAN
HOUSTON -:- DALLAS
WATER WELL TEST

REPORT NO. 6935
S. O. 2043-64
PAGE 1 OF 1
FILE NO. 2968
DATE 1-25-65

CUSTOMER LOCATION TEST FOR CHARLES G. HEYNE & COMPANY LOCATION OF WELL NEW RICE HOTEL LAUNDRY, HOUSTON SURVEY FIELD COUNTY HARRIS STATE TEXAS DESCRIPTION OF LAND MARKS				WELL DATA NAME WELL WELL NO. 1 ELEVATION DATUM WELL SIZE 18x12-3/4 7" X TOTAL DEPTH 1085' TOP SCREEN 810' GRAVEL WELL YES STRAIGHT WELL TYPE SCREEN S.S. W.W. GAGE .045" TEMPERATURE OF WATER WATER CONDITION				
WATER MEASURING DEVICE ORIFICE SIZE 6"x5" LENGTH OTHER				TEST PUMP DATA DEPTH SETTING TOP OF BOWL 400' LENGTH AIR LINE 400' SIZE 1/4" TYPE BOWL NO. STAGES 13 LENGTH BOWL SUCTION LT.				
SAND CONTENT OZ. PER 100 GAL. ACTIVE STATIC HEAD AFTER PUMP STOPPED 5 MIN. 304 FT. 20 MIN. 304 FT. 10 MIN. 304 FT. 25 MIN. 302 FT. 15 MIN. 304 FT. 30 MIN. 302 FT. S.L. BEFORE START OF TEST 300 FT.		WATER SAMPLE TAKEN NO. SAMPLES BACTERIOLOGICAL SAMPLE TAKEN DRAWDOWN SPECIFIC CAPACITY						
DATE HOUR	AIR LINE GAGE	PUMPING LEVEL	DISCH. PRESS.	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
1/22/65								
12:00 N				16 1/2	503			
1:00 PM	60	340		16 1/2	503			
2:00	55	345		16 1/2	503			
3:00	55	345		16 1/2	503			
4:00	54	346		16 1/2	503			
5:00	54	346		16 1/2	503			
6:00	58	342		13 3/4	457			CUT TO 457 G.P.M.
7:00	58	342		13 3/4	457			
8:00	58	342		13 3/4	457			
9:00	58	342		13 3/4	457			
10:00	58	342		13 3/4	457			
11:00	58	342		13 3/4	457			
12:00 N	58	342		13 3/4	457			
1:00 AM	58	342		13 3/4	457		1/23/65	
2:00	56	344		13 3/4	457			
3:00	56	344		13 3/4	457			
4:00	56	344		13 3/4	457			
5:00	56	344		13 3/4	457			
6:00	56	344		13 3/4	457			
7:00	56	344		13 3/4	457			
8:00	56	344		13 3/4	457			
9:00	56	344		13 3/4	457			
10:00	56	344		13 3/4	457			
11:00	56	344		13 3/4	457			
12:00 N	56	344		13 3/4	457			

OBSERVERS
C. E. COCK, JR.
FOR OWNER

E. W. DAVIS
FOR LAYNE TEXAS CO.

*Attach
65-14-820*

FORM NO. 25



www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

WATER UTILITY DATABASE (WUD)

MAP ID# 172 Distance from Property: 3.05 mi. NNE

PWSID: 1010013
SOURCE ID: G1010013ND
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1940
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.329719540
LATITUDE: 29.799444200

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 172 Distance from Property: 3.05 mi. NNE

PWSID: 1010013
SOURCE ID: G1010013NC
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 07/00/1948
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.329719540
LATITUDE: 29.799444200

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 173 Distance from Property: 3.06 mi. NNE

STATE ID: 65-14-507
OWNER'S NAME: CITY OF HOUSTON KASHMERE GARDENS
DATE DRILLED: 00/00/1940
DEPTH DRILLED: 544'
WATER USAGE: UNUSED
LONGITUDE: -95.330370000
LATITUDE: 29.800030000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514507/6514507.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-507

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 14 507 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 47 58 Longitude - 95 19 47 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston Driller - McMasters & Pomeroy
Kashmere Gardens

Address _____ Tenant/Oper. _____
Date Drilled - / /1940 Depth - 544 ft. Source of Depth - R Altitude - 48 ft. Source of Alt. - M
Aquifer - 112CHCTL CHICOT AQUIFER, LOWER Well Type - W User - 396200

WELL Const. Casing
CONSTRUCTION Method - _____ Material - _____ | Casing or Blank Pipe (C)
Screen | Well Screen or Slotted Zone (S)
Completion - _____ Material - _____ | Open Hole (O)
Cemented from _____ to _____

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages _____ | Diam. Setting(feet)
(in.) From To

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - _____ Horsepower - _____

YIELD Flow- _____ GPM Pump- _____ GPM Meas., Rept., Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM

Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft

QUALITY (Remarks- _____)

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILABLE Water Levels- N Quality- N Logs- _____ Other Data- _____

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CHCTL
Well No. - 65 14 507

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 173 Distance from Property: 3.06 mi. NNE

STATE ID: **65-14-501**
OWNER'S NAME: **CITY OF HOUSTON KASHMERE GARDENS**
DATE DRILLED: **07/00/1948**
DEPTH DRILLED: **1035'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.330370000**
LATITUDE: **29.800030000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514501/6514501.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-501

TEXAS WATER DEVELOPMENT BOARD WELL SCHEDULE

State Well Number - 65 14 501 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 47 58 Longitude - 95 19 47 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston Driller - Texas Water Wells
Kashmere Gardens

Address _____ Tenant/Oper. _____
Date Drilled - 07/ /1948 Depth - 1,035 ft. Source of Depth - D Altitude - 48 ft. Source of Alt. - H
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - 396200

WELL Const. _____ Casing _____
CONSTRUCTION Method - _____ Material - _____ | Casing or Blank Pipe (C)
Screen _____ | Well Screen or Slotted Zone (

Completion - _____ Material - _____ | Open Hole (O)
LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages _____ | Cemented from _____ to _____
Diam. _____ Setting(feet) _____
(in.) From To

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in. |
Motor Mfr. - _____ Fuel or Power - _____ Horsepower - _____ |

YIELD Flow- _____ GPM Pump- _____ GPM Meas., Rept., Est- _____ Date- _____ |
PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM |

Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap. - _____ GPM/ft |
QUALITY (Remarks- _____ |

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____ |
OTHER DATA AVAILABLE Water Levels- N Quality- N Logs- Other Data- |

WATER LEVELS Date- / / Measurement- _____ |
Date- / / Measurement- _____ |

Recorded By _____ Date Record Collected or Updated- / / |

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS - _____

Aquifer - 121EVGL
Well No. - 65 14 501



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 174 Distance from Property: 3.07 mi. WSW

STATE ID: 65-21-312
OWNER'S NAME: AMERICAN SERVICE CO.
DATE DRILLED: 00/00/1937
DEPTH DRILLED: 584'
WATER USAGE: PLUGGED OR DESTROYED
LONGITUDE: -95.400700000
LATITUDE: 29.743190000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521312/6521312.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-21-312

Texas Water Development Board Well Schedule

State Well Number 6521312 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294433 Longitude 952401 Source of Coords 1

Owner's Well No. _____ Location _____
Owner American Service Co. Driller McMasters and Pomeroy

Address _____ Tenant/Oper. _____

Date Drilled / /1937 Depth 584 Source of Depth Altitude 56 Source of Alt.
Well Type W User

WELL CONSTRUCTION Const-Method Completion Casing Material Blank Screen Material Blank
Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - NONE No. Stages _____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - blank Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - UNUSED Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - M Quality - Y Logs - Other Data -

WATER LEVELS 2 measurements
1938 to 1948
MIN -117.6 MAX -71.6

Recorded By _____ Date Record Collected or Updated - / /
Reporting Agency

REMARKS -
110 ft of screen between 334 and 584 ft. Reported yield 300 gpm with 54 ft drawdown Nov.8,1938. Well destroyed. Well 2.

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER,LOWER

Thursday, November 30, 2006

Well Number - 6521312



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 175 Distance from Property: 3.07 mi. ESE

STATE ID: 65-22-215

OWNER'S NAME: MARSHALL ICE CO.

DATE DRILLED: 00/00/1928

DEPTH DRILLED: 508'

WATER USAGE: UNUSED

LONGITUDE: -95.304586000

LATITUDE: 29.745209000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522215/6522215.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-22-215

TEXAS WATER DEVELOPMENT BOARD WELL SCHEDULE

State Well Number - 65 22 215 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 44 40 Longitude - 95 18 14 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____
Owner - Marshall Ice Co. Driller - McMasters & Pomeroy

Address _____ Tenant/Oper. _____
 Date Drilled - / /1928 Depth - 508 ft. Source of Depth - D Altitude - 42 ft. Source of Alt. - M
 Aquifer - 112CHCTL CHICOT AQUIFER, LOWER Well Type - W User -
WELL CONSTRUCTION
 Const. Method - _____ Casing Material - _____ | Casing or Blank Pipe (C)
 Method - _____ Screen Material - _____ | Well Screen or Slotted Zone (S)
 Completion - _____ | Open Hole (O)
 | Cemented from _____ to _____
LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages _____ | Diam. Setting(feet)
 | (in.) From To
 Bwls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in. |
 Motor Mfr. - _____ Fuel or Power - _____ Horsepower - _____ |
 YIELD Flow- _____ GPM Pump- _____ GPM Meas., Rept., Est- _____ Date- _____ |
PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM |
 Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft |
QUALITY (Remarks- _____ |
WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____ |
OTHER DATA AVAILABLE Water Levels- N Quality- N Logs- _____ Other Data- _____ |
WATER LEVELS Date- / / Measurement- _____ |
 Date- / / Measurement- _____ |
 Recorded By _____ Date Record Collected or Updated- / / |
 Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
 REMARKS - _____

Aquifer - 112CHCTL
Well No. - 65 22 215



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WATER UTILITY DATABASE (WUD)

MAP ID# 176 Distance from Property: 3.10 mi. SSW

PWSID: 1010013
SOURCE ID: G1010013HU
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 07/24/1935
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.376663210
LATITUDE: 29.719999310

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 177 Distance from Property: 3.12 mi. NE

WELL ID: **1967**
OWNERS NAME: **SOUTHERN PACIFIC TRANS. CO.**
YEAR DRILLED: **1981**
DEPTH DRILLED: **1200'**
STATIC LEVEL: **999'**
WATER USAGE: **INDUSTRIAL**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.312236000**
LATITUDE: **29.788457000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 177 Distance from Property: 3.12 mi. NE

STATE ID: **65-14-801**
OWNER'S NAME: **SOUGHERN PACIFIC RAILROAD**
DATE DRILLED: **00/00/1954**
DEPTH DRILLED: **1206'**
WATER USAGE: **INDUSTRIAL**
LONGITUDE: **-95.312242000**
LATITUDE: **29.788460000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514801/6514801.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 177 Distance from Property: 3.12 mi. NE

STATE ID: 65-14-802
OWNER'S NAME: SOUTHERN PACIFIC RAILROAD
DATE DRILLED: 00/00/1954
DEPTH DRILLED: 1201'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.312236000
LATITUDE: 29.788457000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514802/6514802.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-802

TEXAS WATER DEVELOPMENT BOARD WELL SCHEDULE

State Well Number - 65 14 802 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 46 15 Longitude - 95 18 45 Source of Coords - 5

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Southern Pacific Railroad Driller - Texas Water Wells

Address _____ Tenant/Oper. _____

Date Drilled - / /1954 Depth - 1,201 ft. Source of Depth - Altitude - 50 ft. Source of Alt. -
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User -

WELL Const. _____ Casing Material - _____ | Casing or Blank Pipe (C)
CONSTRUCTION Method - _____ Screen _____ | Well Screen or Slotted Zone ()
Completion - _____ Material - _____ | Open Hole (O)

LIFT DATA - Pump Mfr. _____ Type - TURBINE PUMP No. Stages _____ | Cemented from _____ to _____
Diam. Setting(feet)
(in.) From To

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas., Rept., Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM

Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft

QUALITY (Remarks- _____)

WATER USE Primary- INDUSTRIAL Secondary- _____ Tertiary- _____

OTHER DATA AVAILABLE Water Levels- M Quality- Y Logs- Other Data-

WATER LEVELS Date- 10/08/1970 Measurement- -338.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency -

REMARKS -
90 ft of screen between 1070 and
1200 ft. Supplies Englewood Yards.
WELL 2.

Aquifer - 121EVGL
Well No. - 65 14 802



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 177 Distance from Property: 3.12 mi. NE

STATE ID: **65-14-814**
OWNER'S NAME: **SOUTHEN PACIFIC RAILROAD**
DATE DRILLED: **00/00/1941**
DEPTH DRILLED: **919'**
WATER USAGE: **PLUGGED OR DESTROYED**
LONGITUDE: **-95.312242000**
LATITUDE: **29.788460000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514814/6514814.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-814

TEXAS WATER DEVELOPMENT BOARD WELL SCHEDULE

State Well Number - 65 14 814 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 46 15 Longitude - 95 18 45 Source of Coords - 5

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Southen Pacific Railroad Driller - Layne Texas

Address _____ Tenant/Oper. _____

Date Drilled - / /1941 Depth - 919 ft. Source of Depth - Altitude - 50 ft. Source of Alt. -
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User -

WELL Const. _____ Casing Material - _____ | Casing or Blank Pipe (C)
CONSTRUCTION Method - _____ Screen _____ | Well Screen or Slotted Zone (S)
Completion - _____ Material - _____ | Open Hole (O)

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages _____ | Cemented from _____ to _____
Diam. Setting(feet) (in.) From To

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in. |
Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas., Rept., Est- _____ Date- _____ |
PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM |

Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft |

QUALITY (Remarks- _____ |
WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____ |

OTHER DATA AVAILAIBLE Water Levels- M Quality- Y Logs- Other Data- |

WATER LEVELS Date- 04/08/1941 Measurement- -110.00 |
Date- / / Measurement- |

Recorded By _____ Date Record Collected or Updated- / / |

Reporting Agency -
REMARKS -
123 ft of screen between 561 and
898 ft. Formerly supplied Englewood
Yard. Well destroyed.

Aquifer - 121EVGL
Well No. - 65 14 814

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 177 Distance from Property: 3.12 mi. NE

ID NUMBER: TX205382
STATE ID : 65-14-8C
OWNER NAME: SOUTHERN PACIFIC TRANSPORTATION CO
DATE DRILLED: 1978
DEPTH DRILLED: 1206'
STATIC LEVEL: NOT REPORTED
WATER USAGE: INDUSTRIAL/PLUGGED
LONGITUDE: -95.312236000
LATITUDE: 29.788457000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205382

State 5/16

CN 9

File original with Texas Water Development Board, P. O. Box 12386, Austin, Texas 78711

State of Texas
WATER WELL
COMPLETION AND PLUGGING REPORT

For TWDB use only
Well No. 65-14-80
Form GW-7 received 1/25
Form GW-8 received 1/25

1) Well Owner: Southern Pacific Transportation Co SPN Wellville Rd. Houston, Texas
Name Street or RFD City State

2) Landowner: Southern
Name Street or RFD City State

3) Intended Use: Industrial ; Municipal ; Irrigation ; Domestic ; Stock ; Other _____

4) Location of Well: County Harris Labor _____ League _____ Abstract No. _____
NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section _____ Block No. _____ Survey _____
(Circle as many as known) See attached map Well N. 65-14-101 (?)
_____ miles in (NE, SW, etc.) direction from _____ Town _____ Use reverse side to sketch map of well location showing distances from adjacent section or survey lines, or to landmarks, roads, and creeks.

COMPLETION AND PLUGGING DATA

5) Driller Texas Well Well Registration Number _____ Address Houston

6) Party Completing or Plugging Well Wayne Texas Co Registration Number 21 Address 6060 Highway 100

7) Drilled _____ 19____; Dug ; Cable Tool ; Rotary ; Other _____ Owners Well Number 113

8) Diameter of Hole 10 inches, from 0 to ? feet, and 6 inches, from 1070 to 1206 feet; Total depth 1206 feet.

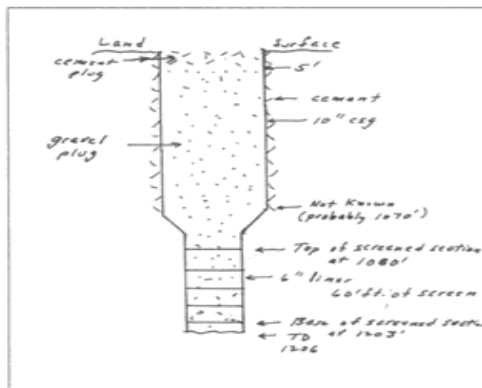
9) Casing and Cement:

Diameter (inches)	Set in Well		Left in Well		Cement Baskets or Packers, Depth (feet)	Cement	
	From (feet)	To (feet)	From (feet)	To (feet)		From (feet)	To (feet)
10	0	1070(?)	0	1070(?)			
6	1070(?)	1206	1070(?)	1206			

10) Well Log: All measurements made from _____ feet above ground level.

11) Sketch Of Well: Show method of completion and/or plugging including all casing and cemented intervals.

From (ft.)	To (ft.)	Description and color of formation material
		Not available



12) Fresh Water-Bearing Zone(s): Depth in feet to top of Fresh water well, Thickness _____ feet.

13) Undesirable Water-Bearing Zone(s): Depth in feet to top of None, Thickness _____ feet.

14) Static Water Level(s) _____ feet below land surface. Was the water level measured after penetrating the first water-bearing zone , or after drilling to total depth ? Check applicable box(es).

15) Describe in detail the type, volume and manner of placement of all cement. Indicate depth to top of cement behind each casing string. Describe and give percent of all cement additives: Well plugged with 10 yds of gravel. Then plugged with 10 sacks of cement

16) Was undesirable water exclusion or retention or plugging program checked for adequacy? None
If so describe method(s) used _____

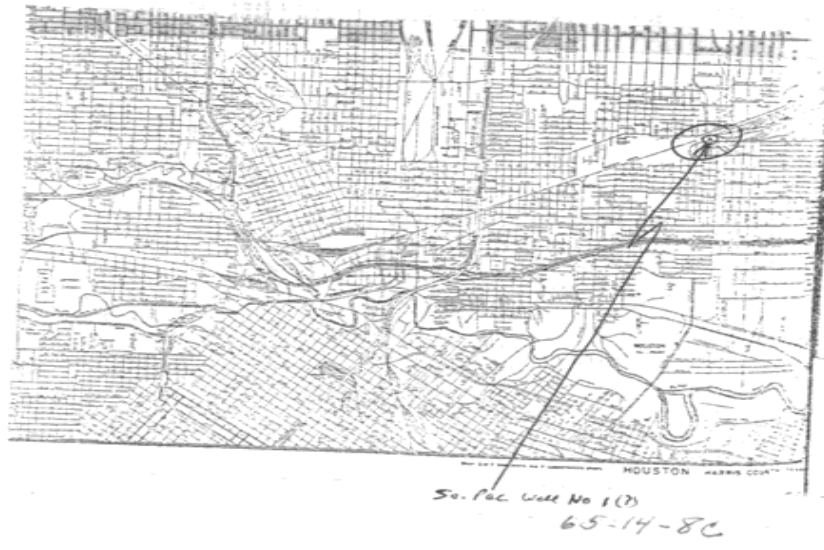
17) Attach electrical, gamma ray or other mechanical log(s), water analyses, and other pertinent data if available: _____

VALIDATION

18) We, the party performing the undesirable water exclusion retention plugging (Check applicable box) operations, _____, and the landowner or party having well drilled, deepened or otherwise altered, _____, certify that the undesirable water exclusion or retention or plugging operation _____ were performed in the manner described above.

LELAND LAWSON Reg. N. 21 Leland Lawson
WAYNE TEXAS CO

Page # 2 out of 2
Water Well ID: 205382



RECEIVED
MAY 10 1978
DEPT. OF
WATER RESOURCES

RECEIVED
MAY 10 1978
DEPT. OF
WATER RESOURCES

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 177 Distance from Property: 3.12 mi. NE

ID NUMBER: TX205383
STATE ID : 65-14-8C
OWNER NAME: SOUTHERN PACIFIC TRANSPORTATION CO
DATE DRILLED: 1979
DEPTH DRILLED: 1201'
STATIC LEVEL: NOT REPORTED
WATER USAGE: INDUSTRIAL/PLUGGED
LONGITUDE: -95.312236000
LATITUDE: 29.788457000

3 PAGE(S) OF DRILLERS' LOGS



Layne Texas Company

Box 9469, Houston, Texas 77011 • (713) 928-5741

March 28, 1979

Mr. James L. Dyess, Jr.
Water Well Drillers' Section
Texas Dept. of Water Resources
P. O. Box 13087, Capitol Station
Austin, Texas 78711

Dear Mr. Dyess;

Enclosed please find report on plugging of the following wells:

<u>WELL</u>	<u>COUNTY</u>
Southern Pacific Transportation Co., Well No. 2	Harris

Sincerely,


John F. Waldron
Hydrologist

LAYNE TEXAS COMPANY

JFW/ns

Enclosure

RECEIVED

MAR 29 1979

DEPT. OF
WATER RESOURCES

*Boyer
6-5-14-80*

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 3
Water Well ID: 205383

State
Dup

File original with Texas Water Development Board P. O. Box 13087 Austin, Texas 78711	State of Texas WATER WELL COMPLETION AND PLUGGING REPORT	For TCEQ use only Well No. <u>65-14-8C</u> Form GW 53 received <u>1/27/88</u> Form GW 54 received <u>1/27/88</u>
---	--	---

1) Well Owner: Southern Pacific Transportation Co SPW Wellville Rd Houston Texas
 2) Landowner: Name Jam Street or RFD _____ City _____ State _____
 3) Intended Use: Industrial ; Municipal ; Irrigation ; Domestic ; Stock ; Other _____
 4) Location of Well: County Harris Labor _____ League _____ Abstract No. _____
 NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section _____ Block No. _____ Survey _____
 (Circle as many as known) See attached map U161 No. 65-14-802
 _____ miles in _____ direction from _____ Town _____ Use reverse side to sketch map of well location showing distances from adjacent section or survey lines, or to landmarks, roads, and creeks.

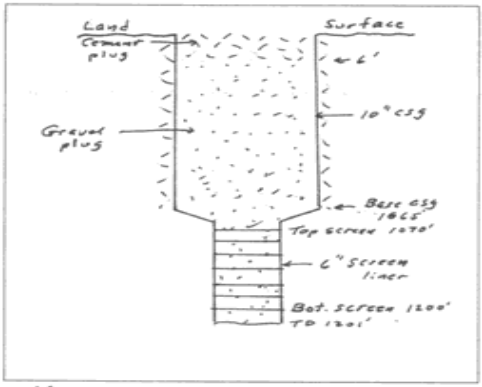
COMPLETION AND PLUGGING DATA

5) Driller: Texas Water Wells Registration Number _____ Address Houston Texas
 6) Party Completing or Plugging Well: Logan Texas Co Registration Number 28 Address P.O. Box 8445 Houston Texas 77011
 7) Drilled 3/1/79 1988; Dug ; Cable Tool ; Rotary ; Other _____ Owners Well Number 2
 8) Diameter of Hole 10 inches, from 0 to 106 feet, and 6 inches, from 106 to 1201 feet; Total depth 1201 feet.
 9) Casing and Cement:

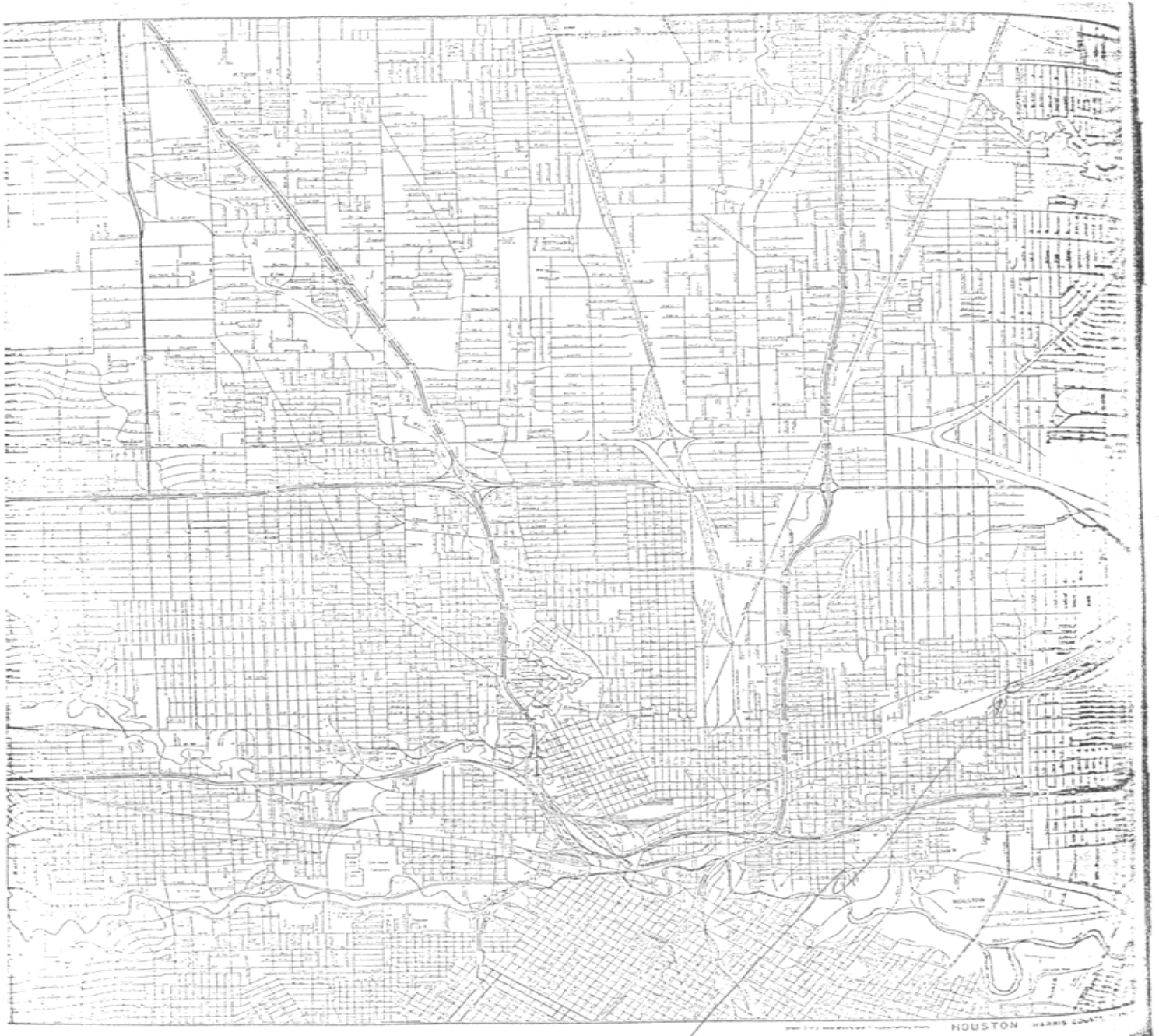
Diameter (inches)	Set in Well		Left in Well		Cement Baskets or Packers, Depth (feet)	Cement	
	From (feet)	To (feet)	From (feet)	To (feet)		From (feet)	To (feet)
10	0	106	0	106			
6	106	1201	106	1201			

10) Well Log: All measurements made from _____ feet above ground level. 11) Sketch Of Well: Show method of completion and plugging including all casing and cemented intervals.

From (ft.)	To (ft.)	Description and color of formation material
		None available



12) Fresh Water-Bearing Zone(s): Depth in feet to top of Fresh Water Well thickness _____ feet.
 13) Undesirable Water-Bearing Zone(s): Depth in feet to top of None, Thickness _____ feet.
 14) Static Water Level(s): _____ feet below land surface. Was the water level measured after penetrating the first water-bearing zone , or after drilling to total depth ? Check applicable box(es).
 15) Describe in detail the type, volume and manner of placement of all cement. Indicate depth to top of cement behind each casing string. Describe and give percent of all cement additives: Well plugged with 17 yds of gravel
Top plugged with 12 SKS of cement
 16) Was undesirable water exclusion or retention or plugging program checked for adequacy? None
 If so describe method(s) used: _____
 17) Attach electrical, gamma ray or other mechanical log(s), water analyses, and other pertinent data if available.
 18) We, the party performing the undesirable water exclusion retention plugging (Check applicable box) operations, _____ and the landowner or party having well drilled, deepened or otherwise altered, _____ certify that the undesirable water exclusion or retention or plugging operations were performed in the manner described above.
Richard Lawson
 RICHARD LAWSON REG No. 28
 TWDSE-GW55



Sou. Pub. Well No. 2

*Page
65-11-20*

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 177 Distance from Property: 3.12 mi. NE

WELL ID: **1968**
OWNERS NAME: **SOUTHERN PACIFIC TRANS. CO.**
YEAR DRILLED: **1954**
DEPTH DRILLED: **1200'**
STATIC LEVEL: **999'**
WATER USAGE: **INDUSTRIAL**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.312236000**
LATITUDE: **29.788457000**
SOURCE: **HGSD**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 178 Distance from Property: 3.13 mi. E

WELL ID: **1990**
OWNERS NAME: **9W HALO OPCO L.P.**
YEAR DRILLED: **1965**
DEPTH DRILLED: **1085'**
STATIC LEVEL: **810'**
WATER USAGE: **INDUSTRIAL**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.300614000**
LATITUDE: **29.761292000**
SOURCE: **HGSD**



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WATER UTILITY DATABASE (WUD)

MAP ID# 179 Distance from Property: 3.14 mi. SW

PWSID: 1010013
SOURCE ID: G1010013HW
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1962
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.382225040
LATITUDE: 29.722221370

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 180 Distance from Property: 3.15 mi. SW

PWSID: 1010013
SOURCE ID: G1010013HQ
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1917
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.383888240
LATITUDE: 29.723054890

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 181 Distance from Property: 3.15 mi. N

ID NUMBER: TX205392
STATE ID : 65-14-4J
OWNER NAME: C.G. VAUGHN
DATE DRILLED: 04/12/1985
DEPTH DRILLED: 292'
STATIC LEVEL: 180'
WATER USAGE: DOMESTIC
LONGITUDE: -95.345374000
LATITUDE: 29.805405000

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205392

State of Texas
WATER WELL REPORT
Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER: C. H. Vaughn Address: 5025 Madra Hunter Trl
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County: Harris miles in _____ direction from _____
(N. E., S. W., etc.) (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map. Not attached

<p>3) TYPE OF WORK (Check):</p> <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging	<p>4) PROPOSED USE (Check):</p> <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Public Supply <input type="checkbox"/> Irrigation <input type="checkbox"/> Test Well <input type="checkbox"/> Other	<p>5) DRILLING METHOD (Check):</p> <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Air Hammer <input type="checkbox"/> Driven <input type="checkbox"/> Bored <input type="checkbox"/> Air Rotary <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other
--	--	--

6) WELL LOG:

Date drilled	DIAMETER OF HOLE		
	Dia. (in.)	From (ft.)	To (ft.)
<u>4-12-85</u>	<u>6 3/4</u>	<u>0</u>	<u>392</u>

7) BOREHOLE COMPLETION:
 Open Hole Straight Well Underreamed
 Gravel Packed Other 2 string
 If Gravel Packed give interval ... from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
						From	To	
<u>0</u>	<u>168</u>	<u>TS + clay</u>	<u>4 1/2</u>	<u>N</u>	<u>PVC well casing</u>	<u>0</u>	<u>280</u>	
<u>168</u>	<u>193</u>	<u>Sand</u>	<u>4 1/2</u>	<u>N</u>	<u>" "</u>	<u>280</u>	<u>292</u>	
<u>193</u>	<u>225</u>	<u>clay</u>						
<u>225</u>	<u>392</u>	<u>Sand 12-14</u>						

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

CEMENTING DATA
 Cemented from _____ ft. to 280 ft.
 Method used: Pressure
 Cemented by: stand otto (Company or Individual)

9) WATER LEVEL:
 Static level: 180 ft. below land surface Date: 4-13-85
 Artesian flow: _____ gpm. Date: _____

10) PACKERS: Type Depth
4x2 1/2 K-Packer 275

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(Use reverse side if necessary)

11) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other
 Depth to pump bowls, cylinder, jet, etc.: 235 ft.

12) WELL TESTS:
 Type Test Pump Bailor Jetted Estimated
 Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME: Alk Upgrade W. Well Water Well Driller's License No. 1929
(Type or Print)

ADDRESS: 25330 Richard Rd Spring Tex 77386
(Street or RFD) (City) (State) (Zip)

(Signed) OK Billing (Signed) _____
(Licensed Water Well Driller) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TOWR use only
Well No. 205392-41
Located on map yes C.F.S.

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 182 Distance from Property: 3.15 mi. NNE

WELL ID: 2334
OWNERS NAME: FREEDMAN BROTHERS PACKING CO.
YEAR DRILLED: 1972
DEPTH DRILLED: 511'
STATIC LEVEL: 360'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.341926000
LATITUDE: 29.804876000
SOURCE: HGSD



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 183 Distance from Property: 3.15 mi. S

ID NUMBER: TX205390
STATE ID : 65-22-1F
OWNER NAME: T & L DRILLING
DATE DRILLED: 01/06/1983
DEPTH DRILLED: 361'
STATIC LEVEL: 180'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.358957000
LATITUDE: 29.714667000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205390

Send original copy by certified mail to the Texas Department of Water Resources, P. O. Box 13087, Austin, Texas 78711		State of Texas WATER WELL REPORT		For TDWR use only Well No. <u>65-22-1F</u> Located on map <u>YES</u> Received: <u>C.E.S.</u>	
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side					
1) OWNER <u>T & L Drilling</u>		Address <u>P. O. Box 1889</u> <u>Conroe TX 77305</u>			
2) LOCATION OF WELL: County <u>Harris</u> 5 miles in <u>NE</u> direction from <u>Houston</u>					
Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.					
RE: <u>Dussen Park #1</u> <input checked="" type="checkbox"/> See attached map. <u>map 65-29-34</u>					
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Domestic <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Public Supply <input type="checkbox"/> Irrigation <input type="checkbox"/> Test Well <input type="checkbox"/> Other		5) DRILLING METHOD (Check): <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Air Hammer <input type="checkbox"/> Driven <input type="checkbox"/> Bored <input type="checkbox"/> Air Rotary <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other	
6) WELL LOG:		DIAMETER OF HOLE		7) BOREHOLE COMPLETION:	
Date drilled <u>1-6-83</u>		Dia. (in.) From (ft.) To (ft.)		<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input type="checkbox"/> Other	
		<u>6 3/4</u> Surface <u>361</u>		If Gravel Packed give interval ... from _____ ft. to _____ ft.	
From (ft.) To (ft.) Description and color of formation material		8) CASING, BLANK PIPE, AND WELL SCREEN DATA:			
		Dia. (in.) New or Used Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial		Setting (ft.) Gage Casing Screen	
				From To	
<u>0</u> <u>3</u> <u>top soil</u>					
<u>3</u> <u>15</u> <u>clay</u>					
<u>15</u> <u>37</u> <u>sand</u>					
<u>37</u> <u>149</u> <u>clay</u>		<u>4</u> <u>N</u> <u>PVC</u>		<u>0</u> <u>340</u> <u>40</u>	
<u>149</u> <u>210</u> <u>sand</u>		<u>2 1/2</u> <u>N</u> <u>Everflo</u>		<u>341</u> <u>361</u> <u>20</u>	
<u>210</u> <u>238</u> <u>clay</u>		<u>2 1/2</u> <u>N</u> <u>PVC Liner</u>		<u>331</u> <u>341</u> <u>80</u>	
<u>238</u> <u>284</u> <u>sand</u>					
<u>284</u> <u>343</u> <u>clay</u>					
<u>343</u> <u>361</u> <u>sand</u>					
CEMENTING DATA					
Cemented from <u>20 sacks</u> ft. to _____ ft.					
Method used <u>pressure</u>					
Cemented by <u>O'Day Drilling Co., Inc.</u> <small>(Company or Individual)</small>					
9) WATER LEVEL:					
Static level <u>180</u> ft. below land surface Date _____					
Artesian flow _____ gpm. Date _____					
10) PACKERS: Type Depth					
11) TYPE PUMP:					
<input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/> Cylinder					
<input checked="" type="checkbox"/> Other <u>airline</u>					
Depth to pump bowls, cylinder, jet, etc., <u>330</u> ft.					
12) WELL TESTS:					
<input type="checkbox"/> Type Test <input type="checkbox"/> Pump <input type="checkbox"/> Bailor <input checked="" type="checkbox"/> Estimated					
Yield: <u>60</u> gpm with _____ ft. drawdown after _____ hrs.					
13) WATER QUALITY:					
Did you knowingly penetrate any strata which contained undesirable water? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
If yes, submit "REPORT OF UNDESIRABLE WATER"					
Type of water? _____ Depth of strata _____					
Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.					
NAME <u>Orlen O'Day</u>		Water Well Drillers Registration No. <u>786</u>			
ADDRESS <u>P. O. Box 162</u>		Pearland		Texas <u>77581</u>	
(Signed) <u>Orlen O'Day</u>		O'Day Drilling Co., Inc.			
Please attach electric log, chemical analysis, and other pertinent information, if available.					

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FDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 184 Distance from Property: 3.16 mi. W

ID NUMBER: TX187797
STATE ID : 65-13-9J
OWNER NAME: H.L.& P
DATE DRILLED: 10/26/1983
DEPTH DRILLED: 570'
STATIC LEVEL: 230'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.406101000
LATITUDE: 29.760595000

2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 187797

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711		State of Texas WATER WELL REPORT		Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711	
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side					
1) OWNER <u>H.L.V.P.</u> (Name)		Address <u>P.O. Box 1700 Houston, TX 77001</u> (City) (State) (Zip)			
2) LOCATION OF WELL: County <u>HARRIS</u> (County)		direction from <u>Houston</u> (Town)			
Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.					
<input type="checkbox"/> Legal description: Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____ Distance and direction from two intersecting section or survey lines _____					
<input checked="" type="checkbox"/> See attached map. <u>125-30-200</u>					
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Domestic <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Public Supply <input type="checkbox"/> Irrigation <input type="checkbox"/> Test Well <input type="checkbox"/> Other		5) DRILLING METHOD (Check): <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Air Hammer <input type="checkbox"/> Driven <input type="checkbox"/> Bored <input type="checkbox"/> Air Rotary <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other	
3) WELL LOG: Date drilled <u>10-26-83</u>		DIAMETER OF HOLE Dia. (in.) From (ft.) To (ft.) <u>6 3/4</u> Surface <u>510</u>		7) BOREHOLE COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give interval . . . from _____ ft. to _____ ft.	
From (ft.) To (ft.) Description and color of formation material		8) CASING, BLANK PIPE, AND WELL SCREEN DATA:			
		Dia. (in.) New or Used Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial		Setting (ft.) Gage Casing Screen	
<u>0 - 3</u> <u>TOP SOIL</u>		<u>4 N</u> <u>BLV.</u>		<u>0</u> <u>470</u> <u>W/W</u>	
<u>3 - 146</u> <u>CLAY</u>		<u>8 1/2 N</u> <u>PVC</u>		<u>460</u> <u>490</u> <u>80</u>	
<u>146 - 156</u> <u>SAND</u>		<u>8 1/2 N</u> <u>EVERFLO</u>		<u>490 - 510</u> <u>12</u>	
<u>156 - 200</u> <u>CLAY</u>					
<u>200 - 220</u> <u>SAND</u>					
<u>220 - 245</u> <u>CLAY</u>					
<u>245 - 286</u> <u>SAND</u>					
<u>286 - 320</u> <u>CLAY</u>					
<u>320 - 348</u> <u>SAND</u>					
<u>348 - 493</u> <u>CLAY</u>					
<u>493 - 510</u> <u>SAND</u>					
CEMENTING DATA					
Cemented from <u>20 SACKS</u> to _____ ft.					
Method used <u>PRESSURE</u>					
Cemented by <u>O'DAY DRILLING CO., INC.</u> (Company or Individual)					
9) WATER LEVEL: Static level <u>230'</u> ft. below land surface Date <u>11-8-83</u> Artesian flow _____ gpm. Date _____					
10) PACKERS: Type Depth					
<div style="border: 2px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> RECEIVED AUG 16 1984 DEPT. OF WATER RESOURCES </div>					
11) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowls, cylinder, jet, etc., <u>273</u> ft.					
12) WELL TESTS: <input type="checkbox"/> Type Test <input type="checkbox"/> Pump <input type="checkbox"/> Bailor <input checked="" type="checkbox"/> Jetted <input type="checkbox"/> Estimated Yield: <u>30</u> gpm with _____ ft. drawdown after _____ hrs.					
13) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.					
COMPANY NAME <u>O'DAY DRILLING CO., INC.</u> (Type or Print)		Water Well Driller's License No. <u>186</u>			
ADDRESS <u>PO BOX 162</u> (Street or R.F.D.)		<u>PEARLAND, TX 77889</u> (City) (State) (Zip)			
Signed <u>O'Day</u> (Licensed Water Well Driller)		Signed _____ (Registered Driller Trainee)			
Please attach electric log, chemical analysis, and other pertinent information, if available.					
For TDWR use only: Well No. <u>125-1397</u> Located on map <u>4E00M</u>					
DWR 0392 (Rev. 5-27-82)		DEPARTMENT OF WATER RESOURCES COPY			

12

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 DEPT. OF WATER RESOURCES

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 187797



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 184 Distance from Property: 3.16 mi. W

ID NUMBER: TX187796
STATE ID : 65-13-9H
OWNER NAME: H.L.& P
DATE DRILLED: 11/02/1983
DEPTH DRILLED: 506'
STATIC LEVEL: 230'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.406094000
LATITUDE: 29.760599000

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 187796

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER H.L. & P. (Name) Address P.O. Box 1700 Houston, TX 77001 (City) (State) (Zip)

2) LOCATION OF WELL: County HARRIS (County) 0 miles in in direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map. 65-30-288

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging
 Domestic Industrial Public Supply Irrigation Test Well Other
 Mud Rotary Air Hammer Driven Bored Air Rotary Cable Tool Jetted Other

4) PROPOSED USE (Check):
 Domestic Industrial Public Supply Irrigation Test Well Other

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored Air Rotary Cable Tool Jetted Other

6) WELL LOG: Date drilled 11-2-83

From (ft.)	To (ft.)	Description and color of formation material	DIAMETER OF HOLE	
			Dia. (in.)	From (ft.) To (ft.)
		<u>TOP SOIL</u>		
<u>0</u>	<u>3</u>	<u>CLAY</u>		
<u>30</u>	<u>80</u>	<u>SAND</u>	<u>4 N</u>	
<u>80</u>	<u>130</u>	<u>CLAY</u>		
<u>130</u>	<u>190</u>	<u>SAND</u>	<u>2 1/2 N</u>	
<u>190</u>	<u>215</u>	<u>CLAY</u>		
<u>215</u>	<u>230</u>	<u>SAND</u>	<u>2 1/2 N</u>	
<u>230</u>	<u>240</u>	<u>CLAY</u>		
<u>240</u>	<u>264</u>	<u>SAND</u>		
<u>264</u>	<u>330</u>	<u>CLAY</u>		
<u>330</u>	<u>340</u>	<u>SAND</u>		
<u>340</u>	<u>360</u>	<u>CLAY</u>		
<u>360</u>	<u>395</u>	<u>SAND</u>		
<u>395</u>	<u>484</u>	<u>CLAY</u>		
<u>484</u>	<u>506</u>	<u>SAND</u>		

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
<u>4 N</u>		<u>GAU.</u>	<u>0</u>	<u>478</u>	<u>WW</u>
<u>2 1/2 N</u>		<u>GAU.</u>	<u>465</u>	<u>486</u>	<u>WW</u>
<u>2 1/2 N</u>		<u>STEEL</u>	<u>486</u>	<u>506</u>	<u>20</u>

CEMENTING DATA
 Cemented from 20 SACKS ft. to _____ ft.
 Method used PRESSURE
 Cemented by O'DAY DRILLING CO., INC. (Company or Individual)

9) WATER LEVEL:
 Static level 230 ft. below land surface Date 11-9-83
 Artesian flow _____ gpm. Date _____

10) PACKERS: Type _____ Depth _____

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DEPT. OF WATER RESOURCES

11) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other
 Depth to pump bowls, cylinder, jet, etc., 273 ft.

12) WELL TESTS:
 Type Test: Pump Bailer Jetted Estimated
 Yield: 20 gpm with _____ ft. drawdown after _____ hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME O'DAY DRILLING CO., INC. (Type or Print) Water Well Driller's License No. 786
 ADDRESS P.O. Box 162 PEARLAND, TX 77588 (Street or RFD) (City) (State) (Zip)
 (Signed) Dale O'Day (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 65-13-9H
Located on map 480MM

TDWR-0392 (Rev. 5-27-82)

DEPARTMENT OF WATER RESOURCES COPY



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 185 Distance from Property: 3.18 mi. SSE

STATE ID: 65-22-131

OWNER'S NAME: DIXON PACKING CO.

DATE DRILLED: NOT REPORTED

DEPTH DRILLED: 900'

WATER USAGE: INDUSTRIAL

LONGITUDE: -95.336010000

LATITUDE: 29.716320000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522131/6522131.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 186 Distance from Property: 3.20 mi. NNE

STATE ID: **65-14-405**
OWNER'S NAME: **CITY OF HOUSTON**
DATE DRILLED: **05/00/1949**
DEPTH DRILLED: **2080'**
WATER USAGE: **PLUGGED OR DESTROYED**
LONGITUDE: **-95.337670000**
LATITUDE: **29.804670000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514405/6514405.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 5
State ID: 65-14-405

WRD Exp. (GW)
April 1966

Well No. 65-14-405

WELL SCHEDULE
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by W.L. Mastel Source of data our files Date Aug 19 1949 Map Settegast 1955 1:24000

State Texas County (or town) Harris L.S. 48 Sequential number: 1

Latitude: 29° 48' 15" N Longitude: 09° 52' 01" W

Local well number: LJ-65-14-405 Other number: NORTH EAST #4

Local use: _____ Owner of name: CITY OF HOUSTON

Owner or name: CITY OF HOUSTON Address: _____

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist M

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P.S., Rec, Stock, Instic, Unused, Reprassura, Recharge, Desal-P S, Desal-other, Other P

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. W

DATA AVAILABLE: Well data Freq. W/L meas.: 1949: Semi Annual 3 Field aquifer char.

Hyd. lab. data: _____

Qual. water data: type: _____

Freq. sampling: 5-16-49 A Pumpage inventory: yes no, period: _____

Aperture cards: _____

Log data: E log U-23 E

WELL-DESCRIPTION CARD

SAME AS OR MASTER CARD Depth well: 2080 ft 2080 Meas. (first perf.) 1030 ft 1030 Casing type: S ; Diam. 24 1/2 in 24

Finish: porous concrete, gravel w. gravel, horiz. open parf., screen, sd. pt., shored, open hole, other G

Method drilled: air bored, cable, dug, hyd, jetted, air reverse, percussion, rotary, driven, drive wash, other H

Date drilled: May 1949 9:49 Pump intake setting: _____ ft 36

Driller: Texas Water Wells, Inc Houston, Tex.

Lift (type): air, bucket, cent, jet, multiple, none, piston, rot, submerg, other T Deep D Shallow 0

Power (type): diesel, gas, gasoline, hand, gas, wind; H.E. S Trans. or meter no. _____

Descrip. MF _____ ft above LSD, Alt. MF 54

Alt. LSD: 50 Accuracy: 5' topo map 3

Water Level: 182.32 ft 178 Accuracy: meas. A

Date meas: 5-16-49 5:49 Yield: 2400 gpm 2400 Method determined 1

Drawdown: 62 ft 62 Accuracy: vs 65 w/o 96 hrs 96

QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____

Sp. Conduct: _____ K x 10⁶ _____ Temp. _____ F _____

Taste, color, etc. _____

*PK 244.67
182.32
62.35*

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 5
State ID: 65-14-405

Well No. 2J-65-15-405

Latitude-longitude 29.48.15 N 95.20.17 W

HYDROGEOLOGIC CARD

1 SAME AS ON MASTER CARD 19 Physiographic Province: Coastal Plains 20 21 Section: _____

22 Drainage Basin: S.I.R. 23 Subbasin: _____

24 (D) depression, stream channel, dunes, (F) flat, hilltop, sink, swamp. (C) (K) (N) (L) well site: (G) (P) (S) (T) (U) (V) 27 F offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series T 28 29 aquifer, formation, group E 30 31

Lithology: _____ 32 Origin: _____ 33 Aquifer Thickness: _____ ft

34 Length of well open to: 405 ft 35 405 Depth to top of: _____ ft 36 37

MINOR AQUIFER: system _____ series _____ 38 39 aquifer, formation, group _____ 40 41

Lithology: _____ 42 Origin: _____ 43 Aquifer Thickness: _____ ft

44 Length of well open to: _____ ft 45 _____ Depth to top of: _____ ft 46 47

* Intervals Screened: 1030 - 2060 55 screen

Depth to consolidated rock: _____ ft 48 _____ Source of data: _____ 49

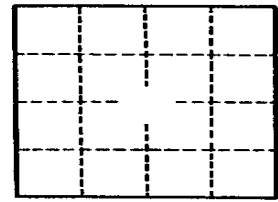
Depth to basement: _____ ft 50 _____ Source of data: _____ 51

Surficial material: _____ 52 Infiltration characteristics: _____ 53

Coefficient Trans: _____ gpd/ft 54 _____ Coefficient Storage: _____ 55

Coefficient Fern: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____ 56

- * Screen
- 1030-1080. 610' of 24" csg.
- 1100-1120.
- 1130-1160. 12" from 510 to 2080
- 1320-1345.
- 1395-1425.
- 1440-1480.
- 1695-1765.
- 1795-1815.
- 1895-1915.
- 1960-2060.



Well No.

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

020977

Latitude 29 48 15 Longitude 095 20 17 0.1 Seq. No. 01

County code 201 County HARRIS

Well # ~~65-14-405~~ LJ-65-14-405

Project number 7-4648-01000

Date 2-8-77 Time Temp °C 30.5

Owner CITY OF HOUSTON

Address NORTH EAST #4

Date drld 5-49 WBF code 121 EVGL

Sample interval: (top) 1030 (bottom) 2060

Water level Appr Clear Use PS

Collector Peters Yield GPM

Smpld aftr pmpg Depth 2080

Pt of coll Tap on discharge

Field: Cond pH HCO₃ DO

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	72004			
DO (mg/l)	00300			
DO % Sat.	00301			
Temp °C	00010	30.50	0.2	30.5
pH	00400	8.300	0.1	8.3
Specific conductance	00095	78.80	0.3	78.8
HCO ₃	00440	356.0	0.3	356
CO ₃	00445	0.000	0.1	0
Chloride (Cl)	00940	80.00	0.2	80
Sulfate (SO ₄)	00945	28.00	0.1	2.8
Color	00080			
Coliform, membrane filter	31501			
Coliform, fecal	31625			
Strep-tococci	31673			
BOD	00310			

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

std chem schedule

Other I

Herbicide Insecticide

Remarks:

Type 2 Station identification number 294815095201701

Y M D Time of measurement

Depth 72008 2080 04

Yield (GPM) 00059

Sample interval OP 72015 1030 04

Sample interval BOTTOM 72016 2060 04

Water level 72019

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 4 out of 5
State ID: 65-14-405

Latitude 29 48 15 Longitude 095 20 17 01 Seq. No. 01
 County code 20 County Harris
 Well # LT-65-14-405
 Project number 5-4618-0100
 Date 2-3-75 Time _____ Temp °C 30.0
 Owner City of Houston
 Address Northeast # 4
 Date drld 5-49 WBF code 121EVL
 Sample interval:(top) 1030 (bottom) 2060
 Water level _____ Appr _____ Use PS
 Collector Naftel Yield _____ GPM _____
 Smpld aftr pmpg on art. Depth 2080
 Pt of coll tap on pipe
 Field: Cond _____ pH _____ HCO₃ _____ DO _____

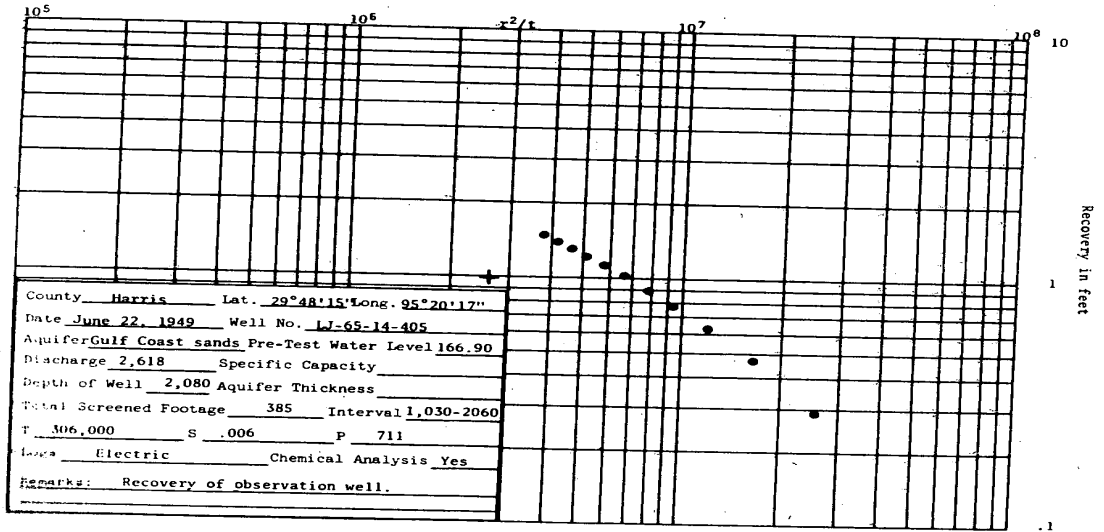
Indicate types of analyses
 Coliform _____ Phenols _____ Minors _____
 Nutrients _____ MBAS _____ BOD _____ TOC _____ DOC _____
 std chem schedule I + SO₄
 Other _____
 Herbicide _____ Insecticide _____
 Remarks:

Type _____ Station identification number 29 48 15 09 52 01 7 01
 Y M D _____ Time of measurement _____
 Begin _____ 22 _____ 29 _____ 32 _____
 Depth Parameter code 7 2 0 0 8 Value 2 0 8 0 Exp. 0 4 Rmk _____
 Yield (GPM) Parameter code 0 0 0 5 9 Value _____ Exp. _____ Rmk _____
 Sample interval TOP Parameter code 7 2 0 1 5 Value 1 0 3 0 Exp. 0 4 Rmk _____
 Sample interval BOTTOM Parameter code 7 2 0 1 6 Value 2 0 6 0 Exp. 0 4 Rmk _____
 Water level Parameter code 7 2 0 1 9 Value _____ Exp. _____ Rmk _____

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	<u>7 2 0 0 4</u>			
DO (mg/l)	<u>0 0 3 0 0</u>			
DO % Sat.	<u>0 0 3 0 1</u>			
Temp °C	<u>0 0 0 1 0</u>	<u>3 0 0 0</u>	<u>0 2</u>	<u>30.0</u>
pH	<u>0 0 4 0 0</u>	<u>7 8 0 0</u>	<u>0 1</u>	<u>7.8</u>
Specific conductance	<u>0 0 0 9 5</u>	<u>7 8 2 0</u>	<u>0 3</u>	<u>782</u>
HCO ₃	<u>0 0 4 4 0</u>	<u>3 4 8 0</u>	<u>0 3</u>	<u>348</u>
CO ₃	<u>0 0 4 4 5</u>	<u>0 0 0 0</u>	<u>0 1</u>	<u>0</u>
Chloride (Cl)	<u>0 0 9 4 0</u>	<u>7 9 0 0</u>	<u>0 2</u>	<u>79</u>
Sulfate (SO ₄)	<u>0 0 9 4 5</u>	<u>4 0 0 0</u>	<u>0 1</u>	<u>40</u>
Color	<u>0 0 0 8 0</u>			
Coliform, membrane filter	<u>3 1 5 0 1</u>			
Coliform, fecal	<u>3 1 6 1 6</u>			
Strep-tococci	<u>3 1 6 7 9</u>			
BOD	<u>0 0 3 1 0</u>			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 5 out of 5
 State ID: 65-14-405



- 232 -

WATER UTILITY DATABASE (WUD)

MAP ID# 186 Distance from Property: 3.20 mi. NNE

PWSID: 1010013
SOURCE ID: G1010013AI
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 05/00/1949
SCREEN BOTTOM: 2,060.00'
SCREEN TOP: 1,030.00'

GALLONS
PER MINUTE: 2,000
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.337745670
LATITUDE: 29.804645540

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 186 Distance from Property: 3.20 mi. NNE

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294815095201701**

STATION NAME: **LJ-65-14-405**

SITE TYPE: **GW**

LATITUDE: **29.804670000** LONGITUDE: **-95.337670000**

DATE DRILLED: **05/01/1949**

WELL DEPTH: **2080 feet**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 186 Distance from Property: 3.20 mi. NNE

WELL ID: **1085**
OWNERS NAME: **HOUSTON, CITY OF**
YEAR DRILLED: **1949**
DEPTH DRILLED: **2080'**
STATIC LEVEL: **735'**
WATER USAGE: **PUBLIC SUPPLY**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.337677000**
LATITUDE: **29.804701000**
SOURCE: **HGSD**



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 187 Distance from Property: 3.21 mi. SSW

ID NUMBER: TX206022
STATE ID : 65-21-3D
OWNER NAME: C.E. SWEIVEN
DATE DRILLED: 04/01/1965
DEPTH DRILLED: 197'
STATIC LEVEL: 98'
WATER USAGE: DOMESTIC
LONGITUDE: -95.379382000
LATITUDE: 29.719526000

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 206022

65-21-30

File original copy with Texas Water Commission, P. O. Box 12311, Capitol Station, Austin, Texas 78711

State of Texas
DRILLERS LOG AND WELL DATA REPORT

For use by TMC only
Well No. 65-21-30
Located on map 100
By JP Date 4/1/65
Map no. 100(2)

1) Well Owner: C. E. Sweiven P. O. Bx. 36409, Houston, Texas 77036

2) Land Owner: Same

3) Intended use: Industrial Municipal Irrigation Other Domestic

4) Location of well: County Harris Labor _____ League _____ Abstract No. _____

Sec. 10 Twp. 10 S. R. 10 E. of Section _____ Block No. _____ Survey _____

miles in _____ direction from _____

Well Located at Bissonett St. & Southwest Freeway, Houston, Tex.

Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 4" in. Date drilled 4/1/65

All measurements made from 0 ft. above ground level.

From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material
0	40	Surface & Red & White Clay			
40	42	Brocken Rock			
42	65	Red Sand & Galechi Breaks			
65	92	Hard Red Clay			
92	104	White Clay			
104	128	Red Clay			
128	149	White Clay			
149	176	Sand Powder, Shale Breaks			
176	197	Sand, Good			

(Use continuation sheets if necessary)

COMPLETION		CASING		SCREEN	
Straight wall <input checked="" type="checkbox"/>		Type: Old <input type="checkbox"/> New <input checked="" type="checkbox"/>		Type <u>LOP Stainless</u>	
Under reamed <input type="checkbox"/>		Cemented from <u>0</u> ft. to <u>177</u> ft.		Perforated <input type="checkbox"/> Slotted <input type="checkbox"/>	
Gravel packed <input type="checkbox"/>		Diameter (inches)		Diameter (inches)	
Open hole <input type="checkbox"/>		from (ft) Setting to (ft)		from (ft) Setting to (ft)	
Other _____		4" 0 177		2 1/2" 177 197	

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

Lowry Lowry Water Wells Reg. No. 116

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

WATER LEVEL AND PUMP DATA			
Static water level <u>98'</u> ft. below _____		Pump type <u>Electric</u>	
Pumping level		Designed pumping rate _____ gpm <input type="checkbox"/> gph <input type="checkbox"/>	
feet	hours	Type power unit <u>Jacuzzi Submersible</u>	
		Horsepower <u>2 HP</u>	
		Depth to bowls, cylinder, jet, etc., <u>150</u> ft. below pump base.	

Name of contractor testing well or installing permanent pump if other than your company: _____

C-34 (62-4)

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 188 Distance from Property: 3.21 mi. SSE

STATE ID: 65-22-216

OWNER'S NAME: H B & T RR #2

DATE DRILLED: 00/00/1941

DEPTH DRILLED: 860'

WATER USAGE: UNUSED

LONGITUDE: -95.327900000

LATITUDE: 29.718910000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522216/6522216.pdf>

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 189 Distance from Property: 3.23 mi. SW

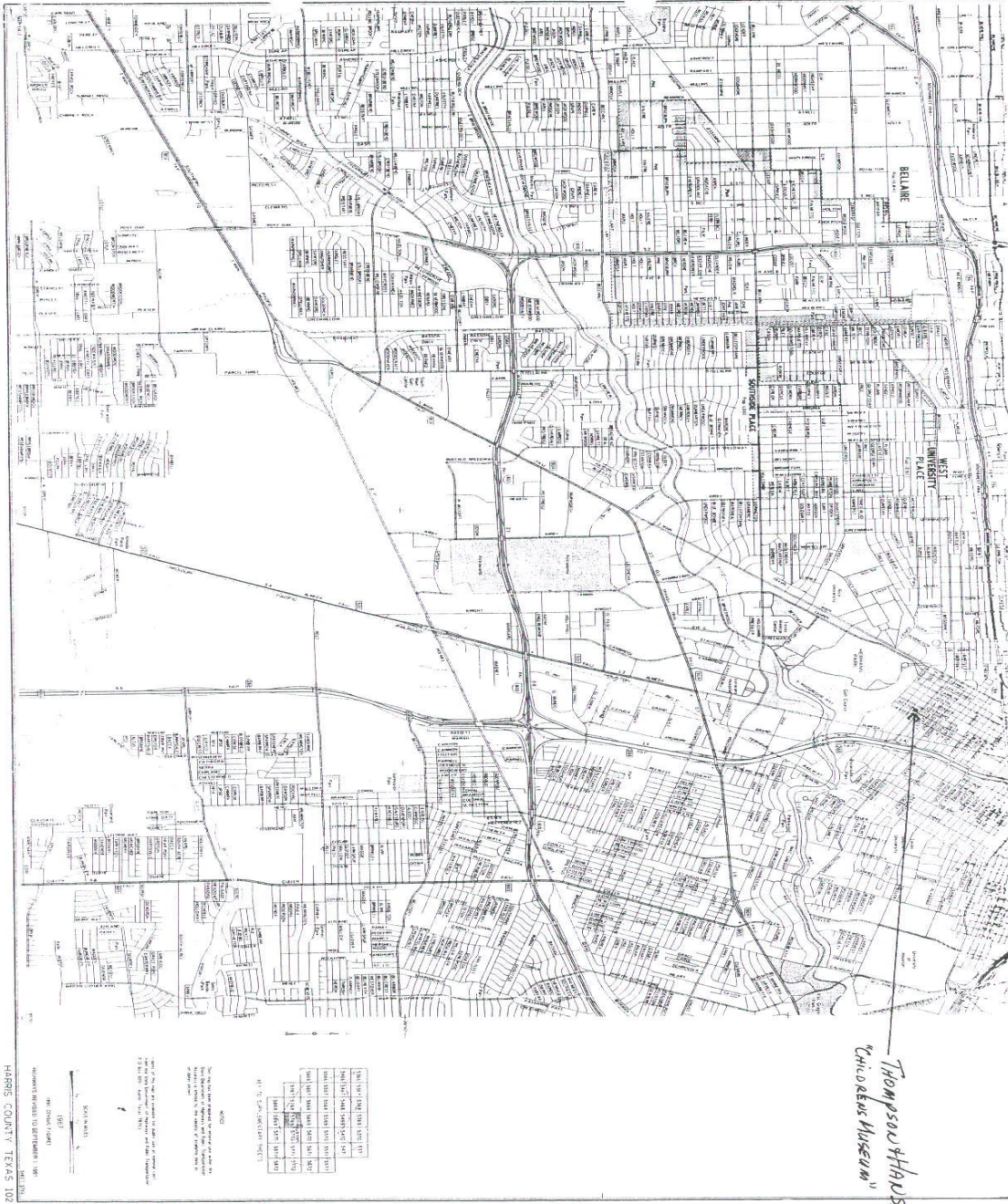
ID NUMBER: TX170136
STATE ID : 65-21-3
OWNER NAME: THOMPSON & HANSON
DATE DRILLED: 08/18/1992
DEPTH DRILLED: 400'
STATIC LEVEL: 218'
WATER USAGE: IRRIGATION
LONGITUDE: -95.385176000
LATITUDE: 29.722490000
2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 170136



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 170136

STATE OF TEXAS WATER WELL REPORT

1) OWNER: THOMPSON & HANSON ADDRESS: 2719 JOANEL CITY: HOUSTON STATE: TX ZIP: 77027-
2) LOCATION OF WELL: County: HARRIS miles in S direction from HOUSTON

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00615 DIAMETER OF HOLE 7) BOREHOLE METHOD:
DIAMETER FROM TO TWO STRING/K-PACKER
9.00 0 380 IF GRAVEL... FROM FT. TO FT.
4.875 380 400 FROM FT. TO FT.

DATE DRILLED: 08/18/92

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:
DIA NEW/USED DESCRIPTION FROM TO GAGE CASING SCREEN
5.0 N P.V.C. S.D.R.17 0 380 CASING
3.0 N P.V.C. SCH.80 370 380 LINER
3.0 N STAINLESS - ROD BASE 380 400 .008

GEOLOGICAL DESCRIPTION:
FROM TO DESCRIPTION
0 3 FILL SOIL
3 20 CLAY-WHITE CLAY-BROWN
20 28 SAND-TAN-.006-.008
28 56 BROKEN SAND & CLAY
56 59 ROCK
59 70 SAND-TAN-.006-.008
70 205 CLAY-RED
205 220 SAND-TAN-FINE
220 261 CLAY-RED
261 282 SAND-WHITE-.006-.008 SAND-WHITE-.010-.012
282 356 CLAY-RED
356 364 BROKEN SAND & CLAY
364 400 SAND-WHITE-.006-.008 SAND-WHITE-.010-.012

RECEIVED
SEP 03 1993

TEXAS WATER COMMISSION

9) CEMENTING DATA:
Cemented from 0 FT. TO 380 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWWIS

10) SURFACE COMPLETION:
APP. ALTER. PROCD.

11) WATER LEVEL:
STATIC LEVEL: 218 FT. DATE: 08/20/92
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

13) TYPE PUMP: SUBMERSIBLE DEPTH TO PUMP: 337
14) WELL TEST: JETTED YIELD: 100 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY: TYPE OF WATER: GOOD DEPTH OF STRATA: 400 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843 FOR TDWR USE ONLY
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578 WELL NO.
LOCATED ON MAP 65.21.3

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) *John A. Johnson* (signed)

(LICENSED WATER WELL DRILLER)

(REGISTERED DRILLER TRAINEE)

170136



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 189 Distance from Property: 3.23 mi. SW

WELL ID: 7410
OWNERS NAME: CHILDREN'S MUSEUM OF HOUSTON, THE
YEAR DRILLED: 1991
DEPTH DRILLED: NOT REPORTED
STATIC LEVEL: NOT REPORTED
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.385176000
LATITUDE: 29.722490000
SOURCE: HGSD



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 190 Distance from Property: 3.27 mi. SSW

ID NUMBER: TX199540
STATE ID : 65-22-1
OWNER NAME: JMG BUILDERS
DATE DRILLED: 04/13/2001
DEPTH DRILLED: 545'
STATIC LEVEL: 210'
WATER USAGE: IRRIGATION
LONGITUDE: -95.369097000
LATITUDE: 29.714783000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 199540

65-22-1

ATTENTION OWNER: Confidentiality
 Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

OWNER: JMG BUILDERS, LTD ADDRESS: 2700 POST OAK BLVD. #2450 CITY: HOUSTON STATE: TX ZIP: 77056-

ADDRESS OF WELL: County: HARRIS GRID # 65-22-01
 Street or RFD: 5500 SAMPSON (PROSPECT PARTNERS, LTD) SAVOY APARTMENTS
 City, State, Zip code: HOUSTON TX 77004-

TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION
 If Public Supply well, were plans submitted to the TNRCC?

WELL LOG: 00496 DIAMETER OF HOLE 7) DRILLING METHOD: 8) BOREHOLE COMPLETION:

DATE DRILLING:	DIAMETER FROM	TO	DRILLING METHOD:	BOREHOLE COMPLETION:
STARTED: 04/09/01	7.75	-0- 523	MUD ROTARY	TWO-STRING
COMPLETED: 04/13/01	4.75	523 545		IF GRAVEL... FROM FT. TO FT.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0	N	PVC WELL CASING	+2	523	SDR-17
2.5	N	PVC BLANK PIPE	515	523	SCH 80
2.5	N	STAINLESS ROD BASE	523	543	8 GA
2.5	N	NIP W/BACKWASH VALVE	543	545	SCH 80

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	40	BLACK TOPSOIL, WHITE CLAY SAND
40	80	SAND ROCK SAND, CLAY BREAK, SAND ROCK CLAY
80	134	RED CLAY GRAY CLAY, RED CLAY SAND
134	180	GRAY CLAY, RED CLAY TAN CLAY, GRAY CLAY, RED CLAY
180	220	SAND
220	260	SAND, CLAY BREAK, SAND CLAY, SAND, CLAY CLAY
260	290	CLAY SAND SAND
290	340	CLAY BREAK, SAND, CLAY CLAY
340	395	SAND, CLAY BREAK, SAND CLAY SAND
395	426	SHALE, SAND SHALE,
426	450	SAND
450	480	CLAY CLAY SAND
480	524	SHALE,
524	545	SAND SAND SAND

9) CEMENTING DATA:

Cemented from	No. of Sacks Used
523 FT. TO 248 FT.	11
1 FT. TO 20 FT.	5

Method used: HALLIBURTON METHOD
 Cemented by: GDI LOWER PRESSURED
 Distance to septic field lines: N/A ft.
 Method of verification of above distance:
 NONE TO INSTALL

10) SURFACE COMPLETION:
 PITLESS ADAPTER USED

11) WATER LEVEL:
 STATIC LEVEL : 210 FT. DATE: 04/13/01
 ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
FORMATION PACKER	20
BP-SEAL	515

3) TYPE PUMP: SUBMERSIBLE DEPTH TO PUMP: 340

14) WELL TEST: JETTED YIELD: 60 GPM WITH FT DRAWDOWN AFTER HRS

5) WATER QUALITY: TYPE OF WATER: GOOD DEPTH OF STRATA: 20 NO CHEMICAL ANALYSIS MADE
 NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: GEOPHYSICAL DRILLING, INC. WATER WELL DRILLER'S LICENSE NO.: 2888 WI
 ADDRESS: P.O. BOX 664 CITY: FULSHEAR STATE: TX ZIP CODE: 77441

FILE FOR TWC USE ONLY		SEC 1
WELL NO.		
LOCATED ON MAP		DESC 00
EMP #	65-22-01	

HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE WELL(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

signed) Greg D. Hill (LICENSED WATER WELL DRILLER) (signed) Travis Otto (REGISTERED DRILLER TRAINEE)

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 190 Distance from Property: 3.27 mi. SSW

WELL ID: **8594**
OWNERS NAME: **USA SAVOY LEASCO, LLC**
YEAR DRILLED: **2001**
DEPTH DRILLED: **475'**
STATIC LEVEL: **450'**
WATER USAGE: **OTHER**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.369097000**
LATITUDE: **29.714783000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 191 Distance from Property: 3.27 mi. SSE

STATE ID: 65-22-133

OWNER'S NAME: PORT CITY STOCK YARDS

DATE DRILLED: 07/17/1968

DEPTH DRILLED: 622'

WATER USAGE: INDUSTRIAL

LONGITUDE: -95.335860000

LATITUDE: 29.715040000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522133/6522133.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-22-133

TEXAS WATER DEVELOPMENT BOARD WELL SCHEDULE

State Well Number - 65 22 133 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 42 55 Longitude - 95 20 10 Source of Coords - 1

Owners Well No. _____ Location _____ 1/4. _____ 1/4. Section _____, Block _____, Survey _____
Owner - Port City Stock Yards Driller - B J Swinehart

Address _____ Tenant/Oper. _____
Date Drilled - 07/17/1968 Depth - 622 ft. Source of Depth - D Altitude - 35 ft. Source of Alt. - M
Aquifer - 112CHCTL CHICOT AQUIFER, LOWER Well Type - W User -

WELL CONSTRUCTION	Const. Method - _____	Casing Material - _____	Casing or Blank Pipe (C)
	Completion - _____	Screen Material - _____	Well Screen or Slotted Zone (
			Open Hole (O)
			Cemented from _____ to _____
			Diam. Setting(feet)
			(in.) From To

LIFT DATA - Pump Mfr. _____ Type - SUBMERSIBLE PUMP No. Stages _____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - 20

YIELD Flow- _____ GPM Pump- _____ GPM Meas., Rept., Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM
Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft

QUALITY (Remarks- _____)

WATER USE Primary- INDUSTRIAL Secondary- _____ Tertiary- _____

OTHER DATA AVAILABLE Water Levels- N Quality- N Logs- D Other Data- _____

WATER LEVELS Date- / / Measurement- _____
Date- / / Measurement- _____

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS - _____

Aquifer - 112CHCTL
Well No. - 65 22 133

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 192 Distance from Property: 3.28 mi. NW

ID NUMBER: TX199633
STATE ID : 65-13-9
OWNER NAME: 11TH STREET WASHATERIA
DATE DRILLED: 11/07/1988
DEPTH DRILLED: 441'
STATIC LEVEL: 260'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.395603000
LATITUDE: 29.790442000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 199633

STATE OF TEXAS WATER WELL REPORT

1) OWNER: 11TH. STREET WASHATERIA ADDRESS: 1217 ARCHLEY CITY: HOUSTON STATE: TX ZIP: 77055
2) LOCATION OF WELL: County: HARRIS miles in N direction from HOUSTON

LEGAL DESCRIPTION: SEE ATTACHED MAP: 00106
Section No.: Block No.: Township:
Abstract No.: Survey Name:
Distance and direction from two intersecting section or survey lines: 0765-13-8

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: INDUSTRIAL 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00106 DIAMETER OF HOLE 7) BOREHOLE METHOD:
DIAMETER FROM TO TWO STRING/LEAD SEAL
8.0 0 419 IF GRAVEL... FROM FT. TO FT.
5.0 419 441 FROM FT. TO FT.
DATE DRILLED: 11/07/88

GEOLOGICAL DESCRIPTION: 8) CASING, BLANK PIPE, AND WELL SCREEN DATA:
FROM TO DESCRIPTION DIA NEW/USED DESCRIPTION FROM TO GAGE CASING SCREEN
0 3 SOIL 5.0 N P.V.C. S.D.R.17 0 419
3 80 CLAY-RED 2.5 N STEEL, NEW, GALV. 410 420 LINER
80 90 SAND-TAN-.006-.008 2.5 N STAINLESS - ROD BASE 420 440 .012
90 160 CLAY-BROWN 2.5 N STEEL, NEW, GALV. 440 441 S.T.N.
160 195 SAND-TAN-.014-.020
195 284 CLAY-RED
284 305 SAND-WHITE-.006-.008
305 310 CLAY / SAND STREAKS
310 320 SAND-WHITE-.014-.020
320 404 CLAY-RED
404 412 SAND-WHITE-.010-.012
412 417 CLAY-BLUE
417 441 SAND-WHITE-.014-.020

9) CEMENTING DATA:
Cemented from 200 FT. TO 419 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: ALMEDA WATER WELL

10) SURFACE COMPLETION:
APP. ALTER. PROCD.

11) WATER LEVEL:
STATIC LEVEL : 260 FT. DATE: 11/09/88
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

RECEIVED
SEP 20 1989

TEXAS WATER COMMISSION

13) TYPE PUMP: SUBMERSIBLE DEPTH TO PUMP: 336
14) WELL TEST: JETTED YIELD: 60 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY: TYPE OF WATER: GOOD DEPTH OF STRATA: 441 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843 ; FOR TDWR USE ONLY
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578 ; WELL NO. 65-13-9
; LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) John A. Gibson (signed) _____
(LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)

CWB



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 199633

JOHN YOUNG JIM KEMPNER



HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 192 Distance from Property: 3.28 mi. NW

WELL ID: 7591
OWNERS NAME: DO, HUNG DANG
YEAR DRILLED: 1992
DEPTH DRILLED: 300'
STATIC LEVEL: 280'
WATER USAGE: OTHER
WELL STATUS: PLUGGED
LONGITUDE: -95.395575000
LATITUDE: 29.790440000
SOURCE: HGSD



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 193 Distance from Property: 3.28 mi. N

ID NUMBER: TX205322
STATE ID : 65-14-4
OWNER NAME: DR. T.V TRAN
DATE DRILLED: 10/12/1987
DEPTH DRILLED: 363'
STATIC LEVEL: 250'
WATER USAGE: DOMESTIC
LONGITUDE: -95.344923000
LATITUDE: 29.807334000

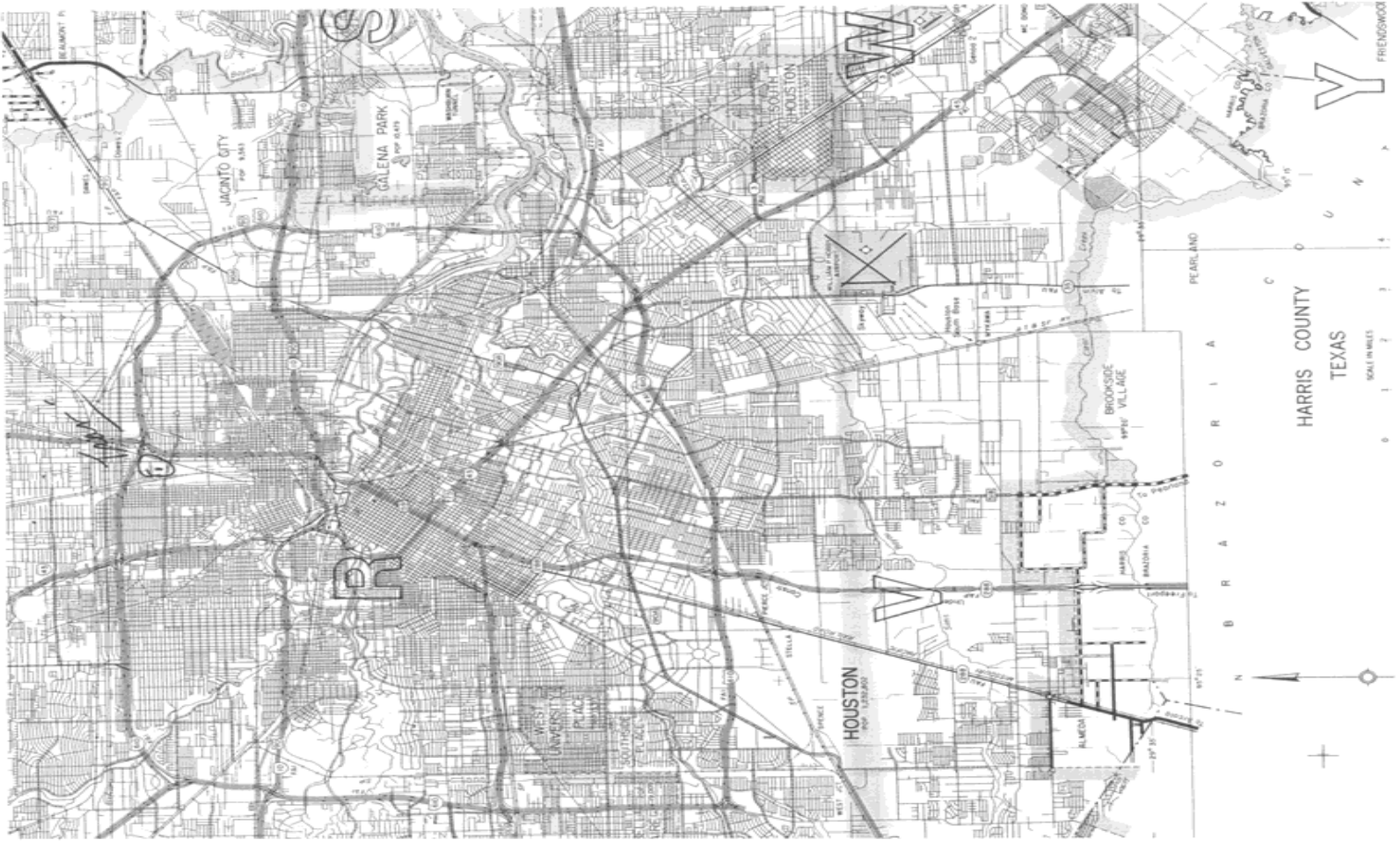
2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205322



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 194 Distance from Property: 3.29 mi. W

ID NUMBER: TX198372
STATE ID : 65-13-9
OWNER NAME: BRH GARVER
DATE DRILLED: 04/07/1995
DEPTH DRILLED: 50'
STATIC LEVEL: NOT REPORTED
WATER USAGE: DE-WATERING
LONGITUDE: -95.406906000
LATITUDE: 29.770264000

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 198372

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side		State of Texas WELL REPORT		Texas Water Well Drillers Advisory Council P.O. Box 13087 Austin, TX 78711-3087 512-371-6299																					
1) OWNER <u>BRN GARVER</u> ADDRESS <u>5402 LAWDALE Houston TX</u> <small>(Name) (Street or RFD) (City) (State) (Zip)</small>		2) ADDRESS OF WELL: <u>WASHINGTON AVE + FOWLER RD. Houston</u> <small>County (Street or RFD) (City) (State) (Zip)</small>		STATE WELL # <u>65-13-9</u>																					
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input checked="" type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No		5)																					
6) WELL LOG: Date Drilling: _____ Started <u>4-7</u> 19 <u>95</u> Completed <u>4-7</u> 19 <u>95</u>		7) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____		X N																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: center;">DIAMETER OF HOLE</th> </tr> <tr> <th style="width: 33%;">Dia. (in.)</th> <th style="width: 33%;">From (ft.)</th> <th style="width: 33%;">To (ft.)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.514</td> <td style="text-align: center;">Surface</td> <td style="text-align: center;">50</td> </tr> </tbody> </table>		DIAMETER OF HOLE			Dia. (in.)	From (ft.)	To (ft.)	1.514	Surface	50	8) Borehole Completion (Check): <input type="checkbox"/> Open Hole <input type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input checked="" type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give interval ... from <u>13</u> ft. to <u>50</u> ft.														
DIAMETER OF HOLE																									
Dia. (in.)	From (ft.)	To (ft.)																							
1.514	Surface	50																							
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">From (ft.)</th> <th style="width: 15%;">To (ft.)</th> <th style="width: 70%;">Description and color of formation material</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">17</td> <td style="text-align: center;">TOP Soil + CLAY</td> </tr> <tr> <td style="text-align: center;">17</td> <td style="text-align: center;">23</td> <td style="text-align: center;">SAND + CLAY STINKS</td> </tr> <tr> <td style="text-align: center;">23</td> <td style="text-align: center;">50</td> <td style="text-align: center;">CLAY</td> </tr> </tbody> </table>		From (ft.)	To (ft.)	Description and color of formation material	0	17	TOP Soil + CLAY	17	23	SAND + CLAY STINKS	23	50	CLAY	CASING, BLANK PIPE, AND WELL SCREEN DATA:											
From (ft.)	To (ft.)	Description and color of formation material																							
0	17	TOP Soil + CLAY																							
17	23	SAND + CLAY STINKS																							
23	50	CLAY																							
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="width: 10%;">Dia. (in.)</th> <th rowspan="2" style="width: 10%;">New or Used</th> <th rowspan="2" style="width: 40%;">Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial</th> <th colspan="2" style="width: 20%;">Setting (ft.)</th> <th rowspan="2" style="width: 10%;">Gage Casting Screen</th> </tr> <tr> <th style="width: 10%;">From</th> <th style="width: 10%;">To</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">10</td> <td style="text-align: center;">N</td> <td style="text-align: center;">PVC</td> <td style="text-align: center;">0</td> <td style="text-align: center;">35</td> <td></td> </tr> <tr> <td style="text-align: center;">10</td> <td style="text-align: center;">N</td> <td style="text-align: center;">PVC SCREENS</td> <td style="text-align: center;">35</td> <td style="text-align: center;">50</td> <td style="text-align: center;">.020</td> </tr> </tbody> </table>		Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casting Screen	From	To	10	N	PVC	0	35		10	N	PVC SCREENS	35	50	.020	9) CEMENTING DATA [Rule 338.44(1)] Cemented from <u>0</u> ft. to <u>15</u> ft. No. of sacks used <u>8</u> _____ ft. to _____ ft. No. of sacks used _____ Method used <u>TRIMME</u> Cemented by <u>BUSSELL + SON INC.</u> Distance to septic system field lines _____ ft. Method of verification of above distance _____			
Dia. (in.)	New or Used				Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casting Screen																	
		From	To																						
10	N	PVC	0	35																					
10	N	PVC SCREENS	35	50	.020																				
13) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowis, cylinder, jet, etc., _____ ft.		10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Slab Installed [Rule 338.44(2)(A)] <input checked="" type="checkbox"/> Specified Steel Sleeve Installed [Rule 338.44(3)(A)] <input type="checkbox"/> Pileless Adapter Used [Rule 338.44(3)(b)] <input type="checkbox"/> Approved Alternative Procedure Used [Rule 338.71]																							
14) WELL TESTS: Type test: <input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Jetted <input checked="" type="checkbox"/> Estimated Yield: _____ gpm with _____ ft. drawdown after _____ hrs.		11) WATER LEVEL: Static level _____ ft. below land surface Date <u>4-7-95</u> Artesian flow _____ gpm. Date _____																							
15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		12) PACKERS: Type Depth																							
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.																									
COMPANY NAME <u>BUSSELL + SON INC</u> WELL DRILLER'S LICENSE NO. <u>2035</u> <small>(Type or print)</small>		ADDRESS <u>P.O. Box 874 Tomball TX 77377-0874</u> <small>(Street or RFD) (City) (State) (Zip)</small>																							
(Signed) <u>Ray Buswell</u> <small>(Licensed Well Driller)</small>		(Signed) _____ <small>(Registered Driller Trainee)</small>																							

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 09-01-93)

TNRCC COPY



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 195 Distance from Property: 3.29 mi. SW

WELL ID: 2869
OWNERS NAME: PARKLANE PLAZA INTERESTS
YEAR DRILLED: 1939
DEPTH DRILLED: 490'
STATIC LEVEL: 450'
WATER USAGE: PUBLIC SUPPLY
WELL STATUS: PLUGGED
LONGITUDE: -95.383535000
LATITUDE: 29.720449000
SOURCE: HGSD



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 196 Distance from Property: 3.29 mi. N

ID NUMBER: TX205318
STATE ID : 65-14-4G
OWNER NAME: MRS. DORIS ADAMS
DATE DRILLED: 06/10/1982
DEPTH DRILLED: 175'
STATIC LEVEL: 115'
WATER USAGE: DOMESTIC
LONGITUDE: -95.354050000
LATITUDE: 29.807956000
2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205318

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TDWR use only
Well No. GS-14-45
Located on map YES
Received: C.P.S.

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER MRS. DORIS ADAMS Address 13803 SCENESHIRE HOUSTON, TEX. 77037
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County HARRIS APPRX. 12 miles in NORTH direction from HOUSTON
(N.E., S.W., etc.) (Town)

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map.

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Public Supply Irrigation Test Well Other

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored
 Air Rotary Cable Tool Jetted Other

6) WELL LOG:
Date drilled 6-10-82

From (ft.)	To (ft.)	DIAMETER OF HOLE	
		From (ft.)	To (ft.)
		Surface	
		<u>6.75</u>	<u>0</u>
			<u>175</u>

Description and color of formation material:
0-20 TOP SOIL + CLAY
20-32 SAND
32-40 CLAY
40-50 SAND
50-63 CLAY
63-76 SAND
76-80 CLAY
80-100 CLAY
100-120 CLAY
120-140 CLAY
140-143 CLAY
143-158 BROKEN SAND
158-160 SAND
160-165 SAND-STONE
165-175 SAND

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other 2 STRING
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
<u>4</u>	<u>N</u>	<u>PLASTIC</u>	<u>0</u>	<u>165</u>	
<u>2 1/2</u>	<u>N</u>	<u>SLOTTED PLASTIC</u>	<u>165</u>	<u>175</u>	<u>#12</u>

CEMENTING DATA
Cemented from 0 ft. to 165 ft.
Method used PRESSURE
Cemented by Michael McClung
(Company or Individual)

9) WATER LEVEL:
Static level 115 ft. below land surface Date 6-11-82
Artesian flow _____ gpm. Date _____

10) PACKERS: Type _____ Depth _____
K PACKER RUBBER 161'

11) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

12) WELL TESTS: NONE
 Type Test: Pump Bailor Jetted Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME MICHAEL L. McCLUNG Water Well Drillers Registration No. 2215
(Type or Print)

ADDRESS 4602 ELLA BLVD. HOUSTON TEXAS 77018
(Street or RFD) (City) (State) (Zip)

(Signed) Michael McClung M+N WELL SERVICE
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 197 Distance from Property: 3.29 mi. W

ID NUMBER: TX187821
STATE ID : 65-13-9
OWNER NAME: ST. THOMAS HIGH SCHOOL
DATE DRILLED: 12/06/1996
DEPTH DRILLED: 520'
STATIC LEVEL: 221'
WATER USAGE: IRRIGATION
LONGITUDE: -95.408152000
LATITUDE: 29.762836000

2 PAGE(S) OF DRILLERS' LOGS



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4" NEW BLANK LINER 497' - 505'

505' 520' SAND
520' 600' CLAY & SAND STREAKS

X

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 187821

Send original copy by certified return receipt requested mail. NRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3087

ATTENTION OWNER: Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)		State of Texas WELL REPORT			Texas Water Well Drillers Advisory Council MC 177 P.O. Box 13087 Austin, TX 78711-3087 512-239-0530	
1) OWNER <u>ST. THOMAS HIGH SCHOOL</u> (Name)		ADDRESS <u>4500 MEMORIAL</u> (Street or RFD)		<u>HOUSTON</u> (City)	<u>TX. 77007</u> (State) (Zip)	
2) ADDRESS OF WELL: County <u>HARRIS</u>		<u>NORTH SHEPHERD</u> (Street, RFD or other)		<u>HOUSTON</u> (City)	<u>TX.</u> (State)	GRID # <u>65-13-9</u> (Zip)
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No			5)	
6) WELL LOG: Date Drilling: Started <u>12/2</u> 19 <u>96</u> Completed <u>12/6</u> 19 <u>96</u>		DIAMETER OF HOLE		7) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____		
		Dia. (in.) From (ft.) To (ft.)				
		8 3/4 Surface 485				
		5 3/4 485 520				
From (ft.) To (ft.) Description and color of formation material		8) Borehole Completion (Check): <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give interval ... from _____ ft. to _____ ft.				
0 22 TOP SOIL & CLAY						
22 47 SURFACE SAND						
47 79 CLAY						
79 115 SAND						
115 206 CLAY						
206 231 SAND						
231 305 CLAY						
305 330 SAND						
330 365 SANDY CLAY						
365 380 SAND & ROCK						
380 440 CLAY						
440 450 SAND						
450 485 CLAY						
485 497 SAND						
497 505 CLAY						
		9) CEMENTING DATA [Rule 338.44(1)] Cemented from <u>0</u> ft. to <u>50</u> ft. No. of sacks used <u>25</u> <u>385</u> ft. to <u>485</u> ft. No. of sacks used <u>15</u> Method used <u>HALLIBURTON/TRIMME</u> Cemented by <u>BUSSELL & SON, INC.</u> Distance to septic system field lines or other concentrated contamination _____ ft. Method of verification of above distance _____				
13) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowls, cylinder, jet, etc., <u>336</u> ft.		10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Slab Installed [Rule 338.44(2)(A)] <input checked="" type="checkbox"/> Specified Steel Sleeve Installed [Rule 338.44(3)(A)] <input type="checkbox"/> Pitless Adapter Used [Rule 338.44(3)(b)] <input type="checkbox"/> Approved Alternative Procedure Used [Rule 338.71]				
14) WELL TESTS: Type test: <input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Jetted <input type="checkbox"/> Estimated Yield: <u>300±</u> gpm with _____ ft. drawdown after _____ hrs.		11) WATER LEVEL: 221 Static level <u>XXXX</u> ft. below land surface Date <u>12/6/96</u> Artesian flow _____ gpm. Date _____				
15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		12) PACKERS: Type Depth <u>6X4</u> <u>K-PACKER</u> <u>475</u> <u>6X4</u> <u>K-PACKER</u> <u>476</u> <u>6X4</u> <u>K-PACKER</u> <u>477</u>				
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.						
COMPANY NAME <u>BUSSELL & SON, INC.</u> (Type or print)		WELL DRILLER'S LICENSE NO. <u>2035</u>				
ADDRESS <u>P. O. BOX 874</u> (Street or RFD)		<u>TOMBALL</u> (City)		<u>TX.</u> (State)	<u>77377-0874</u> (Zip)	
(Signed) <u>Craig Russell</u> (Licensed Well Driller)		(Signed) _____ (Registered Driller Trainee)				
Please attach electric log, chemical analysis, and other pertinent information, if available.						

TNRCC-0199 (Rev. 05-21-96)

White - TNRCC

Yellow - DRILLER

Pink - WELL OWNER



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 197 Distance from Property: 3.29 mi. W

WELL ID: **5814**
OWNERS NAME: **ST. THOMAS HIGH SCHOOL**
YEAR DRILLED: **Not Reported**
DEPTH DRILLED: **450'**
STATIC LEVEL: **430'**
WATER USAGE: **OTHER**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.408152000**
LATITUDE: **29.762836000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 198 Distance from Property: 3.29 mi. ESE

STATE ID: **65-22-209**

OWNER'S NAME: **E SIMS**

DATE DRILLED: **05/20/1940**

DEPTH DRILLED: **590'**

WATER USAGE: **DOMESTIC**

LONGITUDE: **-95.309280000**

LATITUDE: **29.731220000**

SOURCE: **TWDB**

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522209/6522209.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 199 Distance from Property: 3.30 mi. W

STATE ID: **65-13-914**

OWNER'S NAME: **CITY OF HOUSTON**

DATE DRILLED: **00/00/1917**

DEPTH DRILLED: **558'**

WATER USAGE: **UNUSED**

LONGITUDE: **-95.407110000**

LATITUDE: **29.770690000**

SOURCE: **TWDB**

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513914/6513914.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 199 Distance from Property: 3.30 mi. W

STATE ID: **65-13-915**
OWNER'S NAME: **CITY OF HOUSTON**
DATE DRILLED: **11/00/1918**
DEPTH DRILLED: **1465'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.407110000**
LATITUDE: **29.770690000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513915/6513915.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-13-915

TEXAS WATER DEVELOPMENT BOARD WELL SCHEDULE

State Well Number - 65 13 915 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 46 15 Longitude - 95 24 42 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston Driller - Layne Bowler Co.

Address _____ Tenant/Oper. _____

Date Drilled - 11/ /1918 Depth - 1,465 ft. Source of Depth - D Altitude - 59 ft. Source of Alt. - M
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - 396200

WELL	Const. _____	Casing	
CONSTRUCTION	Method - _____	Material - _____	Casing or Blank Pipe (C)
		Screen	Well Screen or Slotted Zone (
	Completion - _____	Material - _____	Open Hole (O)
			Cemented from _____ to _____
LIFT DATA -	Pump Mfr. _____	Type - NONE	No. Stages _____
			Diam. _____ to _____
			(in.) Setting(feet)
			From To

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - _____ Horsepower - _____

YIELD Flow- _____ GPM Pump- _____ GPM Meas., Rept., Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM

Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft

QUALITY (Remarks- _____)

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILABLE Water Levels- N Quality- N Logs- Other Data-

WATER LEVELS Date- / / Measurement-

Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 01/22/1999

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY

REMARKS -

Aquifer - 121EVGL
Well No. - 65 13 915



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WATER UTILITY DATABASE (WUD)

MAP ID# 200 Distance from Property: 3.31 mi. SW

PWSID: 1010013
SOURCE ID: G1010013HS
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1919
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.388336180
LATITUDE: 29.723054890

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 201 Distance from Property: 3.32 mi. SW

WELL ID: 1672
OWNERS NAME: WYNDHAM WARWICK ASSOCIATES
YEAR DRILLED: 1962
DEPTH DRILLED: 900'
STATIC LEVEL: 318'
WATER USAGE: PUBLIC SUPPLY
WELL STATUS: PLUGGED
LONGITUDE: -95.390100000
LATITUDE: 29.724260000
SOURCE: HGSD



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 201 Distance from Property: 3.32 mi. SW

STATE ID: 65-21-331

OWNER'S NAME: WARWICK HOTEL

DATE DRILLED: 12/00/1962

DEPTH DRILLED: 900'

WATER USAGE: PUBLIC SUPPLY

LONGITUDE: -95.390099000

LATITUDE: 29.724260000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521331/6521331.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
State ID: 65-21-331

April 1966

LJ 65-21-331

WELL SCHEDULE
GEOLOGICAL SURVEY WATER RESOURCES DIVISION

U. S. DEPT. OF THE INTERIOR

MASTER CARD
BOB WOEST 1:24000

Record by C.W. BONNET Source of data D-RECORD Date 9-22-75 Map BELLAIRE 1967

State TEXAS County (or town) HARRIS LJ

Latitude: 29° 43' 25" N Longitude: 95° 23' 20" W Sequential number: 1

Well number: LJ-65-21-331 Other number: _____

Local use: _____ Owner or name: WARWICK HOTEL

Address: HOUSTON

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist N

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instct, Unused, Recharge, Resal-F S, Desal-other, Other P

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. W

DATA AVAILABLE: Well data Freq. W/L meas.: Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: Pumpage inventory: yes no; period: _____

Aperture cards: yes

Log data: D-LOG

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 900 ft 900 Meas. 3

Depth cased; (first perf.) 605 ft 605 Casing type: S Diam. 10-6 in 10

Finish: porous gravel w. concrete, (perf.), (C) gravel w. (H) horz. (P) open (S) screen, sd. pt., (W) shored, (X) open hole, (B) other H

Method: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (E) air rot., (F) percussive, (G) rotary, (H) reverse trenching, (I) driven, (J) drive wash, (K) other H

Date drilled: 12-8-62 962 Pump intake setting: 350 (62) ft 350

Driller: POMEROY DRILLING CO.

Lift (type): (A) air, (B) bucket, (C) cant, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other T Deep Shallow

Power (type): (A) diesel, (B) gas, (C) gasoline, (D) hand, (E) gas, (F) wind, (G) H.P. 60 Trans. or meter no. _____

Descrip. MP _____ ft above _____ below LSD, Alt. MP _____

Air. LSD: 50 Accuracy: TAPO 5'

Water Level 226 ft above _____ below MP; Ft. 226 LSD Accuracy: Rcpt. Method D

Date meas: 12-1962 D 62 Yield: _____ spm _____ Pumping period _____ hrs _____

Drawdown: _____ ft Accuracy: _____

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct _____ K x 10⁶ Temp. _____ °F _____ Date sampled _____

Taste, color, etc. _____

Well No.

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 2
State ID: 65-21-331

LS 65-21-331

Latitude-longitude _____ N
_____ S
_____ d _____ m _____ s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: _____ Section: _____

Drainage Basin: _____ Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (C) offshore, pediment, hillside, terrace, undulating, valley flat, (E) (F) (N) (K) (L) (P) (S) (T) (U) (V) _____

MAJOR AQUIFER: _____ system _____ series _____ *Evangelina* _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft _____ Depth to top of: _____ ft _____

MINOR AQUIFER: _____ system _____ series _____ *Lower Chicot* _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft _____ Depth to top of: _____ ft _____

* Intervals Screened:

Depth to consolidated rock: _____ ft _____ Source of data: _____

Depth to basement: _____ ft _____ Source of data: _____

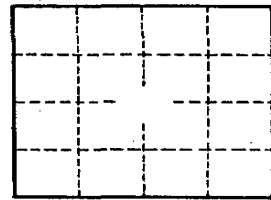
Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ spd/ft _____ Coefficient Storage: _____

Coefficient Perm: _____ spm/ft²; Spec cap: _____ spm/ft; Number of geologic cards: _____

* 605-625 20
689-709 20
782-772 40
636-854 18
874-896 22

120



605'-10" cog. cemented

Well No.

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 201 Distance from Property: 3.32 mi. SW

STATE ID: 65-21-318
OWNER'S NAME: WARWICK HOTEL
DATE DRILLED: 00/00/1932
DEPTH DRILLED: 579'
WATER USAGE: UNUSED
LONGITUDE: -95.390100000
LATITUDE: 29.724260000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521318/6521318.pdf>

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 201 Distance from Property: 3.32 mi. SW

ID NUMBER: TX206005
STATE ID : 65-21-3
OWNER NAME: THE WYNDHAM WARWICK
DATE DRILLED: 06/23/1992
DEPTH DRILLED: 420'
STATIC LEVEL: 210'
WATER USAGE: PUBLIC SUPPLY
LONGITUDE: -95.390108000
LATITUDE: 29.724263000

3 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 3
Water Well ID: 206005



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 3
Water Well ID: 206005

OWNER: THE WYNDHAM WARWICK ADDRESS: 5701 MAIN STREET CITY: HOUSTON STATE: TX ZIP:
401 420 SHALE

Love

CWB

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 3 out of 3
Water Well ID: 206005

1) OWNER: THE WYNDHAM MARWICK ADDRESS: 5701 MAIN STREET CITY: HOUSTON STATE: TX ZIP:
2) LOCATION OF WELL: County: HARRIS miles in S direction from HOUSTON

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: PUBLIC SUPPLY 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00551 DIAMETER OF HOLE 7) BOREHOLE METHOD:
DIAMETER FROM TO TWO STRING/B.P. SEAL
16.75 0 64 IF GRAVEL... FROM FT. TO FT.
10.0 0 350 FROM FT. TO FT.
DATE DRILLED: 06/23/92 4.75 350 420 FROM FT. TO FT.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:
DIA NEW/USED DESCRIPTION FROM TO CASE CASING SCREEN
10.0 N STEEL, NEW, BLACK 0 64 CASING
5.0 N STEEL, NEW, BLACK 0 41 SCH.80
5.0 N STEEL, NEW, BLACK 41 350 SCH.40
3.0 N STEEL, NEW, GALV. 344 351 LINER
3.0 N STAINLESS - ROD BASE 351 401 .006
3.0 N STEEL, NEW, BLACK 401 420 S.T.N.

GEOLOGICAL DESCRIPTION:
FROM TO DESCRIPTION
0 1 CONCRETE
1 12 FILL
12 35 CLAY-BROWN
35 62 SAND-RED-FINE SAND-TAN-.006-.008
62 64 CLAY-RED
64 75 SAND-TAN-.006-.008
75 168 CLAY-BLUE CLAY-RED
168 172 BROKEN SAND & CLAY
172 186 SAND-TAN-.006-.008
186 240 CLAY-BROWN
240 246 SAND-TAN-.006-.008
246 270 CLAY-BLUE
270 278 SAND-WHITE-.006-.008
278 344 CLAY-RED SHALE
344 401 SAND-WHITE-.006-.008

RECEIVED
SEP 11 1992
TEXAS WATER COMMISSION

9) CEMENTING DATA:
Cemented from 0 FT. TO 64 FT.
0 FT. TO 350 FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AAWS
10) SURFACE COMPLETION:
SURFACE SLAB INST.
11) WATER LEVEL:
STATIC LEVEL: 210 FT. DATE: 07/02/92
ARTESIAN FLOW: GPM. DATE:
12) PACKERS: TYPE DEPTH

13) TYPE PUMP: SUBMERSIBLE DEPTH TO PUMP: 317
14) WELL TEST: JETTED YIELD: 100+ GPM WITH FT DRAWDOWN AFTER HRS
15) WATER QUALITY: TYPE OF WATER: GOOD DEPTH OF STRATA: 420 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 943,2703,2843 FOR TOWN USE ONLY
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578 1) WELL NO. _____
2) LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

Signed: *John A. Lyburn*
LICENSED WATER WELL DRILLER

REGISTERED DRILLER TRUSTEE

65 21 3

CWB
X



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 201 Distance from Property: 3.32 mi. SW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294327095232201**

STATION NAME: **LJ-65-21-333**

SITE TYPE: **GW**

LATITUDE: **29.724260000** LONGITUDE: **-95.390100000**

DATE DRILLED: **06/23/1992**

WELL DEPTH: **420 feet**

HOLE DEPTH: **420 feet**

LOCAL AQUIFER: **CHICOT AQUIFER**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 201 Distance from Property: 3.32 mi. SW

WELL ID: **5290**
OWNERS NAME: **ZAZA FOUNTAINS, LP**
YEAR DRILLED: **1992**
DEPTH DRILLED: **420'**
STATIC LEVEL: **351'**
WATER USAGE: **PUBLIC SUPPLY**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.390100000**
LATITUDE: **29.724260000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 202 Distance from Property: 3.33 mi. SE

STATE ID: **65-22-208**

OWNER'S NAME: **J BAIER**

DATE DRILLED: **10/00/1934**

DEPTH DRILLED: **309'**

WATER USAGE: **UNUSED**

LONGITUDE: **-95.310900000**

LATITUDE: **29.728650000**

SOURCE: **TWDB**

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522208/6522208.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 203 Distance from Property: 3.33 mi. WNW

STATE ID: **65-13-912**

OWNER'S NAME: **HOUSTON COTTON OIL CO.**

DATE DRILLED: **00/00/1893**

DEPTH DRILLED: **540'**

WATER USAGE: **UNUSED**

LONGITUDE: **-95.403720000**

LATITUDE: **29.780430000**

SOURCE: **TWDB**

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513912/6513912.pdf>



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 204 Distance from Property: 3.33 mi. NNE

ID NUMBER: TX199441
STATE ID : 65-14-4
OWNER NAME: BIG STATE FREIGHT
DATE DRILLED: 04/12/1985
DEPTH DRILLED: 410'
STATIC LEVEL: 220'
WATER USAGE: DOMESTIC
LONGITUDE: -95.343498000
LATITUDE: 29.807880000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 199441

1.1m NISK
7m NISK

44

State of Texas
WATER WELL REPORT

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Big State Freight Address 5656 Kelley Houston, Tx. 77026
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 6 miles in NE direction from Houston
(N.E., S.W., etc.) (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map. on 65-05-9 No map

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Public Supply Irrigation Test Well Other _____

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored Air Rotary Cable Tool Jetted Other _____

6) WELL LOG:
Date drilled 4/12/85

DIAMETER OF HOLE			7) BOREHOLE COMPLETION:		
Dia. (in.)	From (ft.)	To (ft.)	<input type="checkbox"/> Open Hole	<input type="checkbox"/> Straight Wall	<input type="checkbox"/> Underreamed
	Surface		<input type="checkbox"/> Gravel Packed	<input checked="" type="checkbox"/> Other <u>2 string cemented</u>	
<u>6-3/4</u>		<u>410</u>	If Gravel Packed give interval . . . from _____ ft. to _____ ft.		

From (ft.)		To (ft.)	Description and color of formation material	8) CASING, BLANK PIPE, AND WELL SCREEN DATA:				
				Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgt., if commercial	Setting (ft.)	Gage Casing Screen
							From	To
0	2		Concrete					
2	10		Clay					
10	20		Sand					
20	140		Clay	4"	N	PVC Casing	0	400
140	160		Sand	2 1/2"	N	Blank Liner	380	400
160	240		Clay	2 1/2"	N	PVC Slotted Screen	400	410
240	260		Sand					
260	300		Clay					
300	320		Sand					
320	390		Clay & Shale					
390	410		Sand					

CEMENTING DATA
Cemented from top ft. to bottom ft.
Method used Halliburton
Cemented by Robinson Water Well
(Company or Individual)

9) WATER LEVEL:
Static level .220 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

10) PACKERS: Type K Depth 380

MAY 07 1985

11) TYPE PUMP: 2HP Pump #251 Tank
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc., 300 ft.

12) WELL TESTS:
 Type Test: Pump Bailor Jetted Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? potable Depth of strata _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME Robinson Water Well Service, Inc Water Well Driller's License No. 1464
(Type or Print)

ADDRESS 11607 FM 149 Houston, Tx. 77086
(Street or RFD) (City) (State) (Zip)

(Signed) M. G. Red (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TOWR use only
Well No. 63744
Located on map _____

TOWR-0392 (Rev. 5-27-82)

DEPARTMENT OF WATER RESOURCES COPY



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 205 Distance from Property: 3.34 mi. N

ID NUMBER: TX205305
STATE ID : 65-14-4
OWNER NAME: TOM LANG
DATE DRILLED: 07/10/1998
DEPTH DRILLED: 47'
STATIC LEVEL: 6'
WATER USAGE: DOMESTIC
LONGITUDE: -95.361450000
LATITUDE: 29.808170000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205305

Send original copy by certified return receipt requested mail to: TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3087

ATTENTION OWNER: Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)		State of Texas WELL REPORT		Texas Water Well Drillers Advisory Council MC 177 P.O. Box 13087 Austin, TX 78711-3087 512-239-0530	
1) OWNER <u>TOM CANE</u> ADDRESS <u>5305 IRVINGTON HWY TX 77022</u>		(Name) (Street or RFD) (City) (State) (Zip)		GRID # <u>65 14-4</u>	
2) ADDRESS OF WELL: County <u>HARRIS</u> <u>SAME</u>		(Street, RFD or other) (City) (State) (Zip)			
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No		5)	
6) WELL LOG: Date Drilling: _____ Started <u>7/10</u> 19 <u>98</u> Completed _____ 19 _____		DIAMETER OF HOLE Dia. (in.) From (ft.) To (ft.) <u>4 1/2</u> Surface <u>47</u>		7) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____	
From (ft.) To (ft.) Description and color of formation material <u>0-22 - WHITE CLAY</u> <u>22-32 - RED CLAY</u> <u>32-47 - WHITE SAND</u>		8) Borehole Completion (Check): <input type="checkbox"/> Open Hole <input type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input checked="" type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give interval ... from <u>37</u> ft. to <u>47</u> ft.			
CASING, BLANK PIPE, AND WELL SCREEN DATA:					
Dia. (in.)		New or Used		Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	
				Setting (ft.)	
				From To	
				Gage Casing Screen	
<u>2</u>		<u>N</u>		<u>Plastic CASE</u> <u>0</u> <u>37</u> <u>SC490</u>	
<u>2</u>		<u>N</u>		<u>Plastic SCREEN</u> <u>37</u> <u>47</u> <u>.06</u>	
9) CEMENTING DATA [Rule 338.44(1)] Cemented from <u>0</u> ft. to <u>37</u> ft. No. of sacks used <u>9</u> _____ ft. to _____ ft. No. of sacks used _____ Method used <u>Pressure</u> Cemented by <u>Raymond Services, Inc.</u> Distance to septic system field lines or other concentrated contamination <u>150</u> ft. Method of verification of above distance <u>Customer</u>					
10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Slab Installed [Rule 338.44(2)(A)] <input checked="" type="checkbox"/> Specified Steel Sieve Installed [Rule 338.44(3)(A)] <input type="checkbox"/> Pitless Adapter Used [Rule 338.44(3)(b)] <input type="checkbox"/> Approved Alternative Procedure Used [Rule 338.71]					
11) WATER LEVEL: Static level <u>6</u> ft. below land surface Date <u>7/10/98</u> Artesian flow _____ gpm. Date _____					
12) PACKERS: Type Depth <u>NONE</u>					
13) TYPE PUMP: <input type="checkbox"/> Turbine <input checked="" type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowls, cylinder, jet, etc., _____ ft.					
14) WELL TESTS: Type test: <input type="checkbox"/> Pump <input type="checkbox"/> Bailor <input checked="" type="checkbox"/> Jetted <input type="checkbox"/> Estimated Yield: <u>5</u> gpm with <u>10</u> ft. drawdown after <u>1</u> hrs.					
15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input type="checkbox"/> No					
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.					
COMPANY NAME <u>Raymond Services, Inc.</u>		WELL DRILLER'S LICENSE NO. <u>4577WI</u> SFO # _____			
ADDRESS <u>10011 Airline Drive</u>		Houston TX <u>77037</u>			
(Street or RFD)		(City) (State) (Zip)			
(Signed) <u>[Signature]</u>		(Signed) <u>[Signature]</u>		MAR 30 1998 (Registered Driller Trainee)	
(Licensed Well Driller)		(Registered Driller Trainee)			

TNRCC-0199 (Rev. 05-21-95)



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 206 Distance from Property: 3.35 mi. WSW

WELL ID: 2732
OWNERS NAME:
YEAR DRILLED: 1939
DEPTH DRILLED: 526'
STATIC LEVEL: 400'
WATER USAGE: DOMESTIC/COMMERCIAL
WELL STATUS: ACTIVE
LONGITUDE: -95.402761000
LATITUDE: 29.737459000
SOURCE: HGSD



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 207 Distance from Property: 3.35 mi. NNE

ID NUMBER: TX205306
STATE ID : 65-14-4
OWNER NAME: LOLA HOLT
DATE DRILLED: 05/08/2001
DEPTH DRILLED: 68'
STATIC LEVEL: 20'
WATER USAGE: DOMESTIC
LONGITUDE: -95.339041000
LATITUDE: 29.807320000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205306

Well Owner: _____ Confidentiality Privilege Notice on reverse side of owner's copy.		Texas Department of License and Regulation Water Well Driller/Pump Installer Program P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX: (512)463-8616 Toll free (800)803-9202 Email address: water.well@license.state.tx.us			This form must be completed and filed with the department and owner within 60 days upon completion of the well.	
WELL REPORT						
A. WELL IDENTIFICATION AND LOCATION DATA						
1) OWNER						
Name	Address	City	State	Zip		
Lola Holt	5016 Neches	Houston	TX	77026		
2) WELL LOCATION						
County	Physical Address	City	State	Zip		
Harris						
3) Type of Work		Lat.	Long.	Grid # <u>65-14-4</u>		
<input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning		4) Proposed Use (check) <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No		5) <u>NT</u>		
6) Drilling Date		Diameter of Hole		7) Drilling Method (check)		
Started <u>5/8/01</u>		Dia.(in.)	From (ft)	To (ft)	<input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other	
Completed <u>5/8/01</u>		<u>5</u>	<u>Surface</u>	<u>68</u>		
From (ft)	To (ft)	Description and color of formation material		8) Borehole Completion <input type="checkbox"/> Open Hole <input type="checkbox"/> Straight Wall		
<u>0</u>	<u>22</u>	<u>Red clay</u>		<input type="checkbox"/> Under-reamed <input checked="" type="checkbox"/> Gravel Packed <input type="checkbox"/> Other If Gravel Packed give the interval from <u>65</u> ft. to <u>55</u> ft.		
<u>22</u>	<u>25</u>	<u>Sand 4Gr</u>		Casing, Blank Pipe, and Well Screen Data		
<u>25</u>	<u>50</u>	<u>Red clay</u>		Dia. (in.)	New Or Used	
<u>50</u>	<u>52</u>	<u>Sand 4Gr</u>		2	N	
<u>52</u>	<u>55</u>	<u>Red clay</u>		2	N	
<u>55</u>	<u>68</u>	<u>Sand 4Gr</u>				
<u>65</u>	<u>68</u>	<u>Red clay</u>				
				Setting (ft)	Gage Casing Screen	
				From	To	
					<u>52.40</u>	
					<u>000</u>	
(Use reverse side of Well Owner's copy, If necessary)						
13) Plugged <input type="checkbox"/> Well plugged within 48 hours						
Casing left in well: _____ Cement/Bentonite placed in well: _____						
From (ft)	To (ft)	From (ft)	To (ft)	Sacks used		
14) Typepump						
<input type="checkbox"/> Turbine <input checked="" type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other						
Depth to pump bowls, cylinder, jet etc. _____ ft.						
15) Water Test						
Type test <input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Jetted <input type="checkbox"/> Estimated						
Yield: <u>4</u> gpm with _____ ft. drawdown after _____ hrs.						
16) Water Quality						
Did you knowingly penetrate and strata which contain undesirable constituents.						
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If yes, did you submit a REPORT OF UNDESIRABLE WATER						
Type of water _____ Depth of Strata _____						
Was a chemical analysis made <input type="checkbox"/> Yes <input type="checkbox"/> No						
Company or individual's Name (type or print)			Raymond Services, Inc. 45774I			
Address		City	State	Zip		
<u>10031 Airline Drive</u>		<u>Houston</u>	<u>TX</u>	<u>77037</u>		
Signature	Date	Signature	Date			
	<u>5/8/01</u>		<u>5/8/01</u>			
Licensed Driller/Pump Installer	Date	Apprentice	Date			

TDLR FORM 001WWD

White - TDLR

Yellow - Owner

Pink - Driller/Pump Installer



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WATER UTILITY DATABASE (WUD)

MAP ID# 208 Distance from Property: 3.37 mi. SW

PWSID: 1010013
SOURCE ID: G1010013HR
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1919
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.389999390
LATITUDE: 29.723054890

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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WATER UTILITY DATABASE (WUD)

MAP ID# 208 Distance from Property: 3.37 mi. SW

PWSID: 1010013
SOURCE ID: G1010013HP
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 03/00/1917
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.389999390
LATITUDE: 29.723054890

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 209 Distance from Property: 3.38 mi. SW

TRACK #: 214937

DATE ENTERED: 2010-05-04

OWNER NAME: BOHNN, ANNE

OWNER ADDRESS: #8 WAVERLY COURT
HOUSTON, TX 77005

COUNTY: HARRIS

LATITUDE: 29.731111000 LONGITUDE: -95.399167000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=214937&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2010-02-17

DRILLING DATE (COMPLETED): 2010-02-19

DEPTH DRILLED: 370'

WATER LEVEL:

STATIC LEVEL: 182'

WATER LEVEL DATE: 2010-02-19

TYPE OF WATER: NOT TESTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: ALMEDA WATER WELL SERVICE

COMPANY ADDRESS: PO BOX 266
MANVEL, TX 77578

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 210 Distance from Property: 3.38 mi. W

WELL ID: 13807
OWNERS NAME: ROBERTSON, JAMES
YEAR DRILLED: Not Reported
DEPTH DRILLED: 420'
STATIC LEVEL: 20'
WATER USAGE:
WELL STATUS: PLUGGED
LONGITUDE: -95.409692000
LATITUDE: 29.759885000
SOURCE: HGSD



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 211 Distance from Property: 3.38 mi. E

ID NUMBER: TX205299
STATE ID : 65-14-8A
OWNER NAME: JOHN H. HARRISON
DATE DRILLED: 01/07/1963
DEPTH DRILLED: 120'
STATIC LEVEL: 86'
WATER USAGE: HOME
LONGITUDE: -95.297439000
LATITUDE: 29.769256000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205299

65148A

File original copy with Texas Water Commission, P. O. Box 2311, Capitol Station, Austin 11, Texas.

State of Texas
DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No. 65-148A
Located on map 112(2)
By WJ Date 63
Map No. 112(2)

1) Well Owner: John H. Harrison 2201 Truck Street Houston
2) Land Owner: _____
3) Intended use: Industrial Municipal Irrigation Other Home
4) Location of well: County Harris Labor _____ League _____ Abstract No. _____
Sec. 10 Twp. 10 S. of Section _____ Block No. _____ Survey _____

miles in _____ direction _____
from _____

SHIP CHANNEL
200' to 10'
114'
120'

Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

Method of drilling: Rotary Diameter of hole 4 in. Date drilled Jan 7, 1963

DRILLERS LOG OF WELL

All measurements made from _____ ft. above ground level.

From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material
0	10	Surface			
10	25	Red clay			
25	30	Red Sand			
30	65	Brown Clay			
65	68	Red Sand			
68	80	Red clay			
80	100	Blue Clay Shell			
100	120	Sand - fine			

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION		CASING			SCREEN		
Straight well <input checked="" type="checkbox"/> Under reamed <input type="checkbox"/> Gravel packed <input type="checkbox"/> Open hole <input type="checkbox"/> Other _____		Type: Old <input type="checkbox"/> New <input checked="" type="checkbox"/> Cemented from _____ ft. to _____ ft. Diameter (inches) _____ Setting from (ft) _____ to (ft) _____			Type <u>Boring Stainless</u> Perforated <input checked="" type="checkbox"/> Slotted <input type="checkbox"/> Diameter (inches) _____ Setting from (ft) _____ to (ft) _____		
		2	0	114	2	114 120	

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

Wm Smith ATL Well Service Reg. No. 2416

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

WATER LEVEL AND PUMP DATA			
Static water level <u>86'</u> ft. below _____		Pump type <u>Jet</u>	
Pumping level _____ feet _____ hours _____ gpm		Designed pumping rate <u>280</u> gpm <input type="checkbox"/> sph <input checked="" type="checkbox"/>	
		Type power unit <u>Electric</u>	
		Horsepower <u>3/4</u>	
		Depth to bowls, cylinder, jet, etc., <u>105'</u> ft. below pump base.	

Name of contractor testing well or installing permanent pump if other than your company: _____

C-34 (62-4)

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 211 Distance from Property: 3.38 mi. E

STATE ID: **65-14-819**
OWNER'S NAME: **JOHN H. HARRISON**
DATE DRILLED: **00/00/1963**
DEPTH DRILLED: **120'**
WATER USAGE: **DOMESTIC**
LONGITUDE: **-95.297440000**
LATITUDE: **29.769270000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514819/6514819.pdf>



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WATER UTILITY DATABASE (WUD)

MAP ID# 212 Distance from Property: 3.39 mi. SW

PWSID: 1010013
SOURCE ID: G1010013HT
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1931
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.389167790
LATITUDE: 29.722221370

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 213 Distance from Property: 3.40 mi. SW

ID NUMBER: TX199513
STATE ID : 65-21-3
OWNER NAME: DENNIS WRIGHT
DATE DRILLED: 10/29/1997
DEPTH DRILLED: 395'
STATIC LEVEL: 197'
WATER USAGE: DOMESTIC
LONGITUDE: -95.394077000
LATITUDE: 29.725883000
1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 199513

Send original copy by certified return receipt requested mail to: TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3087

ATTENTION OWNER: Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)		State of Texas WELL REPORT		Texas Water Well Drillers Advisory Council MC 177 P.O. Box 13087 Austin, TX 78711-3087 512-239-0530																	
1) OWNER <u>DENNIS Wright</u> (Name) ADDRESS <u>1029 West 21st St. Houston TX 77008</u> (Street or RFD) (City) (State) (Zip)		2) ADDRESS OF WELL: <u>#1 Shadow Lawn Circle Houston TX</u> (Street, RFD or other) (City) (State) (Zip) GRID # <u>65-21-3</u>																			
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No		5) X																	
6) WELL LOG: Date Drilling: <u>10-27-97</u> Started <u>10-27-97</u> Completed <u>10-29-1997</u>		DIAMETER OF HOLE <table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <tr> <th>Dia. (in.)</th> <th>From (ft.)</th> <th>To (ft.)</th> </tr> <tr> <td><u>63/4</u></td> <td>Surface</td> <td><u>375</u></td> </tr> <tr> <td><u>37/8</u></td> <td><u>375</u></td> <td><u>395</u></td> </tr> </table>		Dia. (in.)	From (ft.)	To (ft.)	<u>63/4</u>	Surface	<u>375</u>	<u>37/8</u>	<u>375</u>	<u>395</u>	7) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____								
Dia. (in.)	From (ft.)	To (ft.)																			
<u>63/4</u>	Surface	<u>375</u>																			
<u>37/8</u>	<u>375</u>	<u>395</u>																			
From (ft.) To (ft.) Description and color of formation material <u>0 365 Unconsolidated</u> <u>365 395 SAND</u>		8) Borehole Completion (Check): <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give interval ... from _____ ft. to _____ ft.																			
CASING, BLANK PIPE, AND WELL SCREEN DATA:																					
		Dia. (in.) New or Used Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial		Setting (ft.) From To																	
		<u>4 N PVC</u>		<u>0 375</u>																	
		<u>2 N GALVANIZED</u>		<u>364 385</u>																	
		<u>2 N PVC SCREEN</u>		<u>385 395 .014</u>																	
9) CEMENTING DATA [Rule 338.44(1)] Cemented from <u>0</u> ft. to <u>15</u> ft. No. of sacks used <u>8</u> <u>325</u> ft. to <u>375</u> ft. No. of sacks used <u>3</u> Method used <u>Halliburton / TRIMME</u> Cemented by <u>RUSSELL + SON INC.</u> Distance to septic system field lines or other concentrated contamination _____ ft. Method of verification of above distance _____																					
13) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowls, cylinder, jet, etc., <u>252</u> ft.		10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Slab Installed [Rule 338.44(2)(A)] <input checked="" type="checkbox"/> Specified Steel Sleeve Installed [Rule 338.44(3)(A)] <input type="checkbox"/> Pitless Adapter Used [Rule 338.44(3)(b)] <input type="checkbox"/> Approved Alternative Procedure Used [Rule 338.71]																			
14) WELL TESTS: Type test: <input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Jetted <input checked="" type="checkbox"/> Estimated Yield: <u>65</u> gpm with _____ ft. drawdown after _____ hrs.		11) WATER LEVEL: Static level <u>197</u> ft. below land surface Date <u>10-29-97</u> Artesian flow _____ gpm. Date _____																			
15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		12) PACKERS: <table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <tr> <th>FILE ID</th> <th>Type</th> <th>Depth</th> <th>SEQ #</th> </tr> <tr> <td><u>R-PAKTER</u></td> <td></td> <td><u>364</u></td> <td></td> </tr> <tr> <td>EM#</td> <td></td> <td></td> <td>DESC CD</td> </tr> <tr> <td></td> <td></td> <td><u>FER 04 1998</u></td> <td></td> </tr> </table>				FILE ID	Type	Depth	SEQ #	<u>R-PAKTER</u>		<u>364</u>		EM#			DESC CD			<u>FER 04 1998</u>	
FILE ID	Type	Depth	SEQ #																		
<u>R-PAKTER</u>		<u>364</u>																			
EM#			DESC CD																		
		<u>FER 04 1998</u>																			
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.																					
COMPANY NAME <u>RUSSELL + SON INC.</u> (Type or print) WELL DRILLER'S LICENSE NO. <u>2035</u>		ADDRESS <u>PO Box 874 Tomball TEXAS 77377-0874</u> (Street or RFD) (City) (State) (Zip)																			
(Signed) <u>Chad Russell</u> (Licensed Well Driller)		(Signed) _____ (Registered Driller Trainee)																			
Please attach electric log, chemical analysis, and other pertinent information, if available.																					

TNRCC-0199 (Rev. 05-21-96)



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 214 Distance from Property: 3.41 mi. NNE

WELL ID: **3993**
OWNERS NAME: **GOODWILL INDUSTRIES OF HOUSTON**
YEAR DRILLED: **1990**
DEPTH DRILLED: **540'**
STATIC LEVEL: **500'**
WATER USAGE: **PUBLIC SUPPLY**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.341355000**
LATITUDE: **29.808574000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 214 Distance from Property: 3.40 mi. NNE

STATE ID: **65-14-440**
OWNER'S NAME: **GOODWILL INDUSTRIES**
DATE DRILLED: **00/00/1984**
DEPTH DRILLED: **561'**
WATER USAGE: **PUBLIC SUPPLY**
LONGITUDE: **-95.341330000**
LATITUDE: **29.808560000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514440/6514440.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 214 Distance from Property: 3.40 mi. NNE

STATE ID: 65-14-431
OWNER'S NAME: GOODWILL INDUSTRIES #3
DATE DRILLED: 00/00/1955
DEPTH DRILLED: 579'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.341350000
LATITUDE: 29.808540000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514431/6514431.pdf>

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 214 Distance from Property: 3.41 mi. NNE

ID NUMBER: TX205385
STATE ID : 65-14-4E
OWNER NAME: GOODWILL INDUSTRIES
DATE DRILLED: 04/29/1984
DEPTH DRILLED: 561'
STATIC LEVEL: NOT REPORTED
WATER USAGE: DOMESTIC
LONGITUDE: -95.341348000
LATITUDE: 29.808577000

5 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 5
Water Well ID: 205385

DWP

Send original copy by certified mail to the Texas Department of Water Resources, P. O. Box 13087, Austin, Texas 78711

**State of Texas
WATER WELL REPORT**

For TOWR use only
Well No. 65-14-2E
Located on map YCS
Received: C.F.S.

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER: Gooder II Industries (Name) Address: 5200 Jensen (Street or RFD) Houston TX (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles in _____ direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map.

3) TYPE OF WORK (Check):
 New Well Deepening
 Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Public Supply
 Irrigation Test Well Other _____

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored
 Air Rotary Cable Tool Jetted Other _____

6) WELL LOG:
Well #1 (Standby)
 Date drilled: 4/29/84

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
10	Surface	500
8	500	561

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
 If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material	8) CASING, BLANK PIPE, AND WELL SCREEN DATA:					
			Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From To	Gage Casing Screen	
		<i>See attached Well Log</i>	5 1/2	N	Blank Steel cas	42	500	
		<i>Chem. Analysis</i>	3 1/2	N	Blank Steel lin	44	509	
		<i>(No E-log run)</i>	3 1/2	N	Lead seal	44		
			3 1/2	N	Steel casing screen	509	560	010
					Barweld			

CEMENTING DATA
 Cemented from Surface ft. to 500 ft.
 Method used Halliburton
 Cemented by Halliburton (Company or Individual)

9) WATER LEVEL:
 Static level ? ft. below land surface Date _____
 Artesian flow _____ gpm. Date _____

10) PACKERS: Type _____ Depth None

11) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
 Depth to pump bowls, cylinder, jet, etc. _____ ft.

12) WELL TESTS:
 Type Test: Pump Bailer Jetted Estimated
 Yield: 100 gpm with ? ft. drawdown after 4 hrs.

13) WATER QUALITY: Surface water control
 Did you knowingly penetrate any strata which contained undesirable water? Yes No
 If yes, submit "REPORT OF UNDESIRABLE WATER"
 Type of water? _____ Depth of strata _____
 Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Leland Lawson (Type or Print) Water Well Drillers Registration No. 28
 ADDRESS P.O. Box 9468 (Street or RFD) Houston TX (City) (State) (Zip) 77261
 (Signed) Leland Lawson #28 (Water Well Driller) Logan Texas Co (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TOWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

CB



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 5
 Water Well ID: 205385

LYNE TEXAS COMPAN
 HOUSTON -- DALLAS
WELL LOG

REPORT NO.
 S. O. 1102-2408
 PAGE 1 of 1
 FILE NO. 4139
 DATE 4/29/84

CUSTOMER LOCATION		WELL DATA	
FOR	Goodwill Industries	NAME WELL	WELL NO. 1
LOCATION WELL	5200 Block Jensen	ELEVATION	DATUM
SURVEY	FIELD	RT	C
COUNTY	Harris	TEST HOLE SIZE	7 7/8" TD 561'
OTHER LAND MARKS		DATE STARTED DRILLING	4/28/84
		DATE FINISHED DRILLING	4/29/84
		DRILLER	B. Baker
		TYPE MUD	Gel
		ELECTRIC LOG	TYPE
		SURVEY	None
		OTHER	

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES		
			DEPTH	TYPE	NUMBER
0		Surface			
10'	10'	Top soil			
150'	140'	Clay			
198'	48'	Sand			
220'	22'	Clay			
228'	8'	Sand			
230'	2'	Clay			
252'	22'	Sand			
256'	4'	Clay			
270'	14'	Sand			
315'	45'	Clay			
322'	7'	Sand			
379'	57'	Clay			
404'	25'	Sand			
424'	20'	Clay			
437'	13'	Sand			
444'	7'	Clay			
453'	9'	Sandy clay			
480'	27'	Sand			
490'	10'	Clay			
497'	7'	Sand			
500'	3'	Clay			
561'	61'	Sand			

4E

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 3 out of 5
 Water Well ID: 205385

EDNA WOOD LABORATORIES, INC.
 WATER TECHNOLOGISTS · CHEMISTS · MICROBIOLOGISTS

7 May 1984

To: Layne Texas Company
 P. O. Box 9469
 Houston, Texas 77261

SO #1102-2408

Sample marked: Well No. 3, Sample No. 1, Goodwell 5200 Janston. Pumping at 100 gpm. Screened: 510' to 560'. Clear - By Birdwell

Received: 5-1-84. Turbid sample, filtered for analysis thru 0.45µ membrane.

WATER ANALYSIS
 results in parts per million (mg/l) except as noted

Dissolved Residue at 350° C		280	Conductance, micromhos/cm, 25°C	500
Total Dissolved Solids, actual†		396	Color, units	15
Total Dissolved Solids, calc.		407	Turbidity, units	19
Silica	SiO ₂	23	As Calcium Carbonate, CaCO ₃ :	
Calcium	Ca	54	Phenolphthalein Alkalinity	0
Magnesium	Mg	7	Total Alkalinity	188
Sodium (diff.) Na + K as	Na	42	Total Hardness	163
Carbonate	CO ₃	0	Free Carbon Dioxide CO ₂	10
Bicarbonate	HCO ₃	229	pH . . . 7.53 at 23°C	
Sulfate	SO ₄	12	HYPOTHETICAL COMBINATIONS	
Chloride	Cl	38		
Total Fluoride	F	0.15		
Total Nitrate	NO ₃	1.6		
Total Manganese *	Mn	0.02		
Total Iron *	Fe	1.1		
Iron, filtered sample *	Fe	0.02		
*By Atomic Absorption				

†Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO₃) ion

9717
 pm

EDNA WOOD LABORATORIES, INC.

By: *Alice Perry*
 Alice Perry, Supervising Chemist

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 4 out of 5
 Water Well ID: 205385

EDNA WOOD LABORATORIES, INC.
 WATER TECHNOLOGISTS · CHEMISTS · MICROBIOLOGISTS

7 May 1984

To: Layne Texas Company
 P. O. Box 9469
 Houston, Texas 77261

SO #1102-2408

Sample marked: Well No. 3, Sample No. 1, Goodwell 5200 Janston. Pumping at 100 gpm. Screened: 510' to 560'. Clear - By Birdwell

Received: 5-1-84. Turbid sample, filtered for analysis thru 0.45µ membrane.

WATER ANALYSIS
 results in parts per million (mg/l) except as noted

Dissolved Residue at 350° C	280	Conductance, micromhos/cm, 25°C	500
Total Dissolved Solids, actual†	396	Color, units	15
Total Dissolved Solids, calc.	407	Turbidity, units	19
Silica SiO ₂	23	As Calcium Carbonate, CaCO ₃ :	
Calcium Ca	54	Phenolphthalein Alkalinity	0
Magnesium Mg	7	Total Alkalinity	188
Sodium (diff.) Na + K as Na	42	Total Hardness	163
Carbonate CO ₃	0	Free Carbon Dioxide CO ₂	10
Bicarbonate HCO ₃	229	pH . . . 7.53 at 23°C	
Sulfate SO ₄	12	HYPOTHETICAL COMBINATIONS	
Chloride Cl	38		
Total Fluoride F	0.15		
Total Nitrate NO ₃	1.6		
Total Manganese * Mn	0.02		
Total Iron * Fe	1.1		
Iron, filtered sample* Fe	0.02		
*By Atomic Absorption			

†Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO₃) ion

9717
 pm

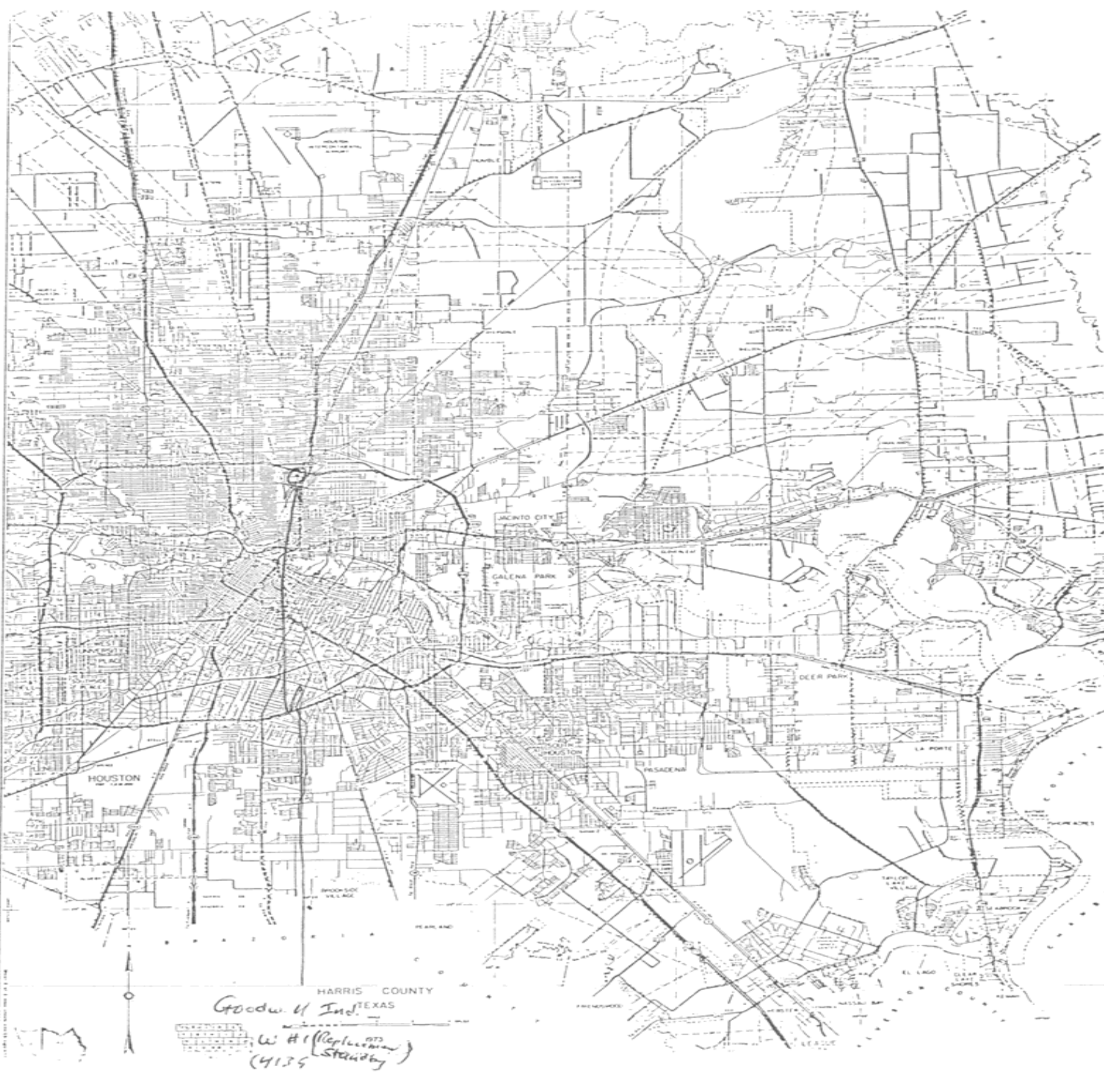
EDNA WOOD LABORATORIES, INC.

By: *Alice Perry*
 Alice Perry, Supervising Chemist

45

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 5 out of 5
Water Well ID: 205385



UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 214 Distance from Property: 3.40 mi. NNE

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294829095202702**

STATION NAME: **LJ-65-14-440**

SITE TYPE: **GW**

LATITUDE: **29.808560000** LONGITUDE: **-95.341330000**

DATE DRILLED: **04/29/1984**

WELL DEPTH: **561 feet**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **CHICOT AQUIFER**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 214 Distance from Property: 3.41 mi. NNE

WELL ID: 2270
OWNERS NAME: GOODWILL INDUSTRIES OF HOUSTON
YEAR DRILLED: 1955
DEPTH DRILLED: 579'
STATIC LEVEL: 496'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.341356000
LATITUDE: 29.808575000
SOURCE: HGSD



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 215 Distance from Property: 3.40 mi. SW

ID NUMBER: TX206016
STATE ID : 65-21-3
OWNER NAME: PETE MELSHER
DATE DRILLED: 10/28/1998
DEPTH DRILLED: 405'
STATIC LEVEL: 210'
WATER USAGE: DOMESTIC
LONGITUDE: -95.391900000
LATITUDE: 29.723999000
1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 206016

STATE OF TEXAS WATER WELL REPORT

1) OWNER: MELSHER, PETE ADDRESS: #2 REMINGTON CITY: HOUSTON STATE: TX ZIP:
2) LOCATION OF WELL: County: HARRIS 0 miles in SW direction from HOUSTON

LEGAL DESCRIPTION:
Section No.: G-8 Block No.: SW Township: HOUSTON
Abstract No.: REMINGTON Survey Name: CRAIN BUILDERS
Distance and direction from two intersecting section or survey lines: MAIN & REMINGTON

65-21-3

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: DOMESTIC 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 19231 DIAMETER OF HOLE FROM TO 7) BOREHOLE METHOD:
DIAMETER 9.5 0 405 STRAIGHT WALL
IF GRAVEL... FROM FT. YU FT. FT.
FROM FT. TO FT.

DATE DRILLED: 10/26/98

GEOLOGICAL DESCRIPTION:			8) CASING, BLANK PIPE, AND WELL SCREEN DATA:					
FROM	TO	DESCRIPTION	DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
0	3	TOP SOIL	5	N	PVC CASING	0	370	SDR17
3	40	CLAY	2.5	N	GALVANIZED LINER	354	375	WW
40	64	SAND	2.5	N	S/S PIPE BASE SCREEN	375	405	06
64	67	CALICHE	-----					
67	76	CLAY	-----					
76	82	SAND	-----					
82	140	CLAY	-----					
140	146	SAND	-----					

9) CEMENTING DATA:
Cemented from 370 FT. TO 0 FT.
FT. TO FT.
Method used: PRESSURE
Cemented by: ODCI

10) SURFACE COMPLETION:
OTHER

11) WATER LEVEL:
STATIC LEVEL : 210 FT. DATE: 10/26/98
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH
B P VALVE 354

13) TYPE PUMP: SUBMERSIBLE DEPTH TO PUMP: 294
14) WELL TEST: JETTED YIELD: 50 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY: TYPE OF WATER: N/A DEPTH OF STRATA: 35 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: O'DAY DRILLING CO., INC. WATER WELL DRILLER'S LICENSE NO.: 1877,4111 (4883) FOR TDWR USE ONLY
ADDRESS: 14405 GARDEN RD CITY: PEARLAND STATE: TX ZIP CODE: 77581

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1, 4 OR 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Joseph Mera (signed) _____
(LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)

FILE WELL NO. _____
LOCATED ON MAP _____
DATE: 10-26-1998
COMMENT _____

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 216 Distance from Property: 3.41 mi. SW

ID NUMBER: TX205404
STATE ID : 65-22-4
OWNER NAME: WINDI PHILLIPS
DATE DRILLED: 09/29/1997
DEPTH DRILLED: 522'
STATIC LEVEL: 200'
WATER USAGE: IRRIGATION
LONGITUDE: -95.395388000
LATITUDE: 29.727027000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205404

Send original copy by certified return receipt requested to: TNRCC, MC 177, P.O. Box 13067, Austin, TX 78711-3067

ATTENTION OWNER: Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)		State of Texas WELL REPORT		Texas Water Well Drillers Advisory Council MC 177 P.O. Box 13087 Austin, TX 78711-3087 512-239-0530																																					
1) OWNER <u>WINDI PHILLIPS</u> (Name)		ADDRESS <u>1310 SOUTH BLVD. Houston TX. 77006</u> (Street or RFD) (City) (State) (Zip)																																							
2) ADDRESS OF WELL: County <u>HARRIS</u>		ADDRESS <u>1310 SOUTH BLVD. Houston TX. 77006</u> (Street, RFD or other) (City) (State) (Zip)		GRID # <u>65-22-4</u>																																					
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No		5)																																					
6) WELL LOG: Date Drilling: Started <u>9-25</u> 19 <u>97</u> Completed <u>9-29</u> 19 <u>97</u>		DIAMETER OF HOLE Dia. (in.) From (ft.) To (ft.) <u>7-7/8</u> Surface <u>514</u> <u>4-1/2</u> <u>514</u> <u>522</u>		7) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other																																					
From (ft.) To (ft.) Description and color of formation material		8) Borehole Completion (Check): <input type="checkbox"/> Open Hole <input type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input checked="" type="checkbox"/> Other <u>2-STRIKES</u> If Gravel Packed give interval ... from _____ ft. to _____ ft.																																							
0-30 CLAY 30-80 SAND 80-140 RED CLAY-SHALE 140-240 SAND 240-320 SHALE + RED CLAY 320-460 SAND 460-480 CLAY 480-522 SAND		CASING, BLANK PIPE, AND WELL SCREEN DATA:																																							
		<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th rowspan="2">Dia. (in.)</th> <th rowspan="2">New or Used</th> <th rowspan="2">Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial</th> <th colspan="2">Setting (ft.)</th> <th rowspan="2">Gage Casting Screen</th> </tr> <tr> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>5"</td> <td>N</td> <td>PVC CASING</td> <td>514</td> <td>0</td> <td>SDR17</td> </tr> <tr> <td>2 1/2"</td> <td>N</td> <td>PVC SCREEN</td> <td>522</td> <td>514</td> <td>.012</td> </tr> <tr> <td>2 1/2"</td> <td>N</td> <td>PVC LINER</td> <td>536</td> <td>512</td> <td>SCH 40</td> </tr> <tr> <td>2 1/2"</td> <td>N</td> <td>PVC SCREEN</td> <td>546</td> <td>536</td> <td>.006</td> </tr> <tr> <td>2 1/2"</td> <td>N</td> <td>PVC LINER</td> <td>512</td> <td>490</td> <td>SCH 40</td> </tr> </tbody> </table>				Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casting Screen	From	To	5"	N	PVC CASING	514	0	SDR17	2 1/2"	N	PVC SCREEN	522	514	.012	2 1/2"	N	PVC LINER	536	512	SCH 40	2 1/2"	N	PVC SCREEN	546	536	.006	2 1/2"	N	PVC LINER	512
Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casting Screen																																				
			From	To																																					
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2 1/2"	N	PVC SCREEN	546	536	.006																																				
2 1/2"	N	PVC LINER	512	490	SCH 40																																				
(Use reverse side of Well Owner's copy, if necessary)		CEMENTING DATA [Rule 338.44(1)] Cemented from <u>514</u> ft. to <u>214</u> ft. No. of sacks used <u>30</u> <u>0</u> ft. to <u>15</u> ft. No. of sacks used <u>15</u> Method used <u>HALLI BURTON</u> Cemented by <u>ROBINSON WATER WELL SERVICE, INC.</u> Distance to septic system field lines or other concentrated contamination <u>N/A</u> ft. Method of verification of above distance <u>N/A</u>																																							
13) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowls, cylinder, jet, etc., <u>299</u> ft.		10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Slab Installed [Rule 338.44(2)(A)] <input checked="" type="checkbox"/> Specified Steel Sleeve Installed [Rule 338.44(3)(A)] <input type="checkbox"/> Pitless Adapter Used [Rule 338.44(3)(b)] <input type="checkbox"/> Approved Alternative Procedure Used [Rule 338.71]																																							
14) WELL TESTS: Type test: <input type="checkbox"/> Pump <input type="checkbox"/> Bailor <input checked="" type="checkbox"/> Jetted <input type="checkbox"/> Estimated Yield: _____ gpm with _____ ft. drawdown after _____ hrs.		11) WATER LEVEL: Static level <u>200</u> ft. below land surface Date <u>9-29-97</u> Artesian flow _____ gpm. Date _____																																							
15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		12) PACKERS: Type <u>K</u> Depth <u>490</u>																																							
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.																																									
COMPANY NAME <u>ROBINSON WATER WELL SERVICE, INC.</u> (Type or print)		WELL DRILLER'S LICENSE NO. <u>1464 WPTK</u>																																							
ADDRESS <u>11819 W. MONTGOMERY RD.</u> (Street or RFD)		<u>Houston</u> (City)		<u>77086</u> (Zip)																																					
(Signed) <u>Rob Robinson B.S.</u> (Licensed Well Driller)		(Signed) _____ (Registered Driller Trainee)																																							
Please attach electric log, chemical analysis, and other pertinent information, if available.																																									

TNRCC-0199 (Rev. 05-21-96)

White - TNRCC

Yellow - DRILLER

Pink - WELL OWNER



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 217 Distance from Property: 3.41 mi. NNW

STATE ID: 65-14-415
OWNER'S NAME: W. E. EMERSON
DATE DRILLED: 00/00/1953
DEPTH DRILLED: 191'
WATER USAGE: PUBLIC SUPPLY
LONGITUDE: -95.363680000
LATITUDE: 29.808890000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514415/6514415.pdf>



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SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 218 Distance from Property: 3.42 mi. SW

TRACK #: 544835

DATE ENTERED: 2020-06-03

OWNER NAME: MARK D'ANDREA

OWNER ADDRESS: 2 1/2 REMINGTON LN
HOUSTON, TX 77005

COUNTY: HARRIS

LATITUDE: 29.724722000 LONGITUDE: -95.392778000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=544835&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2020-05-20

DRILLING DATE (COMPLETED): 2020-05-26

DEPTH DRILLED: 370'

WATER LEVEL:

STATIC LEVEL: NOT REPORTED

WATER LEVEL DATE: 2020-05-26

TYPE OF WATER: GOOD

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: BALLARD WATER WELL CO. LLC

COMPANY ADDRESS: P.O. BOX 970
WILLIS, TX 77378



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 218 Distance from Property: 3.42 mi. SW

WELL ID: **14275**
OWNERS NAME: **DR. MARK D'ANDREA**
YEAR DRILLED: **Not Reported**
DEPTH DRILLED: **300'**
STATIC LEVEL: **280'**
WATER USAGE:
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.392821000**
LATITUDE: **29.724398000**
SOURCE: **HGSD**



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 219 Distance from Property: 3.43 mi. NW

ID NUMBER: TX206390
STATE ID : 65-13-2Q
OWNER NAME: SHIPLEY
DATE DRILLED: 03/24/1983
DEPTH DRILLED: 370'
STATIC LEVEL: 160'
WATER USAGE: DOMESTIC
LONGITUDE: -95.385695000
LATITUDE: 29.801278000

2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 206390



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 206390

65-13-2Q

Send original copy by certified mail to the Texas Department of Water Resources, P. O. Box 13087, Austin, Texas 78711

State of Texas WATER WELL REPORT
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Shipley (Name) Address 5200 N. Main (Street or RFD) Houston, Tx. (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 8 miles in NW direction from HOUSTON (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map. # 1

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Public Supply Irrigation Test Well Other _____

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored Air Rotary Cable Tool Jetted Other _____

6) WELL LOG:
Date drilled 3-24-83

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
6 1/2"	Surface	370'

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
						From	To	
0	3 n	top soil						
3	25	clay & sand						
25	49	clay	4"	New	Jetstream casing	above surface	350'	
49	60	sand	4"	new	stainless steel screen	350'	370'	.010
60	76	clay						
76	108	shale						
108	130	sand						
130	140	clay & sand						
140	164	sand						
164	196	clay						
196	212	sand						
212	226	clay						
226	270	sand						
270	351	clay						
351	370	sand & sandstone						

CEMENTING DATA
Cemented from _____ ft. to _____ ft.
Method used _____
Cemented by _____ (Company or Individual)

9) WATER LEVEL:
Static level 160 ft. below land surface Date 3-24-83
Artesian flow _____ gpm. Date _____

10) PACKERS: Type _____ Depth _____

11) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bows, cylinder, jet, etc., _____ ft.

12) WELL TESTS:
 Type Test Pump Bailor Jetted Estimated
Yield: 20 gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME Austin Col Water Well service Inc (Type or Print) Well Driller's License No. 1873 & 1874

ADDRESS 1323 Meyer (Street or RFD) Sealy (City) Texas (State) 77474 (Zip)

(Signed) [Signature] (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TOWR use only:
Well No. 65-13-2Q
Located on map YES C.P.S.

RECEIVED
SEP 12 1983
DEPT. OF
WATER RESOURCES

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 220 Distance from Property: 3.43 mi. SW

ID NUMBER: TX205981
STATE ID : 65-21-2
OWNER NAME: JOHN FORT
DATE DRILLED: 07/30/1998
DEPTH DRILLED: 385'
STATIC LEVEL: 200'
WATER USAGE: DOMESTIC
LONGITUDE: -95.396560000
LATITUDE: 29.727567000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205981

Send original copy by certified return receipt requested ms. TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3087

ATTENTION OWNER: Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)		State of Texas WELL REPORT		Texas Water Well Drillers Advisory Council MC 177 P.O. Box 13087 Austin, TX 78711-3087 512-239-0530	
1) OWNER <u>John Fort</u> (Name)		ADDRESS <u>1029 West 21st St. HSTN TX 77008</u> (Street or RFD) (City) (State) (Zip)			
2) ADDRESS OF WELL: County <u>Harris</u>		<u>1323 North Boulevard HSTN TX 77066</u> (Street, RFD or other) (City) (State) (Zip)		GRID # <u>65-21-2</u>	
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No		5)	
6) WELL LOG: Date Drilling: Started <u>7-29 19 98</u> Completed <u>7-30 19 98</u>		DIAMETER OF HOLE Dia. (in.) From (ft.) To (ft.) <u>.634</u> Surface <u>.365</u> <u>.378</u> <u>.365</u> <u>.385</u>		7) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other	
From (ft.) To (ft.) Description and color of formation material		8) Borehole Completion (Check): <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give interval ... from _____ ft. to _____ ft.			
<u>0</u> <u>350</u> <u>Unconsolidated</u>					
<u>350</u> <u>385</u> <u>Sand</u>					
CASING, BLANK PIPE, AND WELL SCREEN DATA:					
Dia. (in.)		New or Used		Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	
				Setting (ft.)	
				From To	
<u>4</u>		<u>N</u>		<u>PVC CASING</u> <u>0</u> <u>365</u>	
<u>2.5</u>		<u>N</u>		<u>Galvanized Line</u> <u>355</u> <u>365</u>	
<u>2.5</u>		<u>N</u>		<u>PVC Screen</u> <u>365</u> <u>385</u> <u>.012</u>	
9) CEMENTING DATA [Rule 338.44(1)] Cemented from <u>0</u> ft. to <u>15</u> ft. No. of sacks used <u>8</u> <u>315</u> ft. to <u>365</u> ft. No. of sacks used <u>3</u> Method used <u>Halliburton / TRIMME</u> Cemented by <u>BUSSELL + SON INC.</u> Distance to septic system field lines or other concentrated contamination _____ ft. Method of verification of above distance _____					
13) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bows, cylinder, jet, etc., _____ ft.					
14) WELL TESTS: Type test: <input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Jetted <input checked="" type="checkbox"/> Estimated Yield: <u>50</u> gpm with _____ ft. drawdown after _____ hrs.					
15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Slab Installed [Rule 338.44(2)(A)] <input checked="" type="checkbox"/> Specified Steel Sleeve Installed [Rule 338.44(3)(A)] <input type="checkbox"/> Pitless Adapter Used [Rule 338.44(3)(b)] <input type="checkbox"/> Approved Alternative Procedure Used [Rule 338.71]					
11) WATER LEVEL: Static level <u>200</u> ft. below land surface Date <u>7-30-98</u> Artesian flow _____ gpm. Date _____					
12) PACKERS: Type Depth <u>R-Packer</u> <u>355</u>					
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.					
COMPANY NAME <u>BUSSELL + SON INC.</u> (Type or print)		WELL DRILLER'S LICENSE NO. <u>2035</u>			
ADDRESS <u>PO Box 574</u> (Street or RFD)		<u>Tomball</u> (City)		<u>TX 77377</u> (State) (Zip)	
(Signed) <u>Craig Busnell</u> (Licensed Well Driller)		(Signed) <u>David Young</u> (Registered Driller/Trainer)			
Please attach electric log, chemical analysis, and other pertinent information, if available.					

TNRCC-0199 (Rev. 05-21-96) White - TNRCC Yellow - DRILLER Pink - WELLOOWNER



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SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 221 Distance from Property: 3.44 mi. E

TRACK #: 353580

DATE ENTERED: 2014-02-06

OWNER NAME: ROBERT SERNA

OWNER ADDRESS: 111 FAWN LINE
SHEPHERD, TX 77372

COUNTY: HARRIS

LATITUDE: 29.769167000 LONGITUDE: -95.296389000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=353580&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2013-07-16

DRILLING DATE (COMPLETED): 2013-07-18

DEPTH DRILLED: 246'

WATER LEVEL:

STATIC LEVEL: 1'

WATER LEVEL DATE: 2013-07-18

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: PATRICK DRILLING

COMPANY ADDRESS: 914 WASHINGTON
CLEVELAND, TX 77327

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 222 Distance from Property: 3.45 mi. ESE

STATE ID: 65-22-207

OWNER'S NAME: HOUSTON GOLF CLUB #2

DATE DRILLED: 03/00/1934

DEPTH DRILLED: 899'

WATER USAGE: UNUSED

LONGITUDE: -95.305216000

LATITUDE: 29.732162000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522207/6522207.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 222 Distance from Property: 3.45 mi. ESE

STATE ID: 65-22-214
OWNER'S NAME: HOUSTON GOLF CLUB
DATE DRILLED: NOT REPORTED
DEPTH DRILLED: 697'
WATER USAGE: UNUSED
LONGITUDE: -95.305218000
LATITUDE: 29.732160000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522214/6522214.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 222 Distance from Property: 3.45 mi. ESE

STATE ID: **65-22-206**

OWNER'S NAME: **HOUSTON GOLF CLUB**

DATE DRILLED: **06/09/1939**

DEPTH DRILLED: **1131'**

WATER USAGE: **UNUSED**

LONGITUDE: **-95.305220000**

LATITUDE: **29.732160000**

SOURCE: **TWDB**

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522206/6522206.pdf>



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 223 Distance from Property: 3.45 mi. SSW

ID NUMBER: TX230255
STATE ID : 65-11-2
OWNER NAME: TILLMAN DEVELOPMENT
DATE DRILLED: 07/31/1992
DEPTH DRILLED: 445'
STATIC LEVEL: 215'
WATER USAGE: DOMESTIC
LONGITUDE: -95.368723000
LATITUDE: 29.711863000

2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 230255

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711

⑤ Please use black ink.

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side		State of Texas WELL REPORT		Texas Water Well Drillers Board P.O. Box 13087 Austin, Texas 78711	
1) OWNER <u>Tillman Development</u> <small>(Name)</small>		ADDRESS <u>3221 North Mcgregor way HSTN TX 77004</u> <small>(Street or RFD) (City) (State) (Zip)</small>			
2) LOCATION OF WELL: <u>N. Mcgregor way (3221)</u> County <u>HARRIS</u> miles in _____ direction from _____ <small>(NE, SW, etc.) (Town)</small>					
Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.					
<input type="checkbox"/> LEGAL DESCRIPTION: Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____ Distance and direction from two intersecting section or survey lines _____ <input checked="" type="checkbox"/> SEE ATTACHED MAP					
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Monitor <input type="checkbox"/> Public Supply <input type="checkbox"/> Irrigation <input type="checkbox"/> Test Well <input type="checkbox"/> Injection <input type="checkbox"/> De-Watering		5) DRILLING METHOD (Check): <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Air Hammer <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Air Rotary <input type="checkbox"/> Cable Tool <input type="checkbox"/> Other _____	
6) WELL LOG: Date Drilling: <u>7-30</u> 19 <u>92</u> Started <u>7-31</u> 19 <u>92</u> Completed _____ 19____		DIAMETER OF HOLE Dia. (in.) From (ft.) To (ft.) <u>6 3/4"</u> Surface <u>445</u> <u>3 7/8"</u> _____ _____		7) BOREHOLE COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give interval . . . from _____ ft. to _____ ft.	
From (ft.) To (ft.) Description and color of formation material		8) CASING, BLANK PIPE, AND WELL SCREEN DATA:			
		Dia. (in.) New or Used Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial		Setting (ft.) From To Gage Casting Screen	
<u>0-27 TOPSOIL+CLAY</u> <u>395-410 CLAY</u>					
<u>27-69 SURFACE SAND</u> <u>410-420 SAND FINE</u>					
<u>69-160 CLAY+SAND STRAY</u> <u>420-440 CLAY</u>		<u>4"</u> <u>N</u> <u>PVC</u>		<u>0</u> <u>445</u>	
<u>160-177 SAND</u> <u>440-455 SAND</u>		<u>2"</u> <u>N</u> <u>GALVANIZED</u>		<u>440</u> <u>445</u>	
<u>177-214 CLAY</u>		<u>3"</u> <u>N</u> <u>PVC</u>		<u>445</u> <u>455</u> <u>.012</u>	
<u>214-291 SAND</u>					
<u>291-322 CLAY</u>					
<u>322-344 SAND</u>					
<u>344-380 CLAY (SANDY)</u>					
<u>380-395 SAND (FINE)</u>					
<small>(Use reverse side if necessary)</small>		RECEIVED		OCT 02 1992	
13) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowls, cylinder, jet, etc., <u>273'</u> ft.		CEMENTING DATA [Rule 287.44(1)] Cemented from <u>0</u> ft. to <u>15</u> ft. No. of Sacks Used <u>8</u> <u>395</u> ft. to <u>345</u> ft. No. of Sacks Used <u>3</u> Method used <u>HALLIBURTON METHOD</u> Cemented by <u>RUSSELL & SON</u>			
14) WELL TESTS: Type Test: <input type="checkbox"/> Pump <input type="checkbox"/> Baller <input checked="" type="checkbox"/> Jetted <input checked="" type="checkbox"/> Estimated Yield: <u>50</u> gpm with <u>25</u> ft. drawdown after <u>1</u> hrs.		10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Slab Installed [Rule 287.44(2)(A)] <input checked="" type="checkbox"/> Specified Steel Sleeve Installed [Rule 287.44(3)(A)] <input type="checkbox"/> Pitless Adapter Used [Rule 287.44(3)(B)] <input type="checkbox"/> Approved Alternative Procedure Used [Rule 287.71]			
15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		11) WATER LEVEL: Static level <u>215'</u> ft. below land surface Date <u>7-31-92</u> Artesian flow _____ gpm. Date _____			
		12) PACKERS: Type Depth <u>1-4X2 RXP</u> <u>RUBBER</u> <u>440'</u>			
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.					
COMPANY NAME <u>Bussell & Son Inc</u> <small>(Type or print)</small>		WELL DRILLER'S LICENSE NO. <u>2035</u>			
ADDRESS <u>PO Box 874</u> <small>(Street or RFD)</small>		<u>Tomball</u> <small>(City)</small>		<u>TX 77377-0874</u> <small>(State) (Zip)</small>	
(Signed) <u>Ray Bussell</u> <small>(Licensed Well Driller)</small>		(Signed) _____ <small>(Registered Driller Trainee)</small>			
Please attach electric log, chemical analysis, and other pertinent information, if available.				For TWC use only: Well No. <u>5</u> Located on map <u>6511-2</u>	

WWD-012 (Rev. 05-18-90)

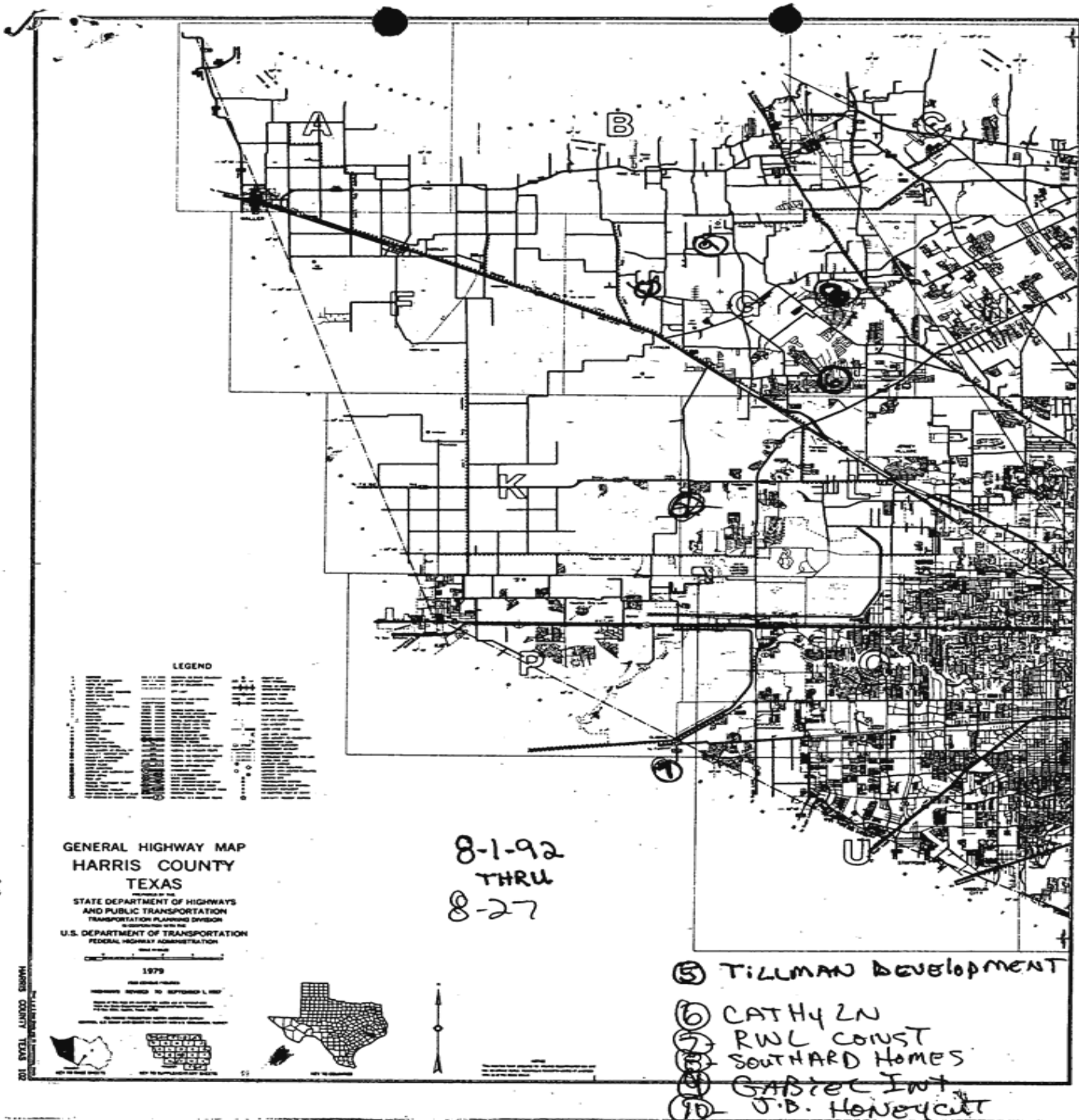
TEXAS WATER COMMISSION COPY



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 230255



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 224 Distance from Property: 3.46 mi. WNW

STATE ID: **65-13-911**

OWNER'S NAME: **SWIFT AND CO.**

DATE DRILLED: **00/00/1917**

DEPTH DRILLED: **670'**

WATER USAGE: **INDUSTRIAL**

LONGITUDE: **-95.405390000**

LATITUDE: **29.781750000**

SOURCE: **TWDB**

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513911/6513911.pdf>



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 225 Distance from Property: 3.46 mi. SW

ID NUMBER: TX221215
STATE ID : 65-21-3
OWNER NAME: MR HENDERSON
DATE DRILLED: 10/09/1986
DEPTH DRILLED: 400'
STATIC LEVEL: 227'
WATER USAGE: DOMESTIC
LONGITUDE: -95.393615000
LATITUDE: 29.724240000
1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 221215

.9 mi SINK
1.1 mi WIER
101 31

Please use black ink. Send original copy by certified mail to the Texas Water Commission, P.O. Box 13087, Austin, Texas 78711

**State of Texas
WATER WELL REPORT**

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER MR. Henderson Address #5 Remington Ln. Hstn. TX. 77005
 2) LOCATION OF WELL: # 4 (Name) Remington Ln. (Street or RFD) (City) (State) (Zip)
 County HARRIS miles in _____ direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
 Abstract No. _____ Survey Name _____
 Distance and direction from two intersecting section or survey lines _____
 See attached map. MAP 65-16-4

3) TYPE OF WORK (Check):
 New Well Deepening
 Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Monitor Public Supply
 Irrigation Test Well Injection Other Supply

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Jetted Bored
 Air Rotary Cable Tool Other _____

6) WELL LOG:
 Date Drilling: Started 10-8 1986
 Completed 10-9 1986

From (ft.)	To (ft.)	Description and color of formation material	DIAMETER OF HOLE		
			Dia. (in.)	From (ft.)	To (ft.)
				Surface	400
0	35	Top Soil + Clay			
35	62	Surface Sand			
62	145	Clay			
145	150	Sand			
150	315	Clay			
315	320	Sand			
320	340	Clay			
340	350	Sand			
350	370	Clay + Sand streaks			
370	400	Sand			

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
 If Gravel Packed give interval ... from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf. Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
4	N	PVC	0	380	
2	N	Galvanized	374	380	
2	N	P.U.C.	380	390	.014
2	N	P.U.C.	390	400	.020

9) CEMENTING DATA [Rule 319.44(b)]
 Cemented from 0 ft. to 10 ft. No. of Sacks Used 2
330 ft. to 380 ft. No. of Sacks Used 5
 Method used Haliburton
 Cemented by Bussell & Son, Inc.

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
 Static level 227 ft. below land surface Date 10/9/86
 Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
 Depth to pump bowls, cylinder, jet, etc., _____ ft.

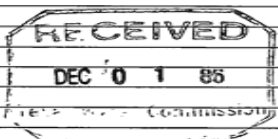
14) WELL TESTS:
 Type Test: Pump Bailer Jetted Estimated
 Yield: 40 gpm with 30 ft. drawdown after 2 hrs.

15) WATER QUALITY:
 Did you knowingly penetrate any strata which contained undesirable water? Yes No
 If yes, submit "REPORT OF UNDESIRABLE WATER"
 Type of water? _____ Depth of strata _____
 Was a chemical analysis made? Yes No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Bussell & Son, Inc. Water Well Driller's License No. 2035
 ADDRESS P.O. Box 874 Tomball TX. 77375
 (Street or RFD) (City) (State) (Zip)
 (Signed) Ray Bussell (Signed) _____
 (Licensed Water Well Driller) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use only Well No. 65-21-3 Located on map _____



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 225 Distance from Property: 3.46 mi. SW

ID NUMBER: TX206018
STATE ID : 65-21-3
OWNER NAME: MR HENDERSON
DATE DRILLED: 10/01/1986
DEPTH DRILLED: 400'
STATIC LEVEL: 227'
WATER USAGE: DOMESTIC
LONGITUDE: -95.393611000
LATITUDE: 29.724239000
1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 206018

9m: SINK
1.1m: WIP
WEL# 29 ✓

Please use black ink. Send original copy by certified mail to the Texas Water Commission, P.O. Box 13087, Austin, Texas 78711.

State of Texas WATER WELL REPORT
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Mr. Henderson Address #5 Remington Ln, Hsta TX 78025
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: # 4 Remington
County Harris miles in _____ direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map. 65-16-4 map

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other _____

5) DRILLING METHOD (Check): Driven Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other _____

6) WELL LOG:
Date Drilling: Started 9/20/86 Completed 10/1/86

From (ft.)	To (ft.)	Description and color of formation material	DIAMETER OF HOLE		
			Dia. (in.)	From (ft.)	To (ft.)
0	35	Top Soil + Clay			
35	62	Surface Sand			
62	145	Clay			
145	150	Sand			
150	315	Clay			
315	330	Sand			
330	340	Clay			
340	350	Sand			
350	370	Clay + Sand streaks			
370	400	Sand			

7) BOREHOLE COMPLETION: Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
4	N	PVC	0	380	
2 1/2	N	Galv.	374	380	
2 1/2	N	PVC	380	390	.016
2 1/2	N	PVC	390	400	.020

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 10 ft. No. of Sacks Used 2
330 ft. to 380 ft. No. of Sacks Used 5
Method used Haliburton
Cemented by Bussell & Son, Inc

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pile's Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 227 ft. below land surface Date 10/1/86
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: Pump Bailor Jetted Estimated
Yield: 15 gpm with 10 ft. drawdown after 2 hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water: _____ Depth of strata _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Bussell & Son, Inc Water Well Driller's License No. 2035
(Type or Print)

ADDRESS P.O. Box 874 Tomball TX 77375
(Street or RFD) (City) (State) (Zip)

(Signed) raig Bussell (Registered Water Well Driller) (Registered Professional Engineer)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only.
Well No. 65-213
Located on map _____

TWC-0392 (Rev. 06-10-85)

TEXAS WATER COMMISSION COPY



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 226 Distance from Property: 3.47 mi. SW

ID NUMBER: TX206024
STATE ID : 65-21-3J
OWNER NAME: HOUSTON LIGHT & POWER CO
DATE DRILLED: 11/08/1973
DEPTH DRILLED: 400'
STATIC LEVEL: 157'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.395172000
LATITUDE: 29.725523000
1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 206024

Send original copy by certified mail to the Texas Water Development Board - P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TWDB use only
Well No. 65-21-35
Located on map 44125
Received: dl

1) OWNER:
Person having well drilled Houston Light & Power Co. Address P. O. Box 1700, Houston, TX 77001
(Name) (Street or RFD) (City) (State)

Landowner Same Address Clodine Station, 13000 Blk Bissonet
(Name) (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris miles in _____ direction from _____ (Town)
(N., E., S., W., etc.)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

SEE REVERSE SIDE

North ↑

(Use reverse side if necessary)

3) TYPE OF WORK (Check):
New Well Deepening
Reconditioning _____ Plugging _____

4) PROPOSED USE (Check):
Domestic _____ Industrial Municipal _____
Irrigation _____ Test Well _____ Other _____

5) TYPE OF WELL (Check):
Rotary Driven _____ Dug _____
Cable _____ Jetted _____ Bored _____

6) WELL LOG:
Diameter of hole 4 in. Depth drilled 0 ft. Depth of completed well 400 ft. Date drilled 11-8-73
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	24	Surface Clay
24	48	Yellow Clay
48	72	Yellow Clay
72	96	Sand & Clay
96	120	Rock
120	144	Sand
144	168	Clay
168	192	Clay
192	216	Rock & Sand
216	240	Rock & Sand
240	264	Clay (Over)

9) CASING:
Type: Old _____ New Steel _____ Plastic _____ Other _____
Cemented from _____ ft. to _____ ft.

Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Casing _____

10) SCREEN:
Type: Stainless Steel Rod Base
Perforated Slotted _____

Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Slot Size _____

2 1/2" 385 400
2 3/8" 370 385

7) COMPLETION (Check):
Straight wall Gravel packed _____ Other _____
Under reamed _____ Open Hole _____

8) WATER LEVEL:
Static level 157 ft. below land surface Date 11-8-73
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 252 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No _____ If yes, by whom? _____
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes _____ No
Did any strata contain undesirable water? Yes _____ No _____
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME R. B. Lowry Water Well Drillers Registration No. 146
(Type or Print)

ADDRESS 4012 Fulton, P. O. Box 5207, Houston, TX 77009
(Street or RFD) (City) (State)

(Signed) R. B. Lowry Lowry Water Wells
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 227 Distance from Property: 3.48 mi. SSW

ID NUMBER: TX205408
STATE ID : 65-22-4
OWNER NAME: MR. PAUL PENDLETON
DATE DRILLED: 06/10/1988
DEPTH DRILLED: 485'
STATIC LEVEL: 225'
WATER USAGE: DOMESTIC
LONGITUDE: -95.373211000
LATITUDE: 29.712798000

2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205408

Please use Black Ink.
Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT
Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Mr. Paul Pendleton Address 3028 South MacGregor Way, Hou., TX 77021
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL:
County Harris 4 miles in SF direction from Houston
(N.E., S.W., etc.) (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map.

3) TYPE OF WORK (Check):
 New Well Deepening
 Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Monitor Public Supply
 Irrigation Test Well Injection Other _____

5) DRILLING METHOD (Check): Driven
 Mud Rotary Air Hammer Jetted Bored
 Air Rotary Cable Tool Other _____

6) WELL LOG:
Date Drilling: Started 5/31 1988 Completed 6/10 1988

From (ft.)	To (ft.)	Description and color of formation material	DIAMETER OF HOLE		
			Dia. (in.)	From (ft.)	To (ft.)
0	3	Top Soil			
3	30	Red Clay			
30	68	Sand, Yellow, Fine.	4	new	PVC
68	70	Sand, w/Streaks of Clay.	2	new	PVC
70	153	Red Clay	2	new	PVC Wrapped
153	163	Sand, Fine	2	new	PVC Wrapped
163	183	Red Clay			
183	190	Sand, Fine.			
190	228	Clay			
228	265	Sand, Fine.			
265	362	Clay			
362	378	Sand, w/Streaks of Clay			
378	406	Clay			
406	430	Sand and Clay Mix.			
430	457	Clay			
457	485	Sand, Medium to Coarse.			

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other 4" x 2 1/4"
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgt., if commercial	Setting (ft.)		Cage Casing Screen
			From	To	
			0	455	
			445	465	
			465	475	010
			475	485	012

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 10 ft. No. of Sacks Used 3
455 ft. to 100 ft. No. of Sacks Used 20
Method used Pressure Cemented & Grouted
Cemented by O'Day Drilling Co.

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 225 ft. below land surface Date 6/3/88
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Rubber K Depth 445'

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc., 357 ft.

14) WELL TESTS:
Type Test: Pump Bailor Jetted Estimated
Yield: 47 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Derrick Drilling Co. Water Well Driller's License No. 1958
(Type or Print)

ADDRESS P.O. Box 1704 Pearland Texas 77588
(Street or RFD) (City) (State) (Zip)

(Signed) [Signature] (Signed) _____
(Licensed Water Well Driller) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use only Well No. 65-22-4 Located on map _____

WWD-012 (Rev. 01-28-87)

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Page # 2 out of 2
Water Well ID: 205408



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 228 Distance from Property: 3.48 mi. SW

ID NUMBER: TX206019
STATE ID : 65-21-3
OWNER NAME: MR HENDERSON
DATE DRILLED: 10/10/1986
DEPTH DRILLED: 400'
STATIC LEVEL: 227'
WATER USAGE: DOMESTIC
LONGITUDE: -95.393233000
LATITUDE: 29.723514000
1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1

Water Well ID: 206019

4-1-11
1100 WIER 32

Please use black ink, Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Mr. Henderson Address #5 Remington Hstr TX 70005
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL # 4 Remington W.
County Harris miles in _____ direction from _____ (Town)

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map. Map 65-16-4

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other Supply

5) DRILLING METHOD (Check): Driven Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other _____

6) WELL LOG:
Date Drilling: Started 10-9-86 Completed 10-10-86

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
	Surface	400

7) BOREHOLE COMPLETION: Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
If Gravel Packed give interval ... from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc.	Setting (ft.)		Gage Casing Screen
						From	To	
0	35	TOP Soil & Clay						
35	62	SURFACE SAND						
62	145	Clay	4	N	PVC	0	380	
145	150	Sand	2	N	Galvanized	374	380	
150	315	Clay	2	N	PVC	380	390	.014
315	320	Sand	2	N	PVC	390	400	.020
320	340	Clay						
340	350	Sand						
350	370	Clay & Sand streaks						
370	400	Sand						

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 10 ft. No. of Sacks Used 2
330 ft. to 380 ft. No. of Sacks Used 5
Method used Hali bur ton
Cemented by Bussell & Son, Inc.

10) SURFACE COMPLETION
 Specified Surface Stab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 227 ft. below land surface Date 10/10/86
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: Pump Bailor Jetted Estimated
Yield: 40 gpm with 30 ft. drawdown after 2 hrs.

5) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

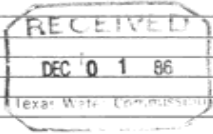
COMPANY NAME Bussell & Son, Inc. Water Well Driller's License No. 2035
(Type or Print)

ADDRESS P.O. Box 874 Tomball TX 77375
(Street or RFD) (City) (State) (Zip)

Signed Raig Bussell (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available. For TWC use only, Well No. 65-21-3 Located on map _____

©-0392 (Rev. 06-10-85) TEXAS WATER COMMISSION COPY



HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 229 Distance from Property: 3.50 mi. SW

WELL ID: 1111
OWNERS NAME: HOUSTON, CITY OF
YEAR DRILLED: 1962
DEPTH DRILLED: 2215'
STATIC LEVEL: 700'
WATER USAGE: PUBLIC SUPPLY
WELL STATUS: PLUGGED
LONGITUDE: -95.389760000
LATITUDE: 29.720641000
SOURCE: HGSD



www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 229 Distance from Property: 3.50 mi. SW

STATE ID: 65-21-306
OWNER'S NAME: CITY OF HOUSTON SOUTH END #11
DATE DRILLED: 04/00/1962
DEPTH DRILLED: 2215'
WATER USAGE: PUBLIC SUPPLY
LONGITUDE: -95.389760000
LATITUDE: 29.720640000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521306/6521306.pdf>



www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 15
State ID: 65-21-306

WRD Exp. (GW)
April 1966

Well No. 65-21-306

WELL SCHEDULE
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

U. S. DEPT. OF THE INTERIOR

MASTER CARD (T. BROWN)

Record by RBA(4-2-62) Source FILES Date 2-21-68 Map Bellaire 1955

State Texas County Harris Sequential number: 1

Latitude: 29° 43' 19" N Longitude: 095° 23' 16" W

Local well number: 1-65-21-306 Other number: SOUTHEAST #11

Local use: _____ Owner or name: CITY OF HOUSTON

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist. M

Use of water: (A) Air cond., (B) Bottling, (C) Comm., (D) Dewater., (E) Fire, (F) Dom., (G) Irr., (H) Mad., (I) Ind., (J) P.S., (K) Rec., (S) Stock, (T) Unused, (U) Recharge, (V) Desal-P.S., (W) Desal-other, (X) Other. P

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res., (E) Obs., (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed. W

DATA AVAILABLE: Well date 1 Freq. W/L meas.: Annual Field aquifer char. 4

Hyd. lab. data: _____

Qual. water data; type: _____

Freq. sampling: 6-6-62 Pumpage inventory: A yes/no. period: _____

Aperture cards: _____

Log data: E-LOG AA-24 D-Log 0-2558

WELL-DESCRIPTION CARD

Depth well: 2215 ft. Meas. Driller

Depth cased: 700 ft. Casing type: S Diam. 24-12 3/4 in.

Finish: (C) porous concrete, (F) gravel v. concrete, (G) gravel v. (perforated), (H) horiz. gallery, (I) open end, (J) horiz. screen, (K) perf., (L) screen, (M) sd. pt., (N) shored, (O) open hole, (P) other. G

Method: (A) air bored, (B) cable, (C) dug, (D) hyd. jetted, (E) jettied, (F) air perc., (G) reverse, (H) trenching, (I) driven, (J) drive wash, (K) other. H

Date drilled: APR - 1962 Pump intake setting: _____ ft.

Driller: TEXAS WATER WELLS, INC. Houston, Texas

Lift: (A) air, (B) bucket, (C) cent., (D) jct., (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot., (J) subarg., (K) turb., (L) other. S Deep D

Power: (nat) diesel, (elec) gas, (LP) gasoline, (hand) gas, (wind) wind; H.P. 5 Trans. of water no. _____

Descrip. MP _____ ft. below LSD. Alt. MP _____

Alt. LSD: 49' Accuracy: 5' TOPO

Water Level: 256.73 ft. below MP; 6.62 LSD Accuracy: meas.

Date meas: 6-7-62 Yield: 2316 gpm. Pumping period: 48 hrs. Method determined: 4

Drawdown: 57 ft. Accuracy: meas. 0. Pumping period: 48 hrs.

QUALITY OF WATER DATA: Iron _____ Surface _____ Chloride _____ Hard. _____ Sp. Conduct _____ Temp. _____

314
257
57

Well No. 65-21-306

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 3 out of 15
State ID: 65-21-306

Well No. LJ-65-21-306

Latitude-longitude 29, 43, 19 ^W 99, 5, 23, 16

HYDROGEOLOGIC CARD

1 SAME AS OR MASTER CARD 19 Physiographic Province: COASTAL PLAINS 20 Section: _____

21 Drainage Basin: F 22 Subbasin: 51R 23 _____ 24 _____

25 (D) depression, stream channel, dunes, flat, hilltop, sink, swamp. (C) (E) (F) (H) (K) (L)
26 Topo of well site: (O) (P) (S) (T) (U) (V) _____ 27 _____
28 offshore, pediment, hillside, terrace, undulating, valley flat

29 MAJOR AQUIFER: system _____ series 7 30 aquifer, formation, group E 31 _____

32 Lithology: _____ 33 Origin: _____ 34 Aquifer Thickness: _____ ft

35 Length of well open to: 440 36 440 37 Depth to top of: _____ ft 38 _____ 39

40 MINOR AQUIFER: system _____ series _____ 41 aquifer, formation, group _____ 42 _____

43 Lithology: _____ 44 Origin: _____ 45 Aquifer Thickness: _____ ft

46 Length of well open to: _____ ft 47 _____ 48 Depth to top of: _____ ft 49 _____ 50

51 Intervals Screened: 700-715, 750-780, 795-810, 880-900, 940-970, 970-1020

52 Depth to consolidated rock: _____ ft 53 Source of data: _____ 54 _____

55 Depth to basement: _____ ft 56 Source of data: _____ 57 _____

58 Surficial material: _____ 59 Infiltration characteristics: _____ 60 _____

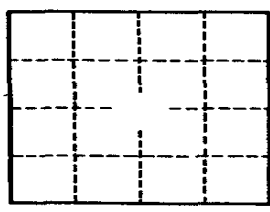
61 Coefficient Trans: _____ gpd/ft² 62 Coefficient Storage: _____ 63 _____

64 Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____ 65 _____

* SCREENS:

- 1040-1055
- 1080-1100
- 1120-1130
- 1170-1185
- 1285-1300
- 1350-1370
- 1385-1410
- 1430-1445
- 1465-1480
- 1500-1515
- 1540-1560
- 1580-1610
- 1670-1685
- 1715-1730
- 1925-1935
- 2075-2085
- 2115-2125
- 2145-2155
- 2180-2195

659
0-590 = 24''
500-2215 = 12 3/4''



ONE HOUR RECOVERY TEST
9-13-68
GPM = 1404
PL = 367.0 } MP = +2.0'
SL = 327.8 }
T = 118,800
SP. CAP. = 35.8

Well No. LJ-65-21-306

GPO 857-700

WATER SUPPLY, DEEP WELLS AND PUMPS

A. E. FAWCETT, JR., PRESIDENT

TEXAS WATER WELLS

INC.



April 1962

**CITY OF HOUSTON
SOUTH END #11**

DRILLER'S LOG

<u>FROM</u>	<u>TO</u>	<u>FORMATION</u>
0	11	Rotary to Ground
11	18	Clay
18	25	Sand
25	100	Clay and Sand
100	100	Sandy Shale & Sand
100	263	Shale
263	300	Sand
300	343	Shale
343	428	Sand
428	455	Shale
455	500	Sand
500	535	Shale
535	585	Sand Streaks & Shale
585	621	Sand
621	652	Shale
652	688	Sand & Shale
688	820	Sand & Shale Streaks
820	890	Shale
890	910	Sand
910	933	Shale
933	1033	Sand
1033	1054	Sandy Shale
1054	1175	Sand
1175	1185	Sand
1185	1188	Lime Shell
1188	1215	Gyp
1215	1232	Sand
1232	1240	Lime Shell
1240	1285	Shale

*ATTACH
7 pages
WW# 65-21-30A*

65-21-306

MEMBER TEXAS WATER WELL DRILLING CONTRACTORS ASSOCIATION

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

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CITY OF HOUSTON
South End Water Well #11
Driller's Log
Page 2

<u>FROM</u>	<u>TO</u>	<u>FORMATION</u>
1325	1330	Sand
1330	1350	Shale
1350	1445	Sand
1445	1455	Shale
1455	1500	Sand
1500	1555	Shale
1555	1645	Sand
1645	1665	Shale
1665	1740	Sand
1740	1805	Shale
1805	1850	Sand
1850	2030	Shale
2030	2111	Shale & Sand Streaks
2111	2126	Sand
2126	2138	Shale
2138	2200	Sand
2200	2253	Shale
2253	2304	Sandy Shale
2304	2374	Hard Lime
2374	2389	Sand
2389	2393	Lime & Shale
2393	2315	Shale & Lime Streaks
2315	2325	Sand
2325	2331	Shale & Lime Streaks
2331	2356	Sand
2356	2385	Sand & Shell
2385	2410	Sand & Lime
2410	2445	Sandy Shale
2445	2505	Sandy Shale
2505	2526	Sandy Shale
2526	2556	Shale

65-21-306
 65-213a

WATER SUPPLY, DEEP WELLS AND PUMPS

A. E. FAWCETT, JR., PRESIDENT

TEXAS WATER WELLS

INC.



951 MCCARTY DRIVE, HOUSTON 29, TEXAS, PHONE OR-2-7581

April- 1968

City of Houston
Houston, Texas

Water Well No. Southend 11

SETTING DATA:

SURFACE CASING:

SET AND CEMENTED IN PLACE: 580' of 24" O. D., .375" W. T. P. S. casing.

SCREEN AND BLANK LINER:

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>
500'	700'	12-3/4" Blank Liner
700'	715'	-12-3/4" S. S. Screen
715'	750'	12-3/4" Blank Liner
750'	760'	-12-3/4" S. S. Screen
760'	765'	12-3/4" Blank Liner
765'	810'	-12-3/4" S. S. Screen
810'	820'	12-3/4" Blank Liner
820'	830'	-12-3/4" S. S. Screen
830'	840'	12-3/4" Blank Liner
840'	870'	-12-3/4" S. S. Screen
870'	880'	12-3/4" Blank Liner
880'	1020'	-12-3/4" S. S. Screen
1020'	1040'	12-3/4" Blank Liner
1040'	1055'	-12-3/4" S. S. Screen
1055'	1060'	12-3/4" Blank Liner
1060'	1100'	-12-3/4" S. S. Screen
1100'	1120'	12-3/4" Blank Liner
1120'	1130'	-12-3/4" S. S. Screen
1130'	1170'	12-3/4" Blank Liner
1170'	1185'	-12-3/4" S. S. Screen

65-21-306
65-21-306

MEMBER TEXAS WATER WELL DRILLING CONTRACTORS ASSOCIATION

City of Houston
Houston, Texas

Water Well No. Southland 11

SETTING DATA (con't)

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>
1185'	1205'	12-3/4" Blank Liner
1205'	1200'	✓ 12-3/4" S. S. Screen
1200'	1250'	12-3/4" Blank Liner
1250'	1270'	✓ 12-3/4" S. S. Screen
1270'	1300'	12-3/4" Blank Liner
1300'	1410'	✓ 12-3/4" S. S. Screen
1410'	1420'	12-3/4" Blank Liner
1420'	1445'	✓ 12-3/4" S. S. Screen
1445'	1450'	12-3/4" Blank Liner
1450'	1480'	✓ 12-3/4" S. S. Screen
1480'	1500'	12-3/4" Blank Liner
1500'	1515'	✓ 12-3/4" S. S. Screen
1515'	1540'	12-3/4" Blank Liner
1540'	1580'	✓ 12-3/4" S. S. Screen
1580'	1580'	12-3/4" Blank Liner
1580'	1610'	✓ 12-3/4" S. S. Screen
1610'	1670'	12-3/4" Blank Liner
1670'	1685'	✓ 12-3/4" S. S. Screen
1685'	1715'	12-3/4" Blank Liner
1715'	1730'	✓ 12-3/4" S. S. Screen
1730'	1825'	12-3/4" Blank Liner
1825'	1885'	✓ 12-3/4" S. S. Screen
1885'	2075'	12-3/4" Blank Liner
2075'	2080'	✓ 12-3/4" S. S. Screen
2080'	2115'	12-3/4" Blank Liner
2115'	2125'	✓ 12-3/4" S. S. Screen
2125'	2145'	12-3/4" Blank Liner
2145'	2155'	✓ 12-3/4" S. S. Screen
2155'	2180'	12-3/4" Blank Liner
2180'	2185'	✓ 12-3/4" S. S. Screen
2185'	2215'	12-3/4" Blank Liner

pressure valve and wood wash plug.

65-21-306

65-21-30a

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

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City of Houston
Southend # 11

June 7, 1962
Page 2

6:30	22	315	2316
7:30	22	317	2316
8:30	22	317	2316
9:30	22	317	2316
10:30	22	317	2316
11:30	22	317	2316
12:30 pm	22	317	2316
1:30	22	317	2316
2:30	22	317	2316
3:30	22	317	2316
4:30	22	316	2316
5:30	22	316	2316
6:30	22	316	2316
7:30	22	316	2316
8:30	22.5	315	2316
9:30	22.5	315	2316
10:30	22.5	315	2316
11:30	22	314	2316
12:30 am	22	312	2316
1:30	22	312	2316
2:30	22	312	2316
3:30	22	312	2316
4:30	22	312	2316
5:30	22	314	2316

RECOVERY

5:35
5:30
5:35
5:40
5:45
5:50
5:00
6:10
6:20
6:30
6:40
6:50
7:00

WATER LEVEL

250.54'
250.82'
250.81'
250.89'
250.16'
250.89'
257.90'
257.15'
256.84'
256.79'
256.55'
256.40'
256.25'

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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

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TEXAS WATER COMMISSION

COMMISSIONERS

JOE D. CARTER, CHAIRMAN
O. F. DENT
H. A. BECKWITH

813 STATE OFFICE BUILDING
201 EAST 14TH STREET

AREA CODE 512
GREENWOOD 6-6791



P. O. BOX 2311
CAPITOL STATION
AUSTIN 11, TEXAS
November 13, 1962

JOHN J. VANDERTULIP
CHIEF ENGINEER

C. R. BASKIN
ASS'T. CHIEF ENGINEER

ELBERT HOOPER
CHIEF EXAMINER

BEN F. LOONEY, JR.
SECRETARY

Mr. L. M. Fawcett, Secretary
Texas Water Wells, Inc.
951 McCarty Drive
Houston 29, Texas

Dear Sir:

This is to acknowledge receipt on November 8, 1962 of the Drillers Log and Well Data Report sent in by your company for a well drilled in Harris County for City of Houston, Southend Water Well No. 11, on April-1962.

When your logs are received at this office they are located and plotted on county highway maps, this is our reason for requesting accurate location information and a sketch giving distance and direction of the well from permanent land marks.

Our ability to plot these wells with relative accuracy greatly increase their value to us in our work.

We would appreciate receiving this information on the above named well at your earliest convenience.

Please utilize the back of this letter for the requested information.

Very truly yours,

James R. Wall
James R. Wall
Geologic Aide

JRW:jlt

RECEIVED D
DEC 18 1962

TEXAS WATER COMMISSION
AUSTIN, TEXAS

RECEIVED NOV 15 1962

*Last Attach
65-21-306
65-21-306*

WATER SUPPLY, DEEP WELLS AND PUMPS

A. E. FAWCETT, JR., PRESIDENT

TEXAS WATER WELLS

INC.



951 MCCARTY DRIVE, HOUSTON 29, TEXAS, PHONE OR-2-7581

June 7, 1962

City of Houston
Southeast 611
Houston, Texas

Date Started June 4, 1962
Office 12 x 12
Water Level 100'
Airline 2 1/2" / 4"

PUMPING TEST

<u>TIME</u>	<u>HEAD IN FEET</u>	<u>PUMPING LEVEL</u>	<u>GPM</u>
5:30 am started test			
6:30	22	314	2300
7:30	22.5	315	2340
8:30	22	315	2310
9:30	22	315	2320
10:30	22	315	2310
11:30	22	315	2310
12:30pm	22	315	2310
1:30	22	315	2310
2:30	22	317	2310
3:30	18	318	1800
4:30	22	317	2310
5:30	22.5	317	2340
6:30	22.5	317	2340
7:30	22.5	318	2340
8:30	22	317	2310
9:30	22	315	2310
10:30	22	315	2310
11:30	22	314	2310
6-5-62			
12:30am	22	314	2310
1:30	22	315	2310
2:30	22	314	2310
3:30	21	315	2300
4:30	22	314	2310
5:30	22	315	2310

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65-21-306

MEMBER TEXAS WATER WELL DRILLING CONTRACTORS ASSOCIATION

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

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16-134
(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

020992

Latitude 29.4319 Longitude 095.231601 Seq. No. 01

County code 201 County Harris

Well # LT-65-21-306

Project number 7-4648-01000

Date 2-14-77 Time Temp °C 27.0

Owner City of Houston

Address South End #11

Date drld 1962 WBF code 21691

Sample interval: (top) 700 (bottom) 1020

Water level Appr Use

Collector Bottle Yield GPM

Smpld aftr pmpg Depth

Pt of coll Tap on discharge

Field: Cond pH HCO₃ DO

Indicate types of analyses

Coliform Phenols Minors
Nutrients MBAS BOD TOC DOC
Std chem schedule
Other I
Herbicide Insecticide
Remarks:

Type 2 Station identification number 29.4319.095.2316.01

Y M D Time of measurement
17 Begin 22 29 32

Depth Parameter code 72008 Value Exp. Rmk

Yield (GPM) Parameter code 00059 Value Exp. Rmk

Sample interval P Parameter code 72015 Value 7000 Exp. 03 Rmk

Sample interval BOTTOM Parameter code 72016 Value 1020 Exp. 04 Rmk

Water level Parameter code 72019 Value Exp. Rmk

Sampled after pumping	Parameter code	Value	Exp.	Rmk
<input type="checkbox"/>	7,2,0,0,4	<u> </u>	<u> </u>	<u> </u>
DO (mg/l)	0,0,3,0,0	<u> </u>	<u> </u>	<u> </u>
DO % Sat.	0,0,3,0,1	<u> </u>	<u> </u>	<u> </u>
Temp °C	0,0,0,1,0	<u>27.00</u>	<u>0.2</u>	<u>27.0</u>
pH	0,0,4,0,0	<u>7.800</u>	<u>0.1</u>	<u>7.8</u>
Specific conductance	0,0,0,9,5	<u>573.0</u>	<u>0.3</u>	<u>573</u>
HCO ₃	0,0,4,4,0	<u>278.0</u>	<u>0.3</u>	<u>278</u>
CO ₂	0,0,4,4,5	<u>0.000</u>	<u>0.1</u>	<u>0</u>
Chloride (Cl)	0,0,9,4,0	<u>41.00</u>	<u>0.2</u>	<u>41</u>
Sulfate (SO ₄)	0,0,9,4,5	<u>13.00</u>	<u>0.2</u>	<u>13</u>
Color	0,0,0,8,0	<u> </u>	<u> </u>	<u> </u>
Coliform, membrane filter	3,1,5,0,1	<u> </u>	<u> </u>	<u> </u>
Coliform, fecal	3,1,6,2,5	<u> </u>	<u> </u>	<u> </u>
Strep-tococci	3,1,6,7,3	<u> </u>	<u> </u>	<u> </u>
BOD	0,0,3,1,0	<u> </u>	<u> </u>	<u> </u>
		<u> </u>	<u> </u>	<u> </u>
		<u> </u>	<u> </u>	<u> </u>
		<u> </u>	<u> </u>	<u> </u>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

017573

Latitude 0 7 4 3 1 9 Longitude 0 9 5 2 3 1 6 0 1 Seq. No. 0 1

County code 201 County Harris

Well # LJ-65-4306

Project number 4648-01000

Date 2-10-76 Time Temp °C 27.5

Owner City of Houston

Address Southeast #11

Date drld WBF code 21 EVGL

Sample interval:(top) 200 (bottom) 2195

Water level Appr clear Use PS

Collector Naftel Yield GPM

Smpld aftr pmpg on arrival Depth

Pt of coll tap on discharge

Field: Cond pH HCO₃ DO

Indicate types of analyses

Coliform Phenols Minors

1 cients MBAS BOD TOC DOC

Std chem schedule I

Other

Herbicide Insecticide

Remarks:

Type 2 Station identification number 2 9 4 3 1 9 0 9 5 2 3 1 6 0 1

Y 7 6 M 0 2 D 1 0 Time of measurement

17 Begin 22 29 32

Depth Parameter code 7 2 0 0 8 Value Exp. Rmk

Yield (GPM) 0 0 0 5 9

Sample interval 7 2 0 1 5 7 0 0 0 0 3

Sample interval 7 2 0 1 6 2 1 9 5 0 4

BOTTOM

Water level 7 2 0 1 9

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	7 2 0 0 4			
DO (mg/l)	0 0 3 0 0			
DO % Sat.	0 0 3 0 1			
Temp °C	0 0 0 1 0	27.50	02	27.5
pH	0 0 4 0 0	7.900	01	1.9
Specific conductance	0 0 0 9 5	5.730	03	573
HCO ₃	0 0 4 4 0	27.00	03	270
CO ₃	0 0 4 4 5	0000	01	0
Chloride (Cl)	0 0 9 4 0	4.200	02	42
Sulfate (SO ₄)	0 0 9 4 5	15.00	02	15
Color	0 0 0 8 0			
Coliform, membrane filter	3 1 5 0 1			
Coliform, fecal	3 1 6 1 6			
Strep-tococci	3 1 6 7 9			
BOD	0 0 3 1 0			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 13 out of 15
State ID: 65-21-306

(11-74)

Latitude 29 43 19 Longitude 0 95 23 16 01 Seq. No. 01

County code 5201 County Harris

Well # LJ-65-21-306

Project number 5-4648-01000

Date 2-6-75 Time _____ Temp °C 27.5

Owner City of Houston

Address Southend #11

Date drld 5-1962 WBF code 121 EVGL

Sample interval:(top) 700 (bottom) 2195

Water level _____ Appr _____ Use PS

Collector Naftel Yield _____ GPM _____

Smpld aftr pmpg on arrival Depth 2215

Pt of coll faucet on pipe

Field: Cond _____ pH _____ HCO₃ _____ DO _____

Indicate types of analyses

Coliform _____ Phenols _____ Minors _____

Nutrients _____ MBAS _____ BOD _____ TOC _____ DOC _____

Std chem schedule I + SO₄

Other _____

Herbicide _____ Insecticide _____

Remarks:

WATER RESOURCES DIVISION
Austin, Texas

01000

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	7 2 0 0 4			
DO (mg/l)	0 0 3 0 0			
DO % Sat.	0 0 3 0 1			
Temp °C	0 0 0 1 0	27.50	0.2	
pH	0 0 4 0 0	7.500	0.1	7.5
Specific conductance	0 0 0 9 5	57.10	0.3	57
HCO ₃	0 0 4 4 0	274.0	0.3	27
CO ₃	0 0 4 4 5	0.000	0.1	0
Chloride (Cl)	0 0 9 4 0	420.0	0.2	42
Sulfate (SO ₄)	0 0 9 4 5	140.0	0.2	14
Color	0 0 0 8 0			
Coliform, membrane filter	3 1 5 0 1			
Coliform, fecal	3 1 6 1 6			
Strep-tococci	3 1 6 7 9			
BOD	0 0 3 1 0			

Type 2 Station identification number 29 43 19 0 95 23 16 01

Y 7 M 5 D 02 Time of measurement _____

17 Begin 22 29 32

Depth	Parameter code	Value	Exp.	Rmk
	7 2 0 0 8	2215	0.4	
Yield (GPM)	0 0 0 5 9			
Sample interval TOP	7 2 0 1 5	700.0	0.3	
Sample interval BOTTOM	7 2 0 1 6	2195	0.4	
Water level	7 2 0 1 0			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 14 out of 15
State ID: 65-21-306

019986

Latitude 294319 Longitude 095231601 Seq. No. 01

County code 101 County HARRIS

Well # LJ 65-21-306

Project number T4648-01000

Date 9-23-76 Time 1045 Temp °C 27.5

Owner CITY OF HOUSTON

Address SOUTH END #11

Date drld 4/19/82 WBF code EVEL

Sample interval: (top) 700 (bottom) 1020

Water level 427 Appr CLEAR Use PS

Collector BEZANT Yield 1875 GPM

Smpld aftr pmpg ON ARRIVAL Depth -

Pt of coll TAP ON Disch. Pipe

Field: Cond _____ pH _____ HCO₃ _____ DO _____

Indicate types of analyses

Coliform _____ Phenols _____ Minors _____

Nutrients _____ MBAS _____ BOD _____ TOC _____ DOC _____

Food chem schedule I

Other _____

Herbicide _____ Insecticide _____

Remarks:

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	7,2,0,0,4			
DO (mg/l)	0,0,3,0,0			
DO % Sat.	0,0,3,0,1			
Temp °C	0,0,0,1,0	27.50	0.2	27.5
pH	0,0,4,0,0	7.700	0.1	7.7
Specific conductance	0,0,0,9,5	535.0	0.3	535
HCO ₃	0,0,4,4,0	263.0	0.3	263
CO ₂	0,0,4,4,5	0.000	0.1	0
Chloride (Cl)	0,0,9,4,0	350.0	0.2	35
Sulfate (SO ₄)	0,0,9,4,5	120.0	0.2	12
Color	0,0,0,8,0			
Coliform, membrane filter	3,1,5,0,1			
Coliform, fecal	3,1,6,1,6			
Strep-tococci	3,1,6,7,9			
BOD	0,0,3,1,0			

Type 2 Station identification number 294319095231601

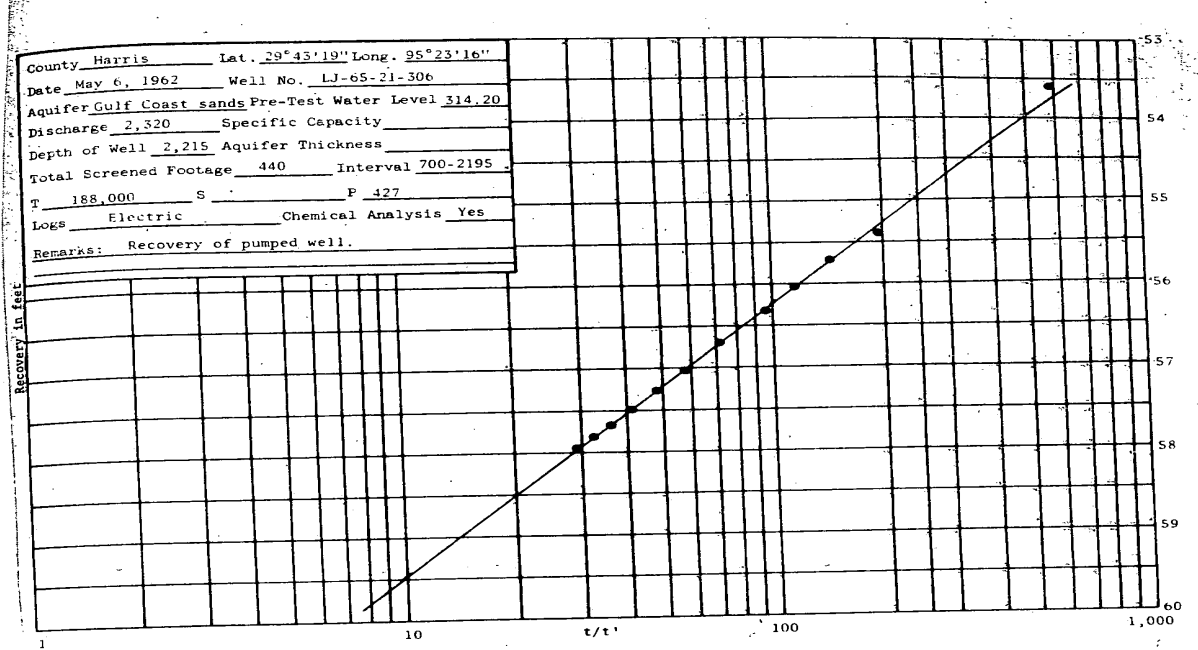
Y 7 M 6 D 0923 Time of measurement _____

17 Begin 22 29 32

Depth	Parameter code	Value	Exp.	Rmk
	7,2,0,0,8			
Yield (GPM)	0,0,0,5,9			
Sample interval TOP	7,2,0,1,5	7,0,0,0	0,3	
Sample interval BOTTOM	7,2,0,1,6	1,0,2,0	0,4	
Water level	7,2,0,1,9			



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 229 Distance from Property: 3.50 mi. SW

STATE ID: 65-21-304
OWNER'S NAME: CITY OF HOUSTON
DATE DRILLED: 01/25/1958
DEPTH DRILLED: 2190'
WATER USAGE: PLUGGED OR DESTROYED
LONGITUDE: -95.389760000
LATITUDE: 29.720640000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521304/6521304.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 6
State ID: 65-21-304

WRD Exp. (GW)
April 1966

Well No. J-65-21-304

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD (T. BROWN)
R.K.G. (7-27-63) Source
Record by W.L.N. (10-21-61) of date FILES Date 2-21-68 Map Bellaire 1955 1:24,000

State TEXAS County HARRIS Sequential number 1

Latitude: 29° 43' 20" N Longitude: 095° 23' 19" W

Local well number: J-65-21-304 Other number: SOUTHEND #10

Local use: _____ Owner or name: CITY OF HOUSTON Address: _____

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist M

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P.S., Rec, WATER: _____

Use of Well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdrawal, Waste, Destroyed W

DATA AVAILABLE: Well data 1 Freq. W/L meas.: Annual S Field aquifer char. _____

Hyd. lab. data: _____

Qual. water data; type: _____

Freq. sampling: 3-8-58 A Pumpage inventory: yes _____ no _____

Aperture cards: _____

Log data: E-LOG AA-23 F

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 2190 ft 2130 Meas. Driller 3

Depth cased: 795 ft 795 Casing type: S accuracy _____; Dia. 24-1/2 in 24

Finish: porous concrete, gravel v. (perf.), (screen), (gall.) and, horiz. Open perf., screen, sd. pt., shored, open Etc. G

Method: air bored, cable, dup, hyd, jetted, air, reverse trenching, driven, drive, rot, percussive, rotary, wash, OTHER H

Date Drilled: 1-25-58 258 Pump intake setting: _____ ft _____

Driller: TEXAS WATER WELLS, INC. HOUSTON, TEXAS address _____

Lift (type): air, bucket, cent, jet, multiple, multiple, nose, piston, rot, submarg, turb, other 7 (Shallow) D

Power (type): diesel, nat gas, gasoline, hand, gas, wind; H.P. 250 W ISSUES OF METER NO. _____

Descrip. MP _____ ft above _____ below LSD. Alt. MP _____

Alt. LSD: 50 50 Accuracy: (source) 5' TOPO 3

Water Level 242.67 ft above MP; Ft below LSD 243 Accuracy: M.C.S. A

Date meas: 3-8-58 358 Yield: 2515 gpm 2515 Method determined H

Drawdown: 46 ft 46 Accuracy: M.C.S. 0 Pumping period 96 hrs 96

QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____

Sp. Conduct _____ K x 10⁶ _____ Temp. _____ °F _____ Date sampled _____

Taste, color, etc. _____

Well No. J-65-21-304

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 6
State ID: 65-21-304

Well No. LJ-65-21-304

Latitude-longitude 29, 43, 20 ⁰ 95, 23, 19.1

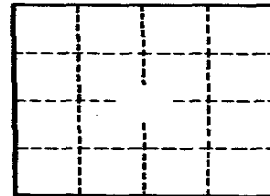
HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: COASTAL PLAINS Section: _____
 Drainage Basin: F Subbasin: 51P Section: _____
 (D) (C) (X) (P) (H) (K) (L)
 Topo of depression, stream channel, dunes, flat, hilltop, sink, swamp,
 well site: (Q) (P) (S) (Y) (U) (V) _____
 offshore, pediment, hillside, terrace, undulating, valley flat _____
 MAJOR AQUIFER: system _____ series T aquifer, formation, group F
 Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft
 Length of well open to: 400 ft Depth to top of: 400 ft
 MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____
 Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft
 Length of well open to: _____ ft Depth to top of: _____ ft
 * Intervals Screened: 795-810, 835-855, 890-905, 925-950, 1005-1020, 1085-1100
 Depth to consolidated rock: _____ ft Source of data: _____
 Depth to basement: _____ ft Source of data: _____
 Surficial material: _____ Infiltration characteristics: _____
 Coefficient Trans: 1 spd/ft: _____ Coefficient Storage: _____
 Coefficient Perm: _____ spd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

* SCREENS:

- 1175-1190
- 1290-1310
- 1350-1380
- 1395-1410
- 1455-1470
- 1505-1545
- 1580-1595
- 1615-1625
- 1665-1680
- 1710-1735
- 2070-2095
- 2110-2120
- 2140-2150
- 2160-2170

039
 0-595 = 24"
 995-2170 = 1234"



ONE HOUR RECOVERY TEST
9-12-68

GPM = 1804
 PL = 367.2 } m.p. + 1.5
 SL = 337.9 }
 T = 161,400
 SP. CAP. = 61.6

$$\begin{array}{r} 367.2 \\ 337.9 \\ \hline 29.3 \end{array}$$

Well No. LJ-65-21-304

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

020991

(11-74)

Latitude 29 43 20 Longitude 09 52 31 9 01 Seq. No. 01

County code 201 County Harris

Well # LJ-65-21-304

Project number 7-4648-01000

Date 2-15-77 Time — Temp °C 26.5

Owner City of Houston

Address South End #10

Date drld 1958 WBF code 121 Evgl

Sample interval: (top) 795 (bottom) 2170

Water level — Appr Clear Use PS

Collector Butler Yield — GPM

Smpld aftr pmpg — Depth —

Pt of coll Tap on discharge

Field: Cond — pH — HCO₃ — DO —

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	7 2 0 0 4			
DO (mg/l)	0 0 3 0 0			
DO % Sat.	0 0 3 0 1			
Temp °C	0 0 0 1 0	26 50	0 2	26.5
pH	0 0 4 0 0	7 8 0 0	0 1	7.8
Specific conductance	0 0 0 9 5	5 2 2 0	0 3	522
HCO ₃	0 0 4 4 0	2 5 8 0	0 3	258
CO ₂	0 0 4 4 5	0 0 0 0	0 1	0
Chloride (Cl)	0 0 9 4 0	3 3 0 0	0 2	33
Sulfate (SO ₄)	0 0 9 4 5	1 4 0 0	0 2	14
Color	0 0 0 8 0			
Coliform, membrane filter	3 1 5 0 1			
Coliform, fecal	3 1 6 2 5			
Strep-tococci	3 1 6 7 3			
BOD	0 0 3 1 0			

Indicate types of analyses

Coliform — Phenols — Minors —

Nutrients — MBAS — BOD — TOC — DOC —

Std chem schedule —

Other I

Herbicide — Insecticide —

Remarks:

Type 2 Station identification number 29 43 20 09 52 31 9 01

Y — M — D — Time of measurement —

17 Begin 22 29 32

Depth	Parameter code	Value	Exp.	Rmk
	7 2 0 0 8			
Yield (GPM)	0 0 0 5 9			
Sample interval P	7 2 0 1 5	7 9 5 0	0 3	
Sample interval BOTTOM	7 2 0 1 6	2 1 7 0	0 4	
Water level	7 2 0 1 9			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 4 out of 6
State ID: 65-21-304

TX-73Q
(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

017572

Latitude 29° 43' 20" Longitude 095° 23' 90" Seq. No. 001

County code 201 County Harris

Well # LJ-65-21-304

Project number 4648-01000

Date 2-10-76 Time — Temp °C 27.0

Owner City of Houston

Address Southern #10

Date drld — WBF code 121EV66

Sample interval: (top) 295 (bottom) 2170

Water level — Appr clear Use PS

Collector Wattal Yield — GPM

Smpld aftr pmpg — Depth —

Pt of coll top on discharge pipe

Field: Cond — pH — HCO₃ — DO —

Indicate types of analyses

Coliform — Phenols — Minors —

rients — MBAS — BOD — TOC — DOC —

Std chem schedule I

Other —

Herbicide — Insecticide —

Remarks:

Type 2 Station identification number 294320095239001

Y 7 M 6 D 2 Time of measurement 10

17 Begin 22 29 32

Depth Parameter code 72008 Value — Exp. — Rmk —

Yield (GPM) Parameter code 00059 Value — Exp. — Rmk —

Sample interval TOP Parameter code 72015 Value 79.50 Exp. 0.3 Rmk —

Sample interval BOTTOM Parameter code 72016 Value 217.0 Exp. 0.4 Rmk —

Water level Parameter code 72019 Value — Exp. — Rmk —

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	<u>72004</u>	<u>—</u>	<u>—</u>	<u>—</u>
DO (mg/l)	<u>00300</u>	<u>—</u>	<u>—</u>	<u>—</u>
DO % Sat.	<u>00301</u>	<u>—</u>	<u>—</u>	<u>—</u>
Temp °C	<u>00010</u>	<u>27.00</u>	<u>0.2</u>	<u>27.0</u>
pH	<u>00400</u>	<u>7.800</u>	<u>0.1</u>	<u>7.8</u>
Specific conductance	<u>00095</u>	<u>5290</u>	<u>0.3</u>	<u>529</u>
HCO ₃	<u>00440</u>	<u>2560</u>	<u>0.2</u>	<u>256</u>
CO ₃	<u>00445</u>	<u>0000</u>	<u>0.1</u>	<u>0</u>
Chloride (Cl)	<u>00940</u>	<u>3600</u>	<u>0.2</u>	<u>36</u>
Sulfate (SO ₄)	<u>00945</u>	<u>1600</u>	<u>0.2</u>	<u>16</u>
Color	<u>00080</u>	<u>—</u>	<u>—</u>	<u>—</u>
Coliform, membrane filter	<u>31501</u>	<u>—</u>	<u>—</u>	<u>—</u>
Coliform, fecal	<u>31616</u>	<u>—</u>	<u>—</u>	<u>—</u>
Strep-tococci	<u>31679</u>	<u>—</u>	<u>—</u>	<u>—</u>
BOD	<u>00310</u>	<u>—</u>	<u>—</u>	<u>—</u>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

015505

Austin, Texas

Latitude 29 43 20 Longitude 09 52 31 9 01 Seq. No. 01

County code 101 County HARRIS

Well # LJ-65-21-304

Project number T 4648-01.000

Date 09/23/76 Time 1030 Temp °C 28.0

Owner CITY OF HOUSTON

Address SOUTH END #10

Date drld 1-25-58 WBF code EGG

Sample interval: (top) 795 (bottom) 2170

Water level 448.0 Appr Chcck Use P.S.

Collector BEZANT Yield 1722 GPM

Smpld aftr pmpg ON ARRIVE depth

Pt of coll TAP ON DISCH PIPE

Field: Cond pH HCO₃ DO

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

and chem schedule I

Other

Herbicide Insecticide

Remarks:

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	7,2,0,0,4			
DO (mg/l)	0,0,3,0,0			
DO % Sat.	0,0,3,0,1			
Temp °C	0,0,0,1,0	28.00	0.2	28.0
pH	0,0,4,0,0	7.700	0.1	7.7
Specific conductance	0,0,0,9,5	554.0	0.3	554
HCO ₃	0,0,4,4,0	270.0	0.3	270
CO ₂	0,0,4,4,5	0.000	0.1	0
Chloride (Cl)	0,0,9,4,0	40.00	0.2	40
Sulfate (SO ₄)	0,0,9,4,5	11.00	0.2	11
Color	0,0,0,8,0			
Coliform, membrane filter	3,1,5,0,1			
Coliform, fecal	3,1,6,1,6			
Strep-tococci	3,1,6,7,9			
BOD	0,0,3,1,0			

Type 2 Station identification number 29 43 20 09 52 31 9 01

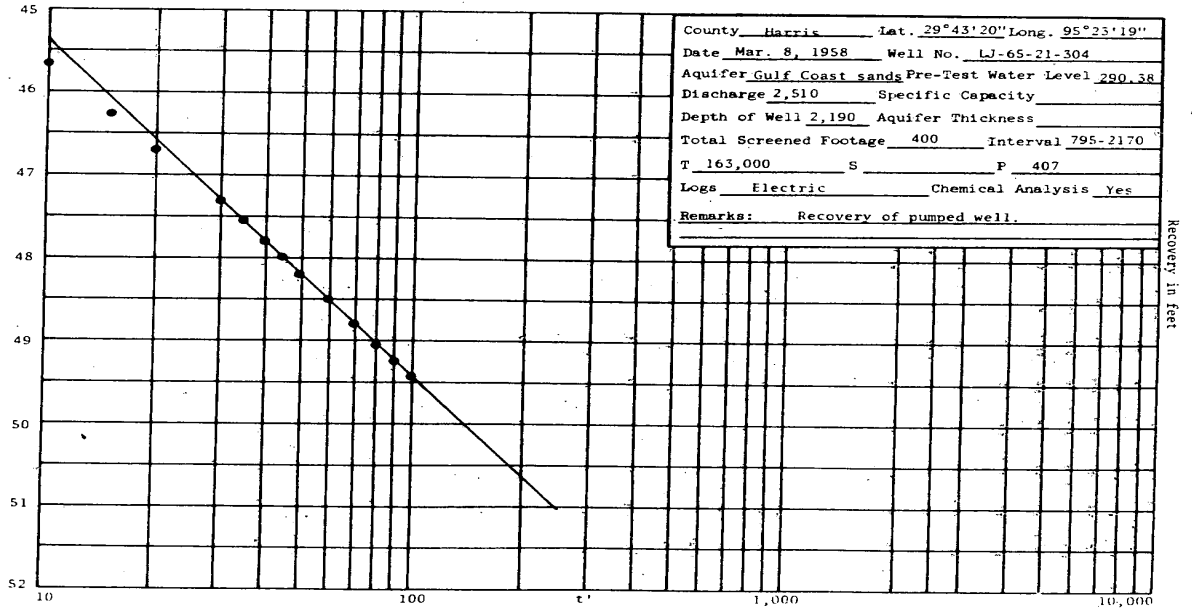
Y 7 M 6 D 09 Time of measurement 23

17 Begin 22 29 32

Depth	Parameter code	Value	Exp.	Rmk
	7,2,0,0,8			
Yield (GPM)	0,0,0,5,9			
Sample interval TOP	7,2,0,1,5	795.0	0.3	
Sample interval BOTTOM	7,2,0,1,6	2170.0	0.4	
Water level	7,2,0,1,9			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 6 out of 6
 State ID: 65-21-304



- 240 -

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 229 Distance from Property: 3.50 mi. SW

STATE ID: 65-21-309
OWNER'S NAME: CITY OF HOUSTON SOUTH END #6
DATE DRILLED: 07/24/1935
DEPTH DRILLED: 1796'
WATER USAGE: PLUGGED OR DESTROYED
LONGITUDE: -95.389760000
LATITUDE: 29.720640000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521309/6521309.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-21-309

Texas Water Development Board Well Schedule

State Well Number 6521309 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294313 Longitude 952237 Source of Coords 3

Owner's Well No. Location
Owner City of Houston
South End #6 Driller Layne Texas

Address Tenant/Oper.

Date Drilled 07/24/1935 Depth 1796 Source of Depth D Altitude 46 Source of Alt.
Well Type W User 396200

WELL CONSTRUCTION Const-Method Completion Casing Material Blank Screen Material Blank
Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from to

LIFT DATA - Pump Mfr. - Type - NONE No. Stages
Bowls Diam. - in. Setting - ft. Column Diam. - in.
Motor Mfr. - Fuel or Power - blank Horsepower -

YIELD Flow- GPM Pump GPM Meas.,Rept.,Est.- Date-

WATER USE Primary - UNUSED Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - M Quality - Y Logs - Other Data -

WATER LEVELS 2 measurements
1935 to 1964
MIN -315 MAX -96

Recorded By Date Record Collected or Updated - / /
Reporting Agency

REMARKS -
346 ft of screen between 1089 and 1756 ft. Reported yield 2760 gpm with 72 ft drawdown July 24,1936.
Well destroyed. well 6.

Aquifer - 121EVGL ID - 15
EVANGELINE
AQUIFER

Wednesday, June 07, 2006

Well Number - 6521309



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 229 Distance from Property: 3.50 mi. SW

STATE ID: 65-21-320

OWNER'S NAME: CITY OF HOUSTON SOUTH END #5

DATE DRILLED: 00/00/1931

DEPTH DRILLED: 1618'

WATER USAGE: UNUSED

LONGITUDE: -95.389760000

LATITUDE: 29.720640000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521320/6521320.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
State ID: 65-21-320

WRD Exp. (GW)
April 1966

Well No W-65-21-320

WELL SCHEDULE

GEOLOGICAL SURVEY

U. S. DEPT. OF THE INTERIOR

WATER RESOURCES DIVISION

MASTER CARD (T. Brown)
NAR (1941)

Record by P.L. (1-13-31) Source of data FILES Date 2-21-68 Map Bellaire 1955 1:24000

State Texas County (48) Harris Sequential number: 1

Latitude: 29° 43' 21" N Longitude: 095° 23' 25" W

Local well number: 45-65-21-320 Other number: SOUTHWEST 5 (793)

Local use: _____ Owner of name: CITY OF HOUSTON

Owner or name: CITY OF HOUSTON Address: _____

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist M

Use of Water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, Stock, Instat, Unused, Recharge, Desal-P S, Desal-other, Other well cared 1949 U

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed X 1973

DATA AVAILABLE: Well date 8 Freq. W/L meas.: Semiannual 5 Field aquifer char. 77

Hyd. lab. data: _____ 77

Qual. water data; type: _____ 77

Freq. sampling: 3-29-30 7 Pumpage inventory: yes 77 no: period: _____

Aperture cards: _____ yes 77

Log data: _____ 77

Log data: _____ 77

Log data: _____ 77

Log data: _____ 77

Log data: _____ 77

Log data: _____ 77

Log data: _____ 77

Log data: _____ 77

Log data: _____ 77

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Log data: _____ 77



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 2
State ID: 65-21-320

Well No. LJ-65-21-320

Latitude-longitude 29, 43, 21, 5095, 23, 25

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: COASTAL PLAINS Section: 0:3

Drainage Basin: F Subbasin: 51:R

Topo of well site: (D) depression, (C) stream channel, (R) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (S) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat

MAJOR AQUIFER: system _____ series 7 aquifer, formation, group E

Lithology: _____ Origin: _____ Aquifer Thickness: _____

Length of well open to: 260 ft Depth to top of: _____ ft

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: 1275-1276, 1333-1433, 1455-1594

Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

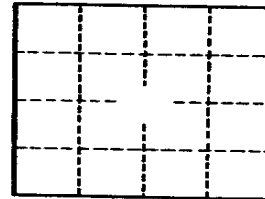
Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

Perm: _____ spd/ft²; Spec cap: _____ spm/ft; Number of geologic cards: _____

300' - 24" clog.

4-9-73
Well filled with 49 yards of chlorinated sand and capped with 5 1/2 yds. of cement
Info. from City



Well No. LJ-65-21-320

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 229 Distance from Property: 3.50 mi. SW

STATE ID: 65-21-321
OWNER'S NAME: CITY OF HOUSTON SOUTH END #4
DATE DRILLED: 00/00/1919
DEPTH DRILLED: 777'
WATER USAGE: PLUGGED OR DESTROYED
LONGITUDE: -95.389760000
LATITUDE: 29.720640000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521321/6521321.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 229 Distance from Property: 3.50 mi. SW

STATE ID: 65-21-323
OWNER'S NAME: CITY OF HOUSTON SOUTH END #3
DATE DRILLED: 00/00/1919
DEPTH DRILLED: 1127'
WATER USAGE: UNUSED
LONGITUDE: -95.389760000
LATITUDE: 29.720640000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521323/6521323.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 229 Distance from Property: 3.50 mi. SW

STATE ID: 65-21-319

OWNER'S NAME: CITY OF HOUSTON SOUTH END #1

DATE DRILLED: 03/00/1917

DEPTH DRILLED: 1394'

WATER USAGE: UNUSED

LONGITUDE: -95.389760000

LATITUDE: 29.720641000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521319/6521319.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 229 Distance from Property: 3.50 mi. SW

STATE ID: 65-21-322
OWNER'S NAME: CITY OF HOUSTON SOUTH END #2
DATE DRILLED: 00/00/1917
DEPTH DRILLED: 830'
WATER USAGE: PLUGGED OR DESTROYED
LONGITUDE: -95.389760000
LATITUDE: 29.720640000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521322/6521322.pdf>



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 229 Distance from Property: 3.50 mi. SW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294319095231601**

STATION NAME: **LJ-65-21-306**

SITE TYPE: **GW**

LATITUDE: **29.720641000** LONGITUDE: **-95.389760000**

DATE DRILLED: **196204**

WELL DEPTH: **2195 feet**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 229 Distance from Property: 3.50 mi. SW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294320095231901**

STATION NAME: **LJ-65-21-304**

SITE TYPE: **GW**

LATITUDE: **29.720641000** LONGITUDE: **-95.389760000**

DATE DRILLED: **01/25/1958**

WELL DEPTH: **2190 feet**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 229 Distance from Property: 3.50 mi. SW

WELL ID: 1110
OWNERS NAME: HOUSTON, CITY OF
YEAR DRILLED: 1958
DEPTH DRILLED: 2190'
STATIC LEVEL: 795'
WATER USAGE: PUBLIC SUPPLY
WELL STATUS: PLUGGED
LONGITUDE: -95.389760000
LATITUDE: 29.720641000
SOURCE: HGSD



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 230 Distance from Property: 3.51 mi. SE

WELL ID: **4478**
OWNERS NAME: **HOUSTON, CITY OF**
YEAR DRILLED: **Not Reported**
DEPTH DRILLED: **NOT REPORTED**
STATIC LEVEL: **NOT REPORTED**
WATER USAGE: **PUBLIC SUPPLY**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.307222000**
LATITUDE: **29.728333000**
SOURCE: **HGSD**



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SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 231 Distance from Property: 3.52 mi. SW

TRACK #: 204290

DATE ENTERED: 2010-01-11

OWNER NAME: MICHAEL LINN

OWNER ADDRESS: #2 LONGFELLOW
HOUSTON, TX 77005

COUNTY: HARRIS

LATITUDE: 29.723055000 LONGITUDE: -95.393056000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=204290&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2009-05-19

DRILLING DATE (COMPLETED): 2009-07-10

DEPTH DRILLED: 377'

WATER LEVEL:

STATIC LEVEL: 182'

WATER LEVEL DATE: 2009-05-21

TYPE OF WATER: NOT TESTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: ALMEDA WATER WELL SERVICE

COMPANY ADDRESS: P.O. BOX 266
MANVEL, TX 77578



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 232 Distance from Property: 3.52 mi. SW

ID NUMBER: TX206028
STATE ID : 65-21-3
OWNER NAME: MATT PRUCKA
DATE DRILLED: 11/05/2001
DEPTH DRILLED: 383'
STATIC LEVEL: 195'
WATER USAGE: IRRIGATION
LONGITUDE: -95.394605000
LATITUDE: 29.723967000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 206028

ATTENTION OWNER: Confidentiality
Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

OWNER: PRUCKA, MATT ADDRESS: # 8 REMINGTON LANE CITY: HOUSTON STATE: TX ZIP: 77005-

ADDRESS OF WELL: County: HARRIS GRID # 65-21-03
Street or RFD: (SAME AS ABOVE)
City, State, Zip code: HOUSTON, TX 77005-

TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION
If Public Supply well, were plans submitted to the TNRCC?

WELL LOG: 00530	DIAMETER OF HOLE	7) DRILLING METHOD:	8) BOREHOLE COMPLETION:
DATE DRILLING: STARTED: 09/17/01 COMPLETED: 11/05/01	DIAMETER FROM TO 6.75 -0- 371 4.75 371 383	MUD ROTARY	TWO-STRING IF GRAVEL... FROM FT. TO FT. FROM FT. TO FT.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0	N	PVC WELL CASING	+2	371	SDR-17
2.5	N	PVC BLANK PIPE	366	372	SCH 80
2.5	N	STAINLESS ROD BASE	372	382	8 GA
2.5	N	NIP W/BACKWASH VALVE	382	383	SCH 80

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	30	TOPSOIL, CLAY, WHITE CLAY
30	76	SAND RED SAND SANDY CLAY
76	135	GRAY CLAY, RED CLAY RED CLAY
135	160	GRAY CLAY
160	210	RED & WHITE CLAY RED & WHITE CLAY
210	230	TAN CLAY W/STREAKS RED CLAY
230	280	WHITE CLAY
280	310	CLAY
310	358	SAND CLAY, SAND, CLAY
358	383	SAND SAND SAND

9) CEMENTING DATA:
Cemented from 15 FT. TO 221 FT. No. of Sacks Used 15
1 FT. TO 20 FT. 4
Method used: HALLIBURTON METHOD
Cemented by: GDI LOWER PRESSURED
Distance to septic field lines: n/a ft.
Method of verification of above distance:
CITY SEWAGE

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 195 FT. DATE: 10/05/01
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH
FORMATION PACKER 20
BP-SEAL 366

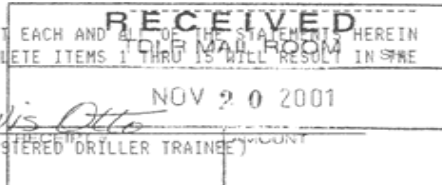
3) TYPE PUMP: SUBMERSIBLE DEPTH TO PUMP: 240
14) WELL TEST: JETTED YIELD: 90 GPM WITH FT DRAWDOWN AFTER HRS

5) WATER QUALITY: TYPE OF WATER: GOOD DEPTH OF STRATA: 25 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: GEOPHYSICAL DRILLING, INC. WATER WELL DRILLER'S LICENSE NO.: 2888 WI FOR TWC USE ONLY
ADDRESS: P.O. BOX 664 CITY: FULSHEAR STATE: TX ZIP CODE: 77441 WELL NO. _____
LOCATED ON MAP _____

HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Wesley D. Hill (LICENSED WATER WELL DRILLER) (signed) T. Travis O'Leary (REGISTERED DRILLER TRAINEE)



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 233 Distance from Property: 3.53 mi. W

ID NUMBER: TX199630
STATE ID : 65-13-9D
OWNER NAME: MR. PRUITT
DATE DRILLED: 06/07/1968
DEPTH DRILLED: 321'
STATIC LEVEL: 153'
WATER USAGE: ROBO CAR WASH
LONGITUDE: -95.411057000
LATITUDE: 29.770226000

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 199630

65-13-90 CW 7

Send original copy by certified mail to the Texas Water Development Board, P. O. Box 12386, Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TWD's use only
Well No. 65-13-90
Located on map Yes
Received: 6/2/68
Form CW 8
Form CW 9

1) OWNER: Person having well drilled MR. PRUITT Address _____ (City) _____ (State)
Landowner SAME Address 10315 Briar Dr. Houston, Texas

2) LOCATION OF WELL: County HARRIS Labor _____ Block No. 46 Abstract No. BRUNNER ADDITION
NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section _____ Survey JOHN AUSTIN
miles in _____ direction from HOUSTON, TEXAS
Washington Ave
Bellman
Well
Alameda
Alameda
NORTH
4

3) TYPE OF WORK (Check):
New Well Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic Industrial Municipal
Irrigation Test Well Other ROBO CAR WASH

5) TYPE OF WELL (Check):
Rotary Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 4 in. Depth drilled 321 ft. Depth of completed well 321 ft. Date drilled 6-7-68
All measurements made from 1 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	From (ft.)	To (ft.)	Description and color of formation material
0	1	Asphalt + shell	145	194	Sand
1	30	Clay	194	208	Clay
30	37	Sand	208	224	Sand
37	40	Clay	224	250	Clay
40	50	Sand	250	259	Sand
50	84	Clay	259	263	Clay
84	114	Sand	263	321	Sand
114	145	Clay			

7) COMPLETION (Check):
Straight wall Gravel packed Other
Under reamed Open hole

8) WATER LEVEL:
Static level 153 ft. below land surface Date 6-7-68
Artesian pressure _____ lbs. per square inch Date _____

9) CASING:
Type: old New Steel Plastic Other
Cemented from 299 ft. to 100 ft.

10) SCREEN:
Type: Plastic On Steel Pipe - Under Bar
Perforated Slotted

Diameter (inches)	Setting		Gage	Diameter (inches)	Setting		Slot size
	From (ft.)	To (ft.)			From (ft.)	To (ft.)	
2 1/2	321	301	.012				

11) WELL TESTS:
Was a pump test made? Yes No If yes by whom? Alameda Water Well Service
Pump 75 gpm with _____ ft. drawdown after _____ hrs
Business Test 75 gpm with 5 ft. drawdown after 2 hrs
Artesian flow _____ gpm Date 6-7-68
Temperature of water _____
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

12) PUMP DATA:
Manufacturer's Name RED JACKET
Type SUBMERSIBLE H.P. 5
Designed pumping rate 70 gpm gph
Type power unit ELECTRIC
Depth to bowls, cylinder, jet, etc., 231 ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME: JOHN A. PYBURN Water Well Drillers Registration No. 843
Address: 13910 Alameda School Rd. HOUSTON, TEXAS 77047
(Signed) John A. Pyburn Alameda Water Well Service
(Type or Print) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 233 Distance from Property: 3.53 mi. W

STATE ID: **65-13-945**
OWNER'S NAME: **ROBO CAR WASH**
DATE DRILLED: **00/00/1968**
DEPTH DRILLED: **321'**
WATER USAGE: **INDUSTRIAL**
LONGITUDE: **-95.411057000**
LATITUDE: **29.770226000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513945/6513945.pdf>

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 234 Distance from Property: 3.54 mi. NNE

TRACK #: 173156

DATE ENTERED: 2009-04-01

OWNER NAME: B. CHEATHAM

OWNER ADDRESS: 1910 FAIRBANKS
HOUSTON, TX 77026

COUNTY: HARRIS

LATITUDE: 29.810556000 LONGITUDE: -95.341389000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=173156&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2004-12-09

DRILLING DATE (COMPLETED): 2004-12-09

DEPTH DRILLED: 60'

WATER LEVEL:

STATIC LEVEL: 16'

WATER LEVEL DATE: 2004-12-09

TYPE OF WATER: POTABLE

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: COASTAL WATERWELL SERVICE, INC.

COMPANY ADDRESS: P.O. BOX 745
PORTER, TX 77365



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 235 Distance from Property: 3.54 mi. N

WELL ID: **3215**
OWNERS NAME: **TRUMIX CONCRETE COMPANY**
YEAR DRILLED: **1971**
DEPTH DRILLED: **478'**
STATIC LEVEL: **456'**
WATER USAGE: **INDUSTRIAL**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.349101000**
LATITUDE: **29.811556000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 235 Distance from Property: 3.54 mi. N

STATE ID: 65-14-420
OWNER'S NAME: NORTHSIDE READY MIX CONCRETE CO.
DATE DRILLED: 00/00/1971
DEPTH DRILLED: 478'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.349101000
LATITUDE: 29.811556000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514420/6514420.pdf>

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 235 Distance from Property: 3.54 mi. N

ID NUMBER: TX212755
STATE ID : N/A
OWNER NAME: NORTH SIDE READY MIX CONCRETE
DATE DRILLED: 05/21/1971
DEPTH DRILLED: 478'
STATIC LEVEL: 252'
WATER USAGE: MUNICIPAL
LONGITUDE: -95.349101000
LATITUDE: 29.811556000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 212755

end original copy by certified mail to the Texas Water Development Board, P. O. Box 12386, Austin, Texas 78711		State of Texas WATER WELL REPORT	For TWDB use only Well No. _____ Located on map <u>110</u> Received: <u>9-21</u> <u>11/10</u>																																																			
1) OWNER: Person having well drilled <u>North Side Ready Mix Concrete</u> Address <u>P.O. Box 16066 Houston, Texas</u> (Name) (Street, or RFD) (City) (State) Landowner <u>Same</u> Address _____ (Name) (Street, or RFD) (City) (State)																																																						
2) LOCATION OF WELL: County <u>Harris</u> _____ miles in _____ direction from _____ (N.E., S.W., etc.) (Town) Locate by sketch map showing landmarks, roads, creeks, or Give legal location with distances and directions from adjacent sections or survey lines. <u>see reverse side for map</u> Labor _____ League _____ Block _____ Survey _____ Abstract No. _____ (NW¼ NE¼ SW¼ SE¼) of Section _____ (Use reverse side if necessary) North ↑																																																						
3) TYPE OF WORK (Check): New Well <input checked="" type="checkbox"/> Deepening _____ Reconditioning _____ Plugging _____		4) PROPOSED USE (Check): Domestic _____ Industrial _____ <input checked="" type="checkbox"/> Municipal _____ Irrigation _____ Test Well _____ Other _____																																																				
5) TYPE OF WELL (Check): Rotary <input checked="" type="checkbox"/> Driven _____ Dug _____ Cable _____ Jetted _____ Bored _____																																																						
6) WELL LOG: Diameter of hole <u>6</u> in. Depth drilled <u>478</u> ft. Depth of completed well <u>478</u> ft. Date drilled <u>5-21-71</u> All measurements made from _____ ft. above ground level.																																																						
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>From (ft.)</th> <th>To (ft.)</th> <th>Description and color of formation material</th> </tr> </thead> <tbody> <tr><td>0</td><td>86</td><td>Hard red caly surface</td></tr> <tr><td>96</td><td>144</td><td>red & white clay</td></tr> <tr><td>144</td><td>173</td><td>white caly</td></tr> <tr><td>173</td><td>216</td><td>sand very shaley</td></tr> <tr><td>216</td><td>240</td><td>white clay</td></tr> <tr><td>240</td><td>250</td><td>sand</td></tr> <tr><td>250</td><td>271</td><td>white shale</td></tr> <tr><td>271</td><td>292</td><td>sand</td></tr> <tr><td>292</td><td>312</td><td>sand light breaks</td></tr> <tr><td>312</td><td>336</td><td>white clay</td></tr> <tr><td>336</td><td>360</td><td>sand very broken</td></tr> <tr><td>360</td><td>384</td><td>shale</td></tr> <tr><td>384</td><td>396</td><td>sand</td></tr> <tr><td>396</td><td>417</td><td>shale sticky</td></tr> <tr><td>417</td><td>428</td><td>sand</td></tr> <tr><td>428</td><td>432</td><td>sand lightly broken (continued)</td></tr> </tbody> </table>		From (ft.)	To (ft.)	Description and color of formation material	0	86	Hard red caly surface	96	144	red & white clay	144	173	white caly	173	216	sand very shaley	216	240	white clay	240	250	sand	250	271	white shale	271	292	sand	292	312	sand light breaks	312	336	white clay	336	360	sand very broken	360	384	shale	384	396	sand	396	417	shale sticky	417	428	sand	428	432	sand lightly broken (continued)	9) CASING: Type: Old _____ New <input checked="" type="checkbox"/> Steel <input checked="" type="checkbox"/> Plastic _____ Other _____ Cemented from _____ ft. to _____ ft. Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Gage _____ 6" 0 455 10) SCREEN: Type <u>Rod Base stainless steel</u> Perforated _____ Slotted _____ Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Slot Size _____ 4" blank 478 476 4" screen 476 456 .012 4" blank 456 446 11) WELL TESTS: Was a pump test made? Yes _____ No <input checked="" type="checkbox"/> If yes, by whom? _____ Yield: _____ gpm with _____ ft. drawdown after _____ hrs. Bailer test _____ gpm with _____ ft. drawdown after _____ hrs. Artesian flow _____ gpm Temperature of water _____ 12) WATER QUALITY: Was a chemical analysis made? Yes _____ No <input checked="" type="checkbox"/> Did any strata contain undesirable water? Yes _____ No _____ Type of water? _____ depth of strata _____	
From (ft.)	To (ft.)	Description and color of formation material																																																				
0	86	Hard red caly surface																																																				
96	144	red & white clay																																																				
144	173	white caly																																																				
173	216	sand very shaley																																																				
216	240	white clay																																																				
240	250	sand																																																				
250	271	white shale																																																				
271	292	sand																																																				
292	312	sand light breaks																																																				
312	336	white clay																																																				
336	360	sand very broken																																																				
360	384	shale																																																				
384	396	sand																																																				
396	417	shale sticky																																																				
417	428	sand																																																				
428	432	sand lightly broken (continued)																																																				
7) COMPLETION (Check): Straight wall <input checked="" type="checkbox"/> Gravel packed _____ Other _____ Under reamed _____ Open Hole _____																																																						
8) WATER LEVEL: Static level <u>252</u> ft. below land surface Date <u>5-21-71</u> Artesian pressure _____ lbs. per square inch Date _____ Depth to pump bowls, cylinder, jet, etc., <u>357</u> ft. below land surface.																																																						
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. NAME <u>R.B. Lowry</u> Water Well Drillers Registration No. <u>146</u> ADDRESS <u>4012 Fulton P.O. Box 8707 Houston Texas 77009</u> (Street or RFD) (City) (State) (Signed) <u>R.B. Lowry</u> <u>Lowry WaterWells</u> (Water Well Driller) (Company Name)																																																						
Please attach electric log, chemical analysis, and other pertinent information, if available.																																																						

*Additional instructions on reverse side.

TWDBE-CN-53

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2

Water Well ID: 212755

2) LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

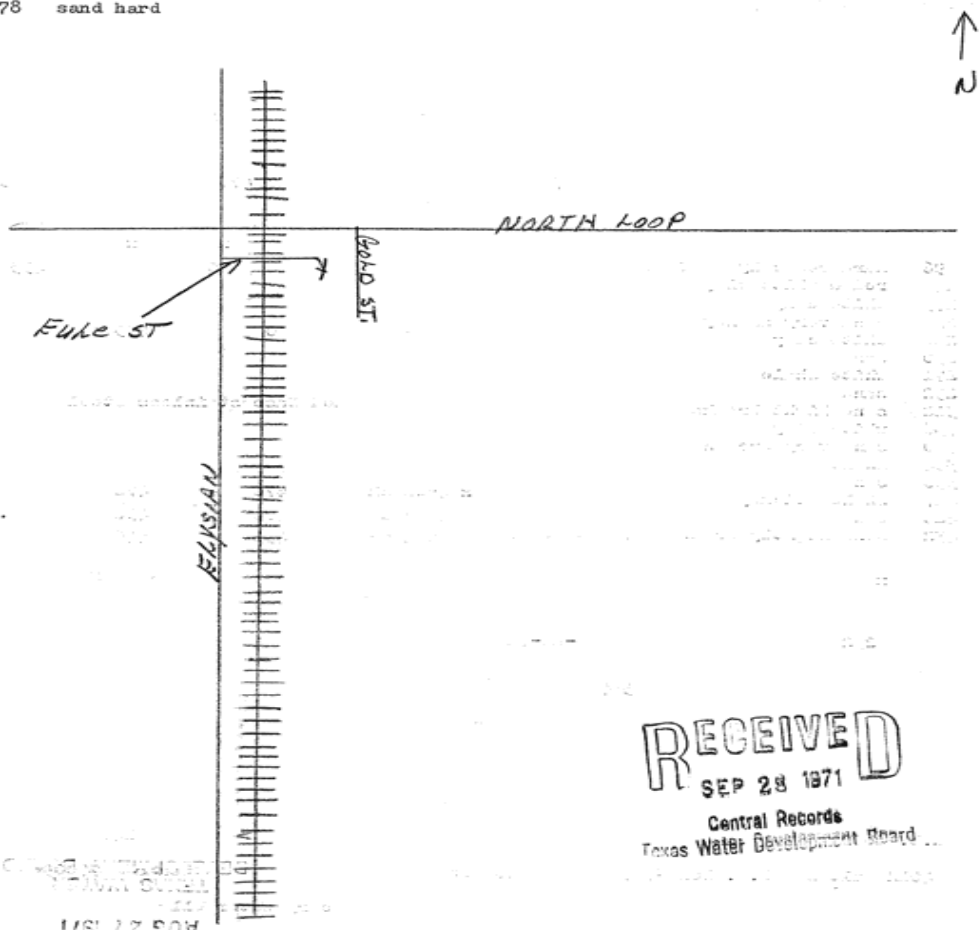
Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area. e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-CN-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.

Well Log continued

432	444	sand
444	453	sand rock
453	478	sand hard



HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 235 Distance from Property: 3.54 mi. N

WELL ID: **3214**
OWNERS NAME: **TRUMIX CONCRETE COMPANY**
YEAR DRILLED: **1972**
DEPTH DRILLED: **NOT REPORTED**
STATIC LEVEL: **NOT REPORTED**
WATER USAGE: **INDUSTRIAL**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.349101000**
LATITUDE: **29.811556000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 236 Distance from Property: 3.55 mi. SE

STATE ID: 65-22-227

OWNER'S NAME: VILLA DE MATEL

DATE DRILLED: 02/00/1964

DEPTH DRILLED: 438'

WATER USAGE: PUBLIC SUPPLY

LONGITUDE: -95.313320000

LATITUDE: 29.721970000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522227/6522227.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-22-227

TEXAS WATER DEVELOPMENT BOARD WELL SCHEDULE

State Well Number - 65 22 227 Previous Well Number - County - Harris 201
 River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 43 22 Longitude - 95 18 49 Source of Coords - 2
 Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____
 Owner - Villa de Matel Driller - Lowry Water Wells

Address _____ Tenant/Oper. _____
 Date Drilled - 02/ /1964 Depth - 438 ft. Source of Depth - D Altitude - 38 ft. Source of Alt. - M
 Aquifer - 112CHCTL CHICOT AQUIFER, LOWER Well Type - W User -
 WELL Const. _____ Casing Material - _____ | Casing or Blank Pipe (C)
 CONSTRUCTION Method - _____ Screen _____ | Well Screen or Slotted Zone ()
 Completion - _____ Material - _____ | Open Hole (O)
 LIFT DATA - Pump Mfr. _____ Type - SUBMERSIBLE PUMP No. Stages _____ | Cemented from _____ to _____
 Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in. | Diam. Setting(feet)
 Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - 5.0 | (in.) From To
 YIELD Flow- _____ GPM Pump- _____ GPM Meas., Rept., Est- _____ Date- _____ |
 PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM |
 Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft |
 QUALITY (Remarks- _____ |
 WATER USE Primary- PUBLIC SUPPLY Secondary- _____ Tertiary- _____ |
 OTHER DATA AVAILABLE Water Levels- N Quality- N Logs- D Other Data- _____ |
 WATER LEVELS Date- / / Measurement- _____ |
 Date- / / Measurement- _____ |
 Recorded By _____ Date Record Collected or Updated- / / |
 Reporting Agency - UNITED STATES GEOLOGICAL SURVEY |
 REMARKS - _____ |

Aquifer - 112CHCTL
Well No. - 65 22 227



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 237 Distance from Property: 3.56 mi. NNW

STATE ID: 65-14-412
OWNER'S NAME: CITY OF HOUSTON LINDALE PARK
DATE DRILLED: 00/00/1946
DEPTH DRILLED: 800'
WATER USAGE: UNUSED
LONGITUDE: -95.370060000
LATITUDE: 29.809840000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514412/6514412.pdf>

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 238 Distance from Property: 3.57 mi. W

WELL ID: **12739**
OWNERS NAME:
YEAR DRILLED: **Not Reported**
DEPTH DRILLED: **550'**
STATIC LEVEL: **530'**
WATER USAGE:
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.412829000**
LATITUDE: **29.760382000**
SOURCE: **HGSD**



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 239 Distance from Property: 3.57 mi. SW

ID NUMBER: TX206015
STATE ID : 65-21-3
OWNER NAME: ANTHONY PETRELLO
DATE DRILLED: 03/08/1997
DEPTH DRILLED: 396'
STATIC LEVEL: 200'
WATER USAGE: DOMESTIC
LONGITUDE: -95.395523000
LATITUDE: 29.723696000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 206015

STATE OF TEXAS WATER WELL REPORT

OWNER: ANTHONY PORTELLO ADDRESS: #10 REMINGTON LN CITY: HOUSTON STATE: TX ZIP: -
 LOCATION OF WELL: County: HARRIS 0 miles in SW direction from HOUSTON

SAL DESCRIPTION:
 Section No.: G-8 Block No.: SW Township: HOUSTON
 Abstract No.: REMINGTON Survey Name: MCDUGALD-STEELE
 Distance and direction from two intersecting section or survey lines: MAIN & SUNSET

65-21-3

TYPE OF WORK: NEW WELL 4) PROPOSED USE: DOMESTIC 5) DRILLING METHOD: MUD ROTARY

WELL LOG: 17516 DIAMETER OF HOLE 7) BOREHOLE METHOD:
 DIAMETER FROM TO STRAIGHT WALL
 7 7/8 0 396 IF GRAVEL... FROM FT. TO FT.
 FROM FT. TO FT.

DATE DRILLED: 03/08/97

LOGICAL DESCRIPTION:		8) CASING, BLANK PIPE, AND WELL SCREEN DATA:					
DEPTH TO	DESCRIPTION	DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
3	TOP SOIL	5	N	PVC CASING	0	360	SDR17
33	CLAY	3	N	GALVANIZED LINER	344	366	NW
77	SAND	3	N	S.S. ROD BASE SCREEN	366	386	10
313	CLAY	3	N	S.S. ROD BASE SCREEN	386	396	06
333	SAND						
358	CLAY						
396	SAND						

9) CEMENTING DATA:
 Cemented from 360 FT. TO 0 FT.
 FT. TO FT.
 Method used: PRESSURE
 Cemented by: ODCI

10) SURFACE COMPLETION:
 OTHER

11) WATER LEVEL:
 STATIC LEVEL : 200 FT. DATE: 03/08/97
 ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH
 B P VALVE 344

TYPE PUMP: 14) WELL TEST:
 SUBMERSIBLE JETTED
 DEPTH TO PUMP: 315 YIELD: 60 GPM WITH FT DRAWDOWN APTER HRS

WATER QUALITY:
 TYPE OF WATER: N/A DEPTH OF STRATA: 38
 NO STRATA OF UNDESIRABLE WATER PENETRATED

NO CHEMICAL ANALYSIS MADE
 SEP 9 1999
 COMPLETED

COMPANY NAME: O'DAY DRILLING CO., INC. WATER WELL DRILLER'S LICENSE NO.: 1877,411,4883 FOR TDWR USE ONLY
 ADDRESS: 14405 GARDEN RD CITY: PEARLAND STATE: TX ZIP CODE: 77581 WELL NO.
 LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE WELL(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

signed) Angel Bautista (signed) _____
 (LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 240 Distance from Property: 3.58 mi. S

WELL ID: **13307**
OWNERS NAME:
YEAR DRILLED: **Not Reported**
DEPTH DRILLED: **400'**
STATIC LEVEL: **380'**
WATER USAGE:
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.353039000**
LATITUDE: **29.708116000**
SOURCE: **HGSD**



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 241 Distance from Property: 3.58 mi. W

ID NUMBER: TX182201
STATE ID : 65-13-9
OWNER NAME: HOSSEIN TABRIZI
DATE DRILLED: 11/14/1989
DEPTH DRILLED: 489'
STATIC LEVEL: 260'
WATER USAGE: IRRIGATION
LONGITUDE: -95.413132000
LATITUDE: 29.759485000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 182201

STATE OF TEXAS WATER WELL REPORT

1) Owner: KOSSEIN TABRIZI Address: 1000 KIRBY City: HOUSTON State: TX ZIP: 77019
2) LOCATION OF WELL:
County: HARRIS 0 miles in W direction from HOUSTON

LEGAL DESCRIPTION:
Section No.: H 230 Block No.: W Township: HOUSTON
Abstract No.: KIRBY Survey Name:
Distance and direction from two intersecting section or survey lines: MEMORIAL KIRBY

RECEIVED
FEB 28 1990

3) TYPE OF WORK: NEW WELL
4) PROPOSED USE: IRRIGATION
5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: DIAMETER OF HOLE FROM TO 7) BOREHOLE METHOD:
DIAMETER 7.5 0 489 STRAIGHT WALL
IF GRAVEL... FROM FT TO FT

Date Drilled: 11/14/89

TEXAS WATER COMMISSION
65-13-9 BAD map

GEOLOGICAL DESCRIPTION:		8) CASING, BLANK PIPE, AND WELL SCREEN DATA:								
FROM	TO	DESCRIPTION	DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING	SCREEN
0	3	TOP SOIL	5	N	PVC CASING	0	404		SDR 17	
3	80	CLAY	3	N	GALVANIZED LINER	368	459		WN	
80	113	SAND	3	N	EVERFLO SCREEN	459	489		12	
113	220	CLAY								
220	249	SAND								
249	310	CLAY								
310	330	SAND								
330	332	ROCK								
332	462	CLAY								
462	494	SAND								

9) CEMENTING DATA:
Cemented from 404 FT. TO 0 FT.
FT. TO FT.
Method used: PRESSURE
Cemented by: ODCI

H-2

10) SURFACE COMPLETION:
OTHER

11) WATER LEVEL:
STATIC LEVEL : 260 FT. DATE 12/14/89
ARTESIAN FLOW: GPM. DATE / /

12) PACKERS: TYPE DEPTH
SEAL 368

13) TYPE PUMP: SUBMERSIBLE
DEPTH TO PUMP: 331
14) WELL TEST:
JETTED
YIELD: 60 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD WATER DEPTH OF STRATA: 32
NO STRATA OF UNDESIRABLE WATER PENETRATED

NO CHEMICAL ANALYSIS MADE

COMPANY NAME: O'DAY DRILLING CO., INC. WATER WELL DRILLER'S LICENSE NO.: 1877
ADDRESS: P. O. BOX 162 CITY: PEARLAND STATE: TX ZIP CODE: 77588

(signed) *Michael O'Day*

(signed)

65-13-9



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 241 Distance from Property: 3.58 mi. W

ID NUMBER: TX182200
STATE ID : 65-13-9
OWNER NAME: HOSSEIN TABRIZI
DATE DRILLED: 01/23/1990
DEPTH DRILLED: 500'
STATIC LEVEL: 250'
WATER USAGE: IRRIGATION
LONGITUDE: -95.413132000
LATITUDE: 29.759485000
2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 182200

STATE OF TEXAS WATER WELL REPORT

1) Owner: HOSSEIN TABRIZI Address: 1000 KIRBY City: HOUSTON State: TX ZIP: 77019
2) LOCATION OF WELL:
County: HARRIS 0 miles in IN direction from HOUSTON

LEGAL DESCRIPTION:
Section No.: H-230 Block No.: W Township: HOUSTON
Abstract No.: KIRBY Survey Name:
Distance and direction from two intersecting section or survey lines: MEMORIAL & KIRBY

RECEIVED
FEB 28 1990

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: DIAMETER OF HOLE 7) BOREHOLE METHOD: STRAIGHT WALL
DIAMETER FROM TO IF GRAVEL... FROM FT TO FT
6.5 0 500

TEXAS WATER COMMISSION

Date Drilled: 01/23/90

GEOLOGICAL DESCRIPTION:
FROM TO DESCRIPTION
0 3 TOP SOIL
3 80 CLAY
80 113 SAND
113 220 CLAY
220 245 SAND
245 310 CLAY
310 330 SAND
330 454 CLAY
454 461 SAND
461 465 CLAY
465 500 SAND

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:
DIA NEW/USED DESCRIPTION FROM TO GAGE CASING SCREEN
4 N STEEL CASING 0 457 WK
2.5 N GALVANIZED LINER 449 470 WK
2.5 N MILLSLOT SCREEN 470 500 20

9) CEMENTING DATA:
Cemented from 457 FT. TO 0 FT.
FT. TO FT.
Method used: PRESSURE
Cemented by: ODCI

10) SURFACE COMPLETION:
OTHER

H-1

11) WATER LEVEL:
STATIC LEVEL : 250 FT. DATE 01/23/90
ARTESIAN FLOW: GPM. DATE / /

12) PACKERS: TYPE DEPTH
SEAL 449

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 399

14) WELL TEST:
JETTED
YIELD: 60 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD WATER DEPTH OF STRATA: 35
NO STRATA OF UNDESIRABLE WATER PENETRATED
NO CHEMICAL ANALYSIS MADE

COMPANY NAME: O'DAY DRILLING CO., INC. WATER WELL DRILLER'S LICENSE NO.: 1877
ADDRESS: P. O. BOX 162 CITY: PEARLAND STATE: TX ZIP CODE: 77588

(signed) Michael OAG

(signed)

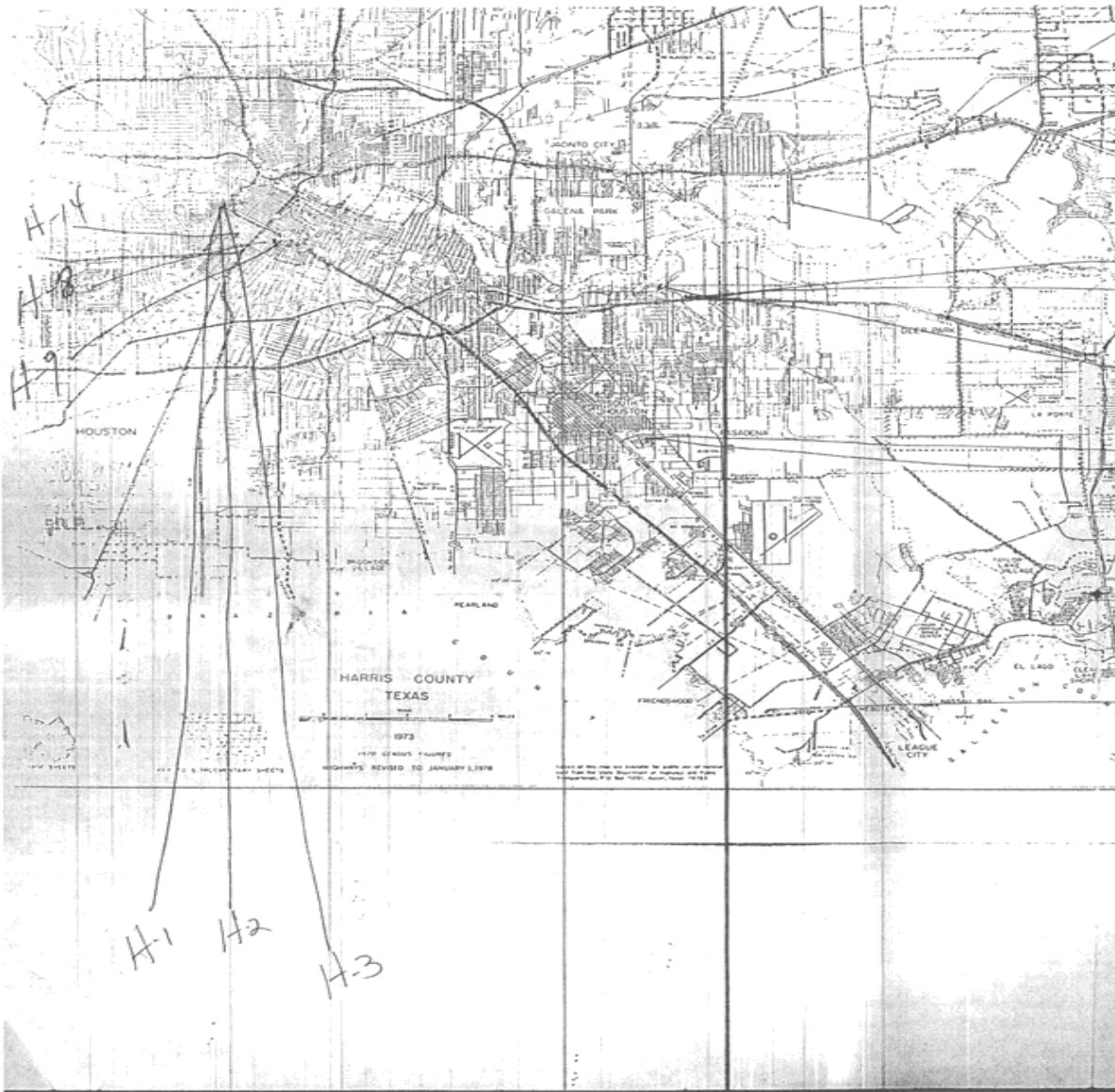
65-13-9



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 182200



SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 242 Distance from Property: 3.59 mi. SW

TRACK #: 204732

DATE ENTERED: 2010-01-14

OWNER NAME: SCOTT VANDYKE

OWNER ADDRESS: 1515 SOUTH BLVD.
HOUSTON, TX 77006

COUNTY: HARRIS

LATITUDE: 29.726389000 LONGITUDE: -95.398611000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=204732&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2009-04-27

DRILLING DATE (COMPLETED): 2009-04-30

DEPTH DRILLED: 370'

WATER LEVEL:

STATIC LEVEL: 180'

WATER LEVEL DATE: 2009-04-30

TYPE OF WATER: NOT TESTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: ALMEDA WATER WELL SERVICE

COMPANY ADDRESS: P.O. BOX 266
MANVEL, TX 77578



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 243 Distance from Property: 3.60 mi. WSW

WELL ID: 1798
OWNERS NAME: ADMIRAL LINEN & UNIFORM SERVICE
YEAR DRILLED: 1963
DEPTH DRILLED: 650'
STATIC LEVEL: 486'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.408870000
LATITUDE: 29.740374000
SOURCE: HGSD



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 243 Distance from Property: 3.60 mi. WSW

STATE ID: 65-21-332
OWNER'S NAME: ADMIRAL LINEN SERVICE
DATE DRILLED: 00/00/1984
DEPTH DRILLED: 660'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.408868000
LATITUDE: 29.740377000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521332/6521332.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-21-332

Texas Water Development Board Well Schedule

State Well Number 6521332 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294423 Longitude 952433 Source of Coords 1

Owner's Well No. _____ Location _____
Owner Admiral Linen Service Driller O'Day Drlg

Address _____ Tenant/Oper. _____

Date Drilled / /1984 Depth 660 Source of Depth D Altitude 57 Source of Alt. M
Well Type W User

WELL CONSTRUCTION Const-Method Hydraulic Rotary Casing Material Steel Screen Material Steel
Completion Screen Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - SUBMERSIBLE PUMP No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas., Rept., Est.- _____ Date- _____

WATER USE Primary - INDUSTRIAL Secondary - blank Tertiary - blank

OTHER DATA AVAILABLE Water Levels - N Quality - N Logs - Other Data -

WATER LEVELS

Recorded By _____ Date Record Collected or Updated - 12/15/1987
Reporting Agency

REMARKS -

Aquifer - 112CHCT ID - 15
CHICOT
AQUIFER

Tuesday, August 29, 2006

Well Number - 6521332



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 243 Distance from Property: 3.60 mi. WSW

STATE ID: 65-21-326
OWNER'S NAME: ADMIRAL LINEN CO.
DATE DRILLED: 00/00/1964
DEPTH DRILLED: 648'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.408868000
LATITUDE: 29.740375000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521326/6521326.pdf>



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 243 Distance from Property: 3.60 mi. WSW

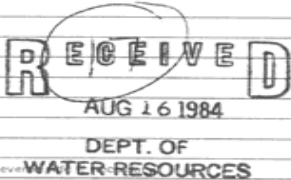
ID NUMBER: TX205914
STATE ID : 65-21-8S
OWNER NAME: ADMIRAL LINEN SERVICE
DATE DRILLED: 01/21/1984
DEPTH DRILLED: 660'
STATIC LEVEL: 280'
WATER USAGE: DOMESTIC
LONGITUDE: -95.408870000
LATITUDE: 29.740377000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205914

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711	State of Texas WATER WELL REPORT ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side	Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711																																																																																																																				
1) OWNER <u>Admiral Linen Service</u> Address <u>2030 Kipling Houston, Tx.</u> (Name) (Street or RFD) (City) (State) (Zip)																																																																																																																						
2) LOCATION OF WELL: County <u>Harris</u> <u>0</u> miles in <u>Houston</u> <u>XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX</u> (N.E., S.W., etc.) (Town)																																																																																																																						
Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.																																																																																																																						
<input type="checkbox"/> Legal description: Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____ Distance and direction from two intersecting section or survey lines _____																																																																																																																						
<input checked="" type="checkbox"/> See attached map. <u>65-30-266</u>																																																																																																																						
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging	4) PROPOSED USE (Check): <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Public Supply <input type="checkbox"/> Irrigation <input type="checkbox"/> Test Well <input type="checkbox"/> Other	5) DRILLING METHOD (Check): <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Air Hammer <input type="checkbox"/> Driven <input type="checkbox"/> Bored <input type="checkbox"/> Air Rotary <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other																																																																																																																				
6) WELL LOG: Date drilled <u>1/21/84</u>	DIAMETER OF HOLE <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 33%;">Dia. (in.)</th> <th style="width: 33%;">From (ft.)</th> <th style="width: 33%;">To (ft.)</th> </tr> <tr> <td><u>11</u></td> <td>Surface</td> <td><u>485</u></td> </tr> <tr> <td><u>7 7/8</u></td> <td><u>485</u></td> <td><u>660</u></td> </tr> </table>	Dia. (in.)	From (ft.)	To (ft.)	<u>11</u>	Surface	<u>485</u>	<u>7 7/8</u>	<u>485</u>	<u>660</u>	7) BOREHOLE COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give interval . . . from _____ ft. to _____ ft.																																																																																																											
Dia. (in.)	From (ft.)	To (ft.)																																																																																																																				
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9) WATER LEVEL: Static level <u>280</u> ft. below land surface Date <u>1/21/84</u> Artesian flow _____ gpm. Date _____																																																																																																																						
10) PACKERS: Type Depth																																																																																																																						
																																																																																																																						
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12) WELL TESTS: <input type="checkbox"/> Type Test: <input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Jetted <input type="checkbox"/> Estimated Yield: <u>300</u> gpm with _____ ft. drawdown after _____ hrs.																																																																																																																						
13) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																																																																																																																						
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.																																																																																																																						
COMPANY NAME <u>O'DAY DRILLING CO., INC.</u> Water Well Driller's License No. <u>786</u> (Type or Print)																																																																																																																						
ADDRESS <u>P. O. BOX 162</u> <u>Pearland, Tx. 77588</u> (Street or RFD) (City) (State) (Zip)																																																																																																																						
(Signed) <u>Allen O'Day</u> (Signed) _____ (Licensed Water Well Driller) (Registered Driller Trainee)																																																																																																																						
Please attach electric log, chemical analysis, and other pertinent information, if available. For TDWR use only: Well No. <u>65-30-266</u> Located on map <u>420MM</u>																																																																																																																						

TDWR-0392 (Rev. 5-27-82)

DEPARTMENT OF WATER RESOURCES COPY

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 243 Distance from Property: 3.60 mi. WSW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294422095243202**

STATION NAME: **LJ-65-21-332**

SITE TYPE: **GW**

LATITUDE: **29.740374000** LONGITUDE: **-95.408868000**

DATE DRILLED: **01/21/1984**

WELL DEPTH: **660 feet**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **CHICOT AQUIFER**



www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 243 Distance from Property: 3.60 mi. WSW

WELL ID: **3964**
OWNERS NAME: **ADMIRAL LINEN & UNIFORM SERVICE**
YEAR DRILLED: **1990**
DEPTH DRILLED: **650'**
STATIC LEVEL: **486'**
WATER USAGE: **INDUSTRIAL**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.408870000**
LATITUDE: **29.740377000**
SOURCE: **HGSD**



www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

WATER UTILITY DATABASE (WUD)

MAP ID# 244 Distance from Property: 3.63 mi. SSW

PWSID: 1010013
SOURCE ID: G1010013AX
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1953
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.382911680
LATITUDE: 29.714330670

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 245 Distance from Property: 3.64 mi. SSE

STATE ID: 65-22-217

OWNER'S NAME: PETROLEUM RECTIFYING CO.

DATE DRILLED: 00/00/1941

DEPTH DRILLED: 505'

WATER USAGE: INDUSTRIAL

LONGITUDE: -95.329760000

LATITUDE: 29.711380000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522217/6522217.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-22-217

TEXAS WATER DEVELOPMENT BOARD WELL SCHEDULE

State Well Number - 65 22 217 Previous Well Number - County - Harris 201
 River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 42 42 Longitude - 95 19 35 Source of Coords - 1
 Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Petroleum Rectifying Co. Driller - Texas Water Supply Corp.

Address _____ Tenant/Oper. _____
 Date Drilled - / /1941 Depth - 505 ft. Source of Depth - D Altitude - 38 ft. Source of Alt. - M
 Aquifer - 112CHCTL CHICOT AQUIFER, LOWER Well Type - W User -
 WELL Const. _____ Casing Material - _____
 CONSTRUCTION Method - _____ Screen _____
 Completion - _____ Material - _____
 LIFT DATA - Pump Mfr. _____ Type - TURBINE PUMP No. Stages _____
 Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.
 Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - 10
 YIELD Flow- _____ GPM Pump- _____ GPM Meas..Rept..Est- _____ Date- _____
 PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM
 Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft
 QUALITY (Remarks- _____
 WATER USE Primary- INDUSTRIAL Secondary- _____ Tertiary- _____
 OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- Other Data-
 WATER LEVELS Date- / / Measurement-
 Date- / / Measurement-
 Recorded By _____ Date Record Collected or Updated- / /
 Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
 REMARKS -

1|
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Aquifer - 112CHCTL
Well No. - 65 22 217



www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 246 Distance from Property: 3.64 mi. SW

ID NUMBER: TX205403
STATE ID : 65-22-4
OWNER NAME: DAVID BERG
DATE DRILLED: 09/22/1997
DEPTH DRILLED: 520'
STATIC LEVEL: 205'
WATER USAGE: IRRIGATION
LONGITUDE: -95.395983000
LATITUDE: 29.722644000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205403

Send original copy by certified return receipt requested ma TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3087

ATTENTION OWNER: Confidentiality Privilege Notice on an reverse side of Well Owner's copy (pink)		State of Texas WELL REPORT		Texas Water Well Drillers Advisory Council MC 177 P.O. Box 13087 Austin, TX 78711-3087 512-239-0530																																																						
1) OWNER <u>DAVID BERG</u> (Name)		ADDRESS <u>16 SUNSET HOUSTON TX 77005</u> (Street or RFD) (City) (State) (Zip)																																																								
2) ADDRESS OF WELL: County <u>HARRIS</u>		<u>16 SUNSET HOUSTON TX 77005</u> (Street, RFD or other) (City) (State) (Zip)		GRID # <u>65-22-4</u>																																																						
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No		5)																																																						
6) WELL LOG: Date Drilling: Started <u>9-15</u> 19 <u>97</u> Completed <u>9-22</u> 19 <u>97</u>		DIAMETER OF HOLE <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <tr> <th>Dia. (in.)</th> <th>From (ft.)</th> <th>To (ft.)</th> </tr> <tr> <td><u>7-7/8</u></td> <td>Surface</td> <td><u>500</u></td> </tr> <tr> <td><u>4-1/2</u></td> <td><u>500</u></td> <td><u>520</u></td> </tr> </table>		Dia. (in.)	From (ft.)	To (ft.)	<u>7-7/8</u>	Surface	<u>500</u>	<u>4-1/2</u>	<u>500</u>	<u>520</u>	7) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____																																													
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<u>2 1/2"</u>	<u>N</u>	<u>PVC SCREEN</u>	<u>520</u>	<u>494</u>	<u>.008</u>																																																					
13) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bows, cylinder, jet, etc., <u>399</u> ft.		9) CEMENTING DATA [Rule 338.44(1)] Cemented from <u>494</u> ft. to <u>0</u> ft. No. of sacks used <u>40</u> <u>0</u> ft. to <u>15</u> ft. No. of sacks used <u>12</u> Method used <u>HALLIBURTON</u> Cemented by <u>ROBINSON WATER WELL SERVICE, INC.</u> Distance to septic system field lines or other concentrated contamination <u>N/A</u> ft. Method of verification of above distance <u>N/A</u>																																																								
14) WELL TESTS: Type test: <input type="checkbox"/> Pump <input type="checkbox"/> Bailor <input checked="" type="checkbox"/> Jetted <input type="checkbox"/> Estimated Yield: _____ gpm with _____ ft. drawdown after _____ hrs.		10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Slab Installed [Rule 338.44(2)(A)] <input checked="" type="checkbox"/> Specified Steel Sleeve Installed [Rule 338.44(3)(A)] <input type="checkbox"/> Pitless Adapter Used [Rule 338.44(3)(b)] <input type="checkbox"/> Approved Alternative Procedure Used [Rule 338.71]																																																								
15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		11) WATER LEVEL: Static level <u>205</u> ft. below land surface Date <u>9-22-97</u> Artesian flow _____ gpm. Date _____																																																								
		12) PACKERS: Type <u>K</u> Depth <u>460</u>																																																								
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.																																																										
COMPANY NAME <u>ROBINSON WATER WELL SERVICE, INC.</u> (Type or print)		WELL DRILLER'S LICENSE NO. <u>1464 WPTK</u>																																																								
ADDRESS <u>11819 W. MONT GOMERY RO.</u> (Street or RFD)		<u>HOUSTON TX 77086</u> (City) (State) (Zip)		<u>JAN 23 1998</u>																																																						
(Signed) <u>Rob Robinson B.S.</u> (Licensed Well Driller)		(Signed) _____ (Registered Driller Trainee)																																																								
Please attach electric log, chemical analysis, and other pertinent information, if available.																																																										

TNRCC-0199 (Rev. 05-21-96)

White - TNRCC

Yellow - DRILLER

Pink - WELL OWNER



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 246 Distance from Property: 3.64 mi. SW

ID NUMBER: TX204949
STATE ID : 65-22-1
OWNER NAME: DAVID BERG
DATE DRILLED: 03/09/2001
DEPTH DRILLED: 460'
STATIC LEVEL: 245'
WATER USAGE: IRRIGATION
LONGITUDE: -95.395983000
LATITUDE: 29.722644000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 247 Distance from Property: 3.65 mi. NE

ID NUMBER: TX211693
STATE ID : 65-05-1C
OWNER NAME: RAYMOND M TURNER
DATE DRILLED: 07/15/1981
DEPTH DRILLED: 250'
STATIC LEVEL: 128'
WATER USAGE: DOMESTIC
LONGITUDE: -95.306918000
LATITUDE: 29.794754000

2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 211693

TURNER



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 248 Distance from Property: 3.65 mi. SW

STATE ID: 65-21-302
OWNER'S NAME: CITY OF HOUSTON
DATE DRILLED: 07/11/1953
DEPTH DRILLED: 1670'
WATER USAGE: PLUGGED OR DESTROYED
LONGITUDE: -95.384923000
LATITUDE: 29.714915000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521302/6521302.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 5
State ID: 65-21-302

Well No. LJ-65-21-302

Latitude-longitude 29,42,51 N 095,22,57 W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: COASTAL PLAINS Section: _____

Drainage Basin: F Subbasin: 51R

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series T aquifer, formation, group E

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: 335 ft Depth to top of: 335 ft

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: 710-780, 860-900, 1100-1140, 1420-1435, 1480-1650

Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: L spd/ft: _____ Coefficient Storage: _____

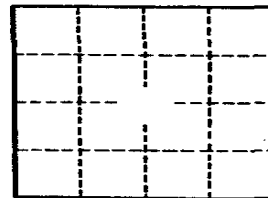
Coefficient Perm: ✓ spd/ft²; Spec cap: ✓ gpm/ft; Number of geologic cards: _____

CS9
0-599 = 24"
509-1670 = 12 3/4

ONE HOUR RECOVERY TEST

9-12-68
GPM = 1885
PL = 361.5 (MP+3.5)
SL = 329.3 (MP+7.5)
T = 101,400
SP. CAP. = 58.5

361.5
329.3
322 D/D



Well No. LJ-65-21-302

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 3 out of 5
State ID: 65-21-302

021396

Latitude 29.4251 Longitude 095.225701 Seq. No. 01
 County code 201 County Harris
 Well # LJ-65-21-302
 Project number 7-4648-01000
 Date 5-17-77 Time — Temp °C 25.5
 Owner CITY OF HOUSTON
 Address SOUTHEND # 8
 Date drld — WBF code 121 Evgl
 Sample interval:(top) 710 (bottom) 1650
 Water level — Appr CLEAR Use PS
 Collector Peters Yield — GPM
 Smpld aftr pmpg on arrival Depth —
 Pt of coll top on discharge
 Field: Cond — pH — HCO₃ — DO —

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	7,2,0,0,4			
DO (mg/l)	0,0,3,0,0			
DO % Sat.	0,0,3,0,1			
Temp °C	0,0,0,1,0	25.50	02	25.5
pH	0,0,4,0,0	7.800	01	7.8
Specific conductance	0,0,0,9,5	496.0	03	496
HCO ₃	0,0,4,4,0	250.0	03	250
CO ₃	0,0,4,4,5	0.000	01	0
Chloride (Cl)	0,0,9,4,0	300.0	02	30
Sulfate (SO ₄)	0,0,9,4,5	120.0	02	12
Color	0,0,0,8,0			
Coliform, membrane filter	3,1,5,0,1			
Coliform, fecal	3,1,6,2,5			
Strep-tococci	3,1,6,7,3			
BOD	0,0,3,1,0			

Indicate types of analyses

Coliform	Phenols	Minors
Nutrients	MBAS	BOD
Sec chem schedule	TOC	DOC

Other I
 Herbicide — Insecticide —
 Remarks:

Type 2 Station identification number 294251095225701
 Y 7 M 7 D 0 Time of measurement 5:1:7
 17 Begin 22 29 32

Depth	Parameter code	Value	Exp.	Rmk
	7,2,0,0,8			
Yield (GPM)	0,0,0,5,9			
Sample interval TP	7,2,0,1,5	710.0	03	
Sample interval BOTTOM	7,2,0,1,6	1650	04	
Water level	7,2,0,1,9			



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

TX-730
(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

017570

Latitude	Longitude	Seq. No.
29 42 51	0 9 52 25 70 1	
County code <u>201</u>	County <u>HARRIS</u>	
Well # <u>LJ-65-21-302</u>		
Project number <u>4648-01000</u>		
Date <u>2-10-76</u>	Time <u>--</u>	Temp °C <u>26.0</u>
Owner <u>City of Houston</u>		
Address <u>Southend #8</u>		
Date drld <u>---</u>	WBF code <u>R/EVGL</u>	
Sample interval: (top) <u>710</u>	(bottom) <u>1650</u>	
Water level <u>---</u>	Appr clear Use <u>PS</u>	
Collector <u>Wafel</u>	Yield <u>---</u>	GPM
Smpld aftr pmpg <u>on arrival</u>	Depth <u>---</u>	
Pt of coll <u>top on discharge pipe</u>		
Field: Cond <u>---</u>	pH <u>---</u>	HCO ₃ <u>---</u>

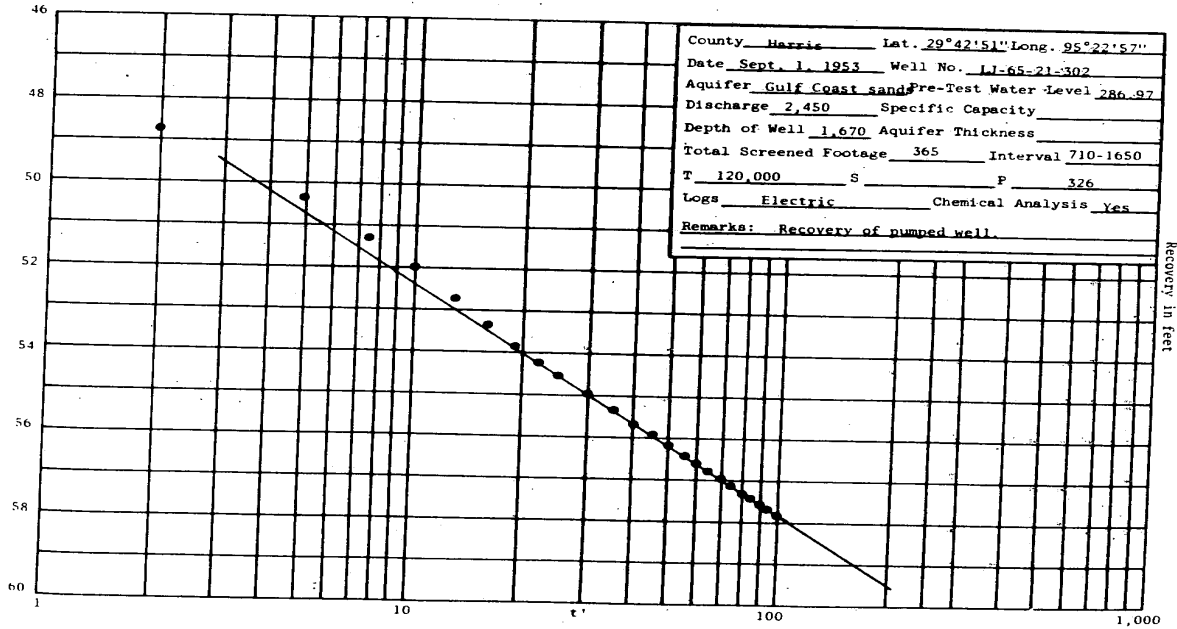
Sampled after pumping	Parameter code	Value	Exp.	Rmk
	7 2 0 0 4			
DO (mg/l)	0 0 3 0 0			
DO % Sat.	0 0 3 0 1			
Temp °C	0 0 0 1 0	26.00	02	26.0
pH	0 0 4 0 0	69.00	01	6.9
Specific conductance	0 0 0 9 5	488.0	03	488
HCO ₃	0 0 4 4 0	243.0	03	243
CO ₃	0 0 4 4 5	000.0	01	0
Chloride (Cl)	0 0 9 4 0	28.00	02	28
Sulfate (SO ₄)	0 0 9 4 5	17.00	02	17
Color	0 0 0 8 0			
Coliform, membrane filter	3 1 5 0 1			
Coliform, fecal	3 1 6 1 6			
Strep-tococci	3 1 6 7 9			
BOD	0 0 3 1 0			

Indicate types of analyses

Coliform	Phenols	Minors
nutrients	MBAS	BOD
Std chem schedule <u>I</u>	TOC	DOC
Other <u>---</u>		
Herbicide <u>---</u>	Insecticide <u>---</u>	

Remarks:

Type <u>2</u>	Station identification number			
	29 42 51 09 52 25 70 1			
Y <u>76</u>	M <u>02</u>	D <u>10</u>		
17	Begin	22		
	Time of measurement			
	29	32		
Depth	Parameter code	Value	Exp.	Rmk
	7 2 0 0 8			
Yield (GPM)	0 0 0 5 9			
Sample interval TOP	7 2 0 1 5	710.0	03	
Sample interval BOTTOM	7 2 0 1 6	1650	04	
Water level	7 2 0 1 9			



- 239 -

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 248 Distance from Property: 3.65 mi. SW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294251095225701**

STATION NAME: **LJ-65-21-302**

SITE TYPE: **GW**

LATITUDE: **29.714915000** LONGITUDE: **-95.384923000**

DATE DRILLED: **07/11/1953**

WELL DEPTH: **1670 feet**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 248 Distance from Property: 3.65 mi. SW

WELL ID: 1108
OWNERS NAME: HOUSTON, CITY OF
YEAR DRILLED: 1953
DEPTH DRILLED: 1670'
STATIC LEVEL: 710'
WATER USAGE: PUBLIC SUPPLY
WELL STATUS: PLUGGED
LONGITUDE: -95.384948000
LATITUDE: 29.714935000
SOURCE: HGSD



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 249 Distance from Property: 3.66 mi. NNW

ID NUMBER: TX205355
STATE ID : 65-13-6
OWNER NAME: FARMERS MARKET WASHATERIA
DATE DRILLED: 10/12/1988
DEPTH DRILLED: 422'
STATIC LEVEL: 260'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.381438000
LATITUDE: 29.807276000

2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205355

STATE OF TEXAS WATER WELL REPORT

1) OWNER: FARMERS MARKET WASHATERIA ADDR. 2216 AIRLINE DRIVE CITY: HOUSTON STATE: TX ZIP: 77055
2) LOCATION OF WELL: County: HARRIS miles in N direction from HOUSTON

LEGAL DESCRIPTION: SEE ATTACHED MAP: 00107

Section No.: Block No.: Township:
Abstract No.: Survey Name:
Distance and direction from two intersecting section or survey lines:

0165-13-8

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: INDUSTRIAL 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00107 7) BOREHOLE METHOD:
DIAMETER OF HOLE FROM TO TWO STRING/LEAD SEAL
8.0 0 397 IF GRAVEL... FROM FT. TO FT.
5.0 397 422 FROM FT. TO FT.

DATE DRILLED: 10/12/88

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	4	SOIL
4	70	CLAY-WHITE
70	140	CLAY-RED
140	160	CLAY-WHITE
160	208	SAND-TAN-.010-.012
208	280	CLAY-RED
280	290	SAND-WHITE-.006-.008
290	349	CLAY-RED
349	355	SAND-WHITE-.006-.008
355	370	CLAY-RED
370	380	BROKEN SAND & CLAY
380	420	SAND-WHITE-.010-.012
419	422	BROKEN SAND & CLAY

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	397	
2.5	N	STEEL, NEW, GALV.	391	399	LINER
2.5	N	STAINLESS - ROD BASE	399	409	.012
2.5	N	STAINLESS - ROD BASE	409	419	.010
2.5	N	STEEL, NEW, GALV.	419	422	S.T.N.

9) CEMENTING DATA:

Cemented from 175 FT. TO 397 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: ALMEDA WATER WELL

10) SURFACE COMPLETION:
SURFACE SLAB INST.

11) WATER LEVEL:

STATIC LEVEL : 260 FT. DATE: 10/14/88
ARTESIAN FLOW: GPM. DATE:

RECEIVED
SEP 20 1989

12) PACKERS: TYPE

TEXAS WATER COMMISSION

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 336

14) WELL TEST:
JETTED
YIELD: 60 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 422 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843 : FOR TDWR USE ONLY
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578 : WELL NO. 65-13-6
: LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) John A. Johnson
(LICENSED WATER WELL DRILLER)

(signed) _____
(REGISTERED DRILLER TRAINEE)

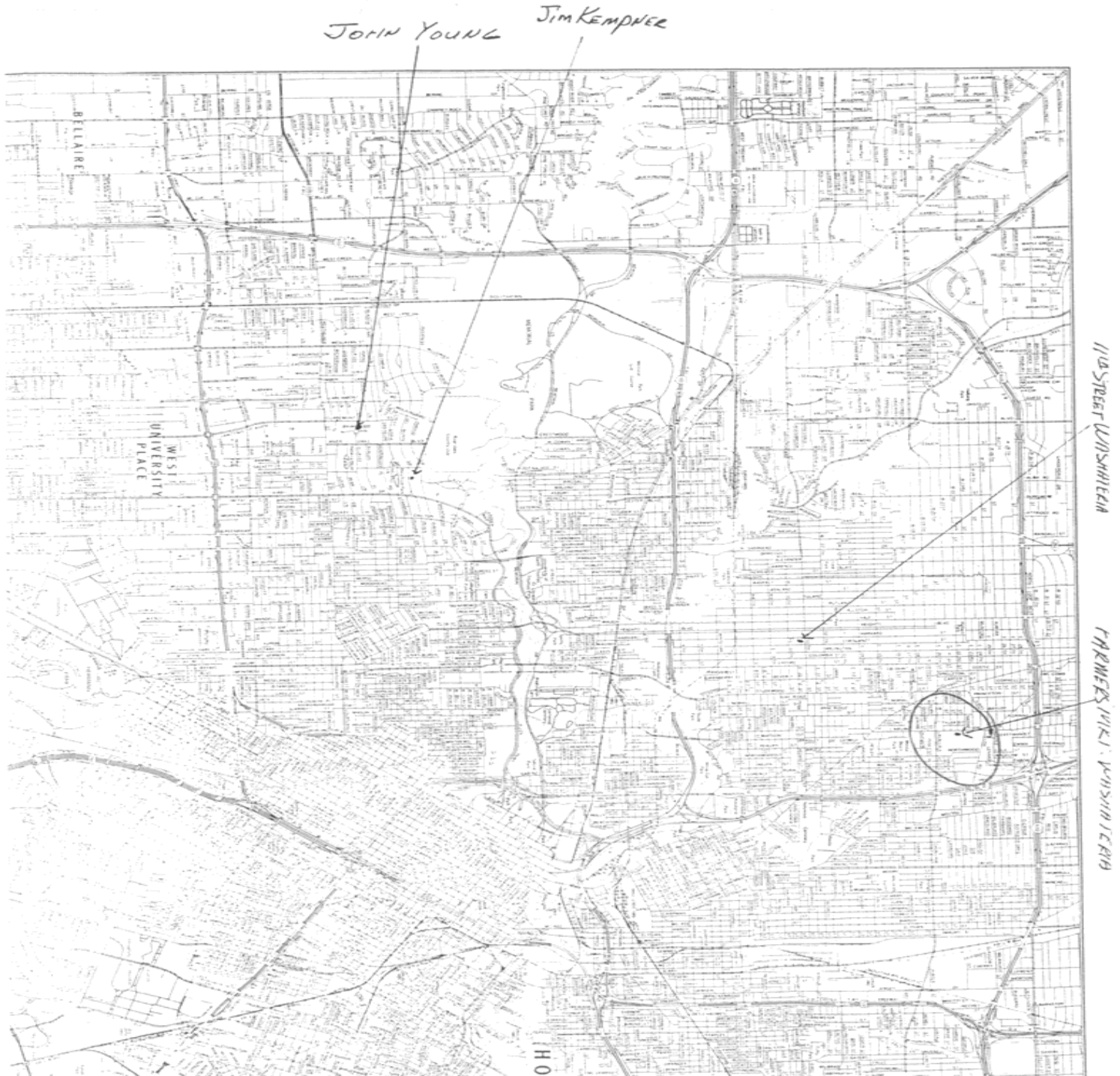
CWB



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205355



HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 249 Distance from Property: 3.66 mi. NNW

WELL ID: **7590**
OWNERS NAME:
YEAR DRILLED: **1992**
DEPTH DRILLED: **320'**
STATIC LEVEL: **300'**
WATER USAGE: **PUBLIC SUPPLY**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.381438000**
LATITUDE: **29.807276000**
SOURCE: **HGSD**



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 250 Distance from Property: 3.66 mi. SW

ID NUMBER: TX206026
STATE ID : 65-21-3
OWNER NAME: MICHAEL FLYNN
DATE DRILLED: 07/11/2001
DEPTH DRILLED: 70'
STATIC LEVEL: 15'
WATER USAGE: IRRIGATION
LONGITUDE: -95.396901000
LATITUDE: 29.723021000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 206026

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.		Texas Department of License and Regulation Water Well Driller/Pump Installer Program P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616 Toll free (800)803-9202 Email address: water.well@license.state.tx.us			This form must be completed and filed with the department and owner within 60 days upon completion of the well.																			
WELL REPORT																								
A. WELL IDENTIFICATION AND LOCATION DATA																								
1) OWNER																								
Name <i>MICHAEL FLANN</i>		Address <i>20 SUNSET BLVD. HOU</i>		City <i>HOU</i>	State <i>TX</i>	Zip <i>77005</i>																		
2) WELL LOCATION																								
County <i>HARRIS</i>		Physical Address <i>SAME</i>		City	State	Zip																		
3) Type of Work		4) Proposed Use (check)		5)																				
<input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning		<input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No		Grid # <i>65-21-3</i> NT																				
6) Drilling Date		Diameter of Hole		7) Drilling Method (check)																				
Started <i>7/10/01</i> Completed <i>7/11/01</i>		Dia.(in.) From (ft) To (ft) <i>7</i> <i>0</i> <i>70</i>		<input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other																				
From (ft) To (ft) Description and color of formation material				8) Borehole Completion																				
<i>0-25 CLAY</i>				<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Straight Wall <input type="checkbox"/> Under-reamed <input checked="" type="checkbox"/> Gravel Packed <input type="checkbox"/> Other If Gravel Packed give the interval from <i>60</i> ft. to <i>70</i> ft.																				
<i>25-35 SAND</i>				Casing, Blank Pipe, and Well Screen Data																				
<i>35-40 CLAY</i>				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Dia. (in.)</th> <th>New Or Used</th> <th>Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial</th> <th>Setting (ft) From</th> <th>To</th> <th>Gage Casing Screen</th> </tr> </thead> <tbody> <tr> <td><i>4</i></td> <td><i>N</i></td> <td><i>Casing RASR</i></td> <td><i>0</i></td> <td><i>60</i></td> <td><i>540</i></td> </tr> <tr> <td><i>4</i></td> <td><i>N</i></td> <td><i>Screen "</i></td> <td><i>60</i></td> <td><i>70</i></td> <td><i>006</i></td> </tr> </tbody> </table>		Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	To	Gage Casing Screen	<i>4</i>	<i>N</i>	<i>Casing RASR</i>	<i>0</i>	<i>60</i>	<i>540</i>	<i>4</i>	<i>N</i>	<i>Screen "</i>	<i>60</i>	<i>70</i>	<i>006</i>	
Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	To	Gage Casing Screen																			
<i>4</i>	<i>N</i>	<i>Casing RASR</i>	<i>0</i>	<i>60</i>	<i>540</i>																			
<i>4</i>	<i>N</i>	<i>Screen "</i>	<i>60</i>	<i>70</i>	<i>006</i>																			
<i>40-60 SAND 4 EA.</i>																								
<i>60-61 ROCK</i>																								
<i>61-70 SAND 6 EA.</i>																								
9) Cementing Data																								
Cementing from <i>0</i> ft. to <i>60</i> ft. # of sacks used <i>7</i> Method Used <i>Prepacked</i> Cementing By <i>Raymond Services, Inc.</i> Distance to septic system field or other concentrated contamination <i>not</i> Method of verification of above distance <i>Customer</i>																								
10) Surface Completion																								
<input type="checkbox"/> Specified Surface Cap Installed <input type="checkbox"/> Specified Surface Sleeve Installed AMOUNT <input type="checkbox"/> Pitless Adapter Used <input type="checkbox"/> Approved Alternative Procedure Used																								
11) Water Level																								
Static level <i>15</i> ft. below Date <i>7/11/01</i> Artesian Flow _____ gpm. Date _____																								
12) Packers																								
Type _____ Depth _____ <i>NONE</i>																								
13) Plugged		<input type="checkbox"/> Well plugged within 48 hours Cement/Bentonite placed in well:																						
Casing left in well:		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>From (ft)</th> <th>To (ft)</th> <th>From (ft)</th> <th>To (ft)</th> <th>Sacks used</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				From (ft)	To (ft)	From (ft)	To (ft)	Sacks used														
From (ft)	To (ft)	From (ft)	To (ft)	Sacks used																				
14) Typepump																								
<input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other Depth to pump bowls, cylinder, jet etc. <i>60</i> ft.																								
15) Water Test																								
Type test <input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Jetted <input type="checkbox"/> Estimated Yield: <i>40</i> gpm with <i>10</i> ft. drawdown after <i>1</i> hrs.																								
16) Water Quality																								
Did you knowingly penetrate and strata which contain undesirable constituents. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If yes, did you submit a REPORT OF UNDESIRABLE WATER Type of water _____ Depth of Strata _____ Was a chemical analysis made <input type="checkbox"/> Yes <input type="checkbox"/> No																								
Company or individual's Name (type or print)		Raymond Services, Inc. 4577WI																						
Address <i>10011 Airline Drive</i>		City <i>Houston</i>		State <i>TX</i>	Zip <i>77037</i>																			
Signature <i>[Signature]</i>		Date <i>7/11/01</i>		Apprentice _____ Date _____																				

TDLR FORM 001WWD

White - TDLR

Yellow - Owner

Pink - Driller/Pump Installer



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WATER UTILITY DATABASE (WUD)

MAP ID# 251 Distance from Property: 3.71 mi. NNE

PWSID: 1010013
SOURCE ID: G1010013AJ
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 05/00/1949
SCREEN BOTTOM: 1,960.00'
SCREEN TOP: 1,060.00'

GALLONS
PER MINUTE: 1,900
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.336196900
LATITUDE: 29.812007900

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 251 Distance from Property: 3.71 mi. NNE

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294844095200901**

STATION NAME: **LJ-65-14-404**

SITE TYPE: **GW**

LATITUDE: **29.812050000** LONGITUDE: **-95.336120000**

DATE DRILLED: **01/01/1949**

WELL DEPTH: **1980 feet**

HOLE DEPTH: **2502 feet**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 251 Distance from Property: 3.71 mi. NNE

STATE ID: **65-14-404**
OWNER'S NAME: **CITY OF HOUSTON**
DATE DRILLED: **00/00/1949**
DEPTH DRILLED: **1980'**
WATER USAGE: **PLUGGED OR DESTROYED**
LONGITUDE: **-95.336120000**
LATITUDE: **29.812050000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514404/6514404.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 3
State ID: 65-14-404

WRD Exp. (GW)
April 1966

Well No. LT-65-14-404

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD (G. Brown)
Record by R.B.A. (3-10-61) of data FILES Date 2-20-68 Map Settegast 1955 1124000

State Texas County Harris City 4.7 Sequential number: 1

Latitude: 29° 48' 44" N Longitude: 09° 52' 00" W Sequential number: 1

Local well number: LT-65-14-404 Other number: NORTHEAST #5

Local use: Owner or name: CITY OF HOUSTON

Ownership: County, Fed Gov't, City Corp or Co, Private, State Agency, Water Dist M

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, Stock, Instit, Unused, Recharge, Desal-P S, Desal-other, Other P

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed W

DATA AVAILABLE: Well data 1 Freq. W/L meas.: ANN491 Field aquifer char. A

Hyd. lab. data: 73

Qual. water data; type: 74

Freq. sampling: 6-22-49 Pumpage inventory: 76

Aperture cards: 77

Log data: E-LOG U-22 0-2502 E

WELL-DESCRIPTION CARD DRILLED TO 2502' PLUGGED BACK TO 1980'

SAME AS ON MASTER CARD Depth well: 1980 ft Meas. 1980 Driller 3

Depth cased; (first perf.): 1060 ft Casing type: S Dim. 24-12 1/2 in 24

Finish: porous gravel v. concrete, (perfor.) (screen), horiz. gallery, end, horiz. open perf., screen, sd. pt., shored, open hole, other 9

Method: air bored, cable, dug, jetted, air reverse, driven, drive wash, rot, percussion, rotary, other 4

Data Drilled: 1949 Pump intake setting: ft 30

Driller: TEXAS WATER WELLS INC. HOUSTON, TEXAS

Lift (type): air, bucket, cent, jet, multiple, none, piston, rot, submerg, turb, other T Deep D

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 5 Trans. of water no. 41

Descrip. MP ft above Alt. MP 50'

Alt. LSD: 50' Accuracy: Topo 5' 3

Water Level: 287.09 ft above MP; 151 ft below LSD Accuracy: MEAS. A

Date meas: 1-5-51 Yield: 2180 gpm 2180 Method determined 41

Drawdown: 38 ft Accuracy: type Pumping period: 22? hrs 42

QUALITY OF WATER DATA: Iron Sulfate Chloride Hard. 72

Sp. Conduct K x 10⁶ Temp. Date sampled 77

Taste, color, etc. 78

PL 22470
197.09
37.41

Well No. LT-65-14-404

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 3
State ID: 65-14-404

Well No. LJ-65-14-404

Latitude-longitude 29.48.44 N 095.20.09 W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: COASTAL PLAINS Section: _____

Drainage Basin: F Subbasin: 51R

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp. (E) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series T aquifer, formation, group E

Lithology: _____ Origin: _____ Aquifer Thickness: _____

Length of well open to: 400 ft. Depth to top of: 400 ft.

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____

Length of well open to: _____ ft. Depth to top of: _____ ft.

Intervals Screened: 1060-1130, 1160-1230, 1280-1290, 1350-1390, 1480-1530, 1650-1670

Depth to consolidated rock: _____ ft. Source of data: _____

Depth to basement: _____ ft. Source of data: _____

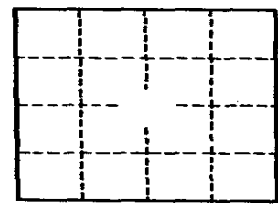
Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ spd/ft. Coefficient Storage: _____

Coefficient Perm: _____ spd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

CASINGS:
625' OF 24"
1456' OF 12 3/4"
12 3/4-524 to 1480'

SCREENS:
1720-1740 20
1760-1790 30
1800-1850 50
1910-1920 10
1930-1960 30

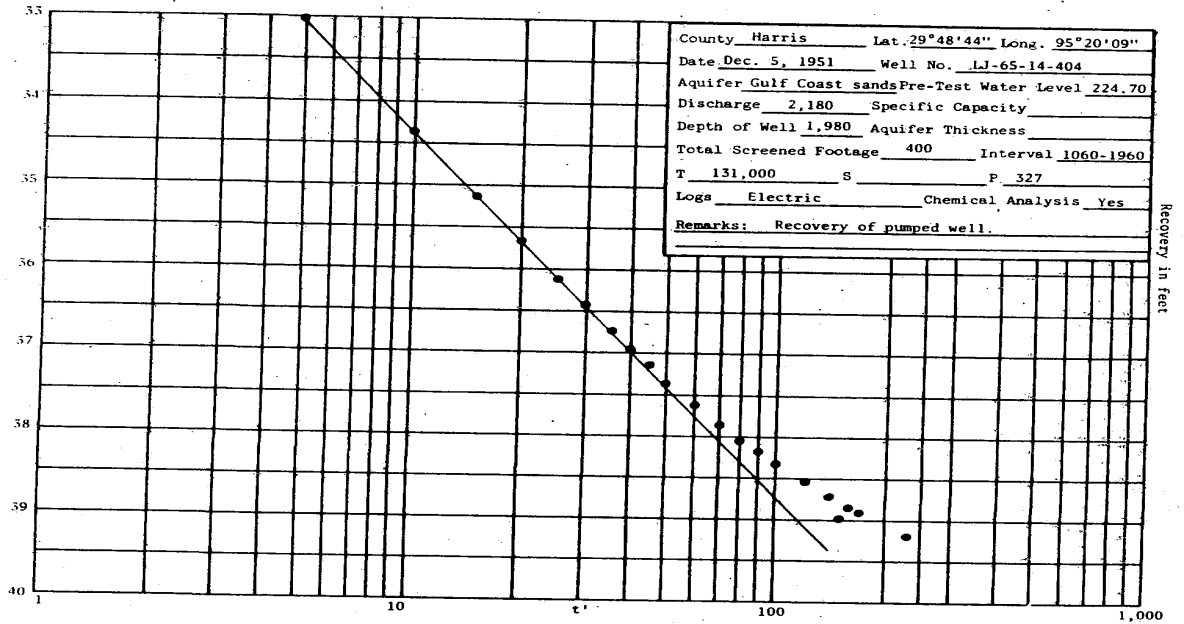


Well No. LJ-65-14-404

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 3 out of 3
 State ID: 65-14-404



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 252 Distance from Property: 3.72 mi. SSW

ID NUMBER: TX182089
STATE ID : 65-22-4
OWNER NAME: MR. TERRY BLACKSTONE
DATE DRILLED: 10/26/1990
DEPTH DRILLED: 430'
STATIC LEVEL: 215'
WATER USAGE: DOMESTIC
LONGITUDE: -95.364566000
LATITUDE: 29.707114000
2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 182089

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711 Please use black ink.

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side		State of Texas WELL REPORT		Texas Water Well Drillers Board P.O. Box 13087 Austin, Texas 78711																											
1) OWNER <u>Mr. Terry Blackstone</u> ADDRESS <u>3418 S. Parkwood, Houston, TX 77021</u> <small>(Name) (Street or RFD) (City) (State) (Zip)</small>																															
2) LOCATION OF WELL: County <u>Harris</u> <u>8</u> miles in <u>South</u> direction from <u>Houston</u> <small>(NE, SW, etc.) (Town)</small>																															
Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.																															
<input type="checkbox"/> LEGAL DESCRIPTION: Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____ Distance and direction from two intersecting section or survey lines _____																															
<input checked="" type="checkbox"/> SEE ATTACHED MAP																															
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Monitor <input type="checkbox"/> Public Supply <input type="checkbox"/> Irrigation <input type="checkbox"/> Test Well <input type="checkbox"/> Injection <input type="checkbox"/> De-Watering		5) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Air Hammer <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Air Rotary <input type="checkbox"/> Cable Tool <input type="checkbox"/> Other _____																											
6) WELL LOG: Date Drilling: Started <u>10/23</u> 19 <u>90</u> Completed <u>10/26</u> 19 <u>90</u>		DIAMETER OF HOLE <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Dia. (in.)</th> <th>From (ft.)</th> <th>To (ft.)</th> </tr> <tr> <td><u>6 1/2</u></td> <td>Surface</td> <td><u>414</u></td> </tr> <tr> <td><u>3 7/8</u></td> <td><u>414</u></td> <td><u>430</u></td> </tr> </table>		Dia. (in.)	From (ft.)	To (ft.)	<u>6 1/2</u>	Surface	<u>414</u>	<u>3 7/8</u>	<u>414</u>	<u>430</u>	7) BOREHOLE COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input checked="" type="checkbox"/> Other <u>4" x 2 1/2"</u> If Gravel Packed give interval . . . from _____ ft. to _____ ft.																		
Dia. (in.)	From (ft.)	To (ft.)																													
<u>6 1/2</u>	Surface	<u>414</u>																													
<u>3 7/8</u>	<u>414</u>	<u>430</u>																													
From (ft.)		To (ft.)		Description and color of formation material																											
0		36		Clay																											
36		38		Sand																											
38		40		Clay																											
40		58		Sand, clay mix																											
58		78		Sand																											
78		172		Clay																											
172		190		Clay, sand/oyster shell																											
190		338		Clay																											
338		348		Sand																											
348		360		Clay																											
(Use reverse side if necessary)																															
13) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowls, cylinder, jet, etc., <u>315</u>		8) CASING, BLANK PIPE, AND WELL SCREEN DATA: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Dia. (in.)</th> <th rowspan="2">New or Used</th> <th rowspan="2">Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial</th> <th colspan="2">Setting (ft.)</th> <th rowspan="2">Gage Casting Screen</th> </tr> <tr> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>new</td> <td>PVC</td> <td>0</td> <td>406</td> <td></td> </tr> <tr> <td>2 1/2</td> <td>new</td> <td>Galvanized</td> <td>400</td> <td>410</td> <td></td> </tr> <tr> <td>2 1/2</td> <td>new</td> <td>wrapped Sch. 80</td> <td>410</td> <td>430</td> <td>.010</td> </tr> </tbody> </table>				Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casting Screen	From	To	4	new	PVC	0	406		2 1/2	new	Galvanized	400	410		2 1/2	new	wrapped Sch. 80	410	430	.010
Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casting Screen																										
			From	To																											
4	new	PVC	0	406																											
2 1/2	new	Galvanized	400	410																											
2 1/2	new	wrapped Sch. 80	410	430	.010																										
14) WELL TESTS: Type Test: <input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Jetted <input type="checkbox"/> Estimated Yield: <u>50</u> gpm with _____ ft. drawdown after _____ hrs.		9) CEMENTING DATA [Rule 287.44(1)] Cemented from <u>406</u> ft. to <u>180</u> ft. No. of Sacks Used <u>20</u> _____ ft. to <u>15</u> ft. No. of Sacks Used <u>3</u> Method used <u>Pressure cemented & Grouted</u> Cemented by <u>Derrick Drilling Co.</u>																													
15) WATER QUALITY: Did the drilling penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Slab Installed [Rule 287.44(2)(A)] <input type="checkbox"/> Pitless Adapter Used [Rule 287.44(3)(B)] <input checked="" type="checkbox"/> Approved Alternative Procedure Used [Rule 287.71]																													
		11) WATER LEVEL: Static level <u>215</u> ft. below land surface Date <u>10/19/90</u> Artesian flow _____ gpm. Date _____																													
		12) PACKERS: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Type</th> <th>Depth</th> </tr> </thead> <tbody> <tr> <td><u>B.P. Seal</u></td> <td><u>400'</u></td> </tr> <tr> <td><u>Rubber K</u></td> <td><u>15'</u></td> </tr> </tbody> </table>				Type	Depth	<u>B.P. Seal</u>	<u>400'</u>	<u>Rubber K</u>	<u>15'</u>																				
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<u>B.P. Seal</u>	<u>400'</u>																														
<u>Rubber K</u>	<u>15'</u>																														
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.																															
COMPANY NAME <u>Derrick Drilling Co.</u> <small>(Type or print)</small>		WELL DRILLER'S LICENSE NO. <u>1958</u>																													
ADDRESS <u>P.O. Box 1704</u> <u>Pearland</u> TX <u>77588</u> <small>(Street or RFD) (City) (State) (Zip)</small>																															
(Signed) <u>James Derrick</u> <small>(Licensed Well Driller)</small>		(Signed) _____ <small>(Registered Driller Trainee)</small>																													
Please attach electric log, chemical analysis, and other pertinent information, if available.					For TWC use only: Well No. <u>6522-4</u> Located on map _____																										

WWD-012 (Rev. 09/21/88)

TEXAS WATER COMMISSION COPY

182089



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 253 Distance from Property: 3.72 mi. SSW

ID NUMBER: TX182088
STATE ID : 65-22-4
OWNER NAME: NICKENS, J.C.
DATE DRILLED: 10/19/1990
DEPTH DRILLED: 430'
STATIC LEVEL: 215'
WATER USAGE: IRRIGATION
LONGITUDE: -95.365466000
LATITUDE: 29.707263000

2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 182088

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711

Please use black ink.

ATTENTION OWNER: Confidentiality Privilege-Notice on Reverse Side		State of Texas WELL REPORT		Texas Water Well Drillers Board P.O. Box 13087 Austin, Texas 78711	
1) OWNER <u>Nickens, J.C.</u> (Name)		ADDRESS <u>3418 S. Parkwood</u> (Street or RFD)		City <u>Hou</u> (City) State <u>TX</u> (State) Zip <u>77021</u> (Zip)	
2) LOCATION OF WELL: County <u>Harris</u> 8 miles in <u>S.</u> direction from <u>Houston</u> (Town)					
Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.					
<input type="checkbox"/> LEGAL DESCRIPTION: Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____ Distance and direction from two intersecting section or survey lines _____ <input checked="" type="checkbox"/> SEE ATTACHED MAP <u>3418 S. Parkwood 01065-22-4</u>					
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Monitor <input type="checkbox"/> Public Supply <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Test Well <input type="checkbox"/> Injection <input type="checkbox"/> De-Watering		5) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Air Hammer <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Air Rotary <input type="checkbox"/> Cable Tool <input type="checkbox"/> Other _____	
6) WELL LOG: Date Drilling: Started <u>10/16</u> 19 <u>90</u> Completed <u>10/19</u> 19 <u>90</u>		DIAMETER OF HOLE Dia. (in.) From (ft.) To (ft.) <u>6 1/2</u> Surface <u>4 1/4</u> <u>3 7/8</u> <u>4 1/4</u> <u>4 3/8</u>		7) BOREHOLE COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input checked="" type="checkbox"/> Other <u>4" x 2 1/2"</u> If Gravel Packed give interval . . . from _____ ft. to _____ ft.	
From (ft.) To (ft.) Description and color of formation material		8) CASING, BLANK PIPE, AND WELL SCREEN DATA:			
		Dia. (in.) New or Used Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial		Setting (ft.) Gage Casting Screen	
				From To	
<u>0 36 Clay</u>		<u>4 new PVC</u>		<u>0 406</u>	
<u>36 38 Sand</u>		<u>2 1/2 new Gravel</u>		<u>400 410</u>	
<u>38 40 Clay</u>		<u>2 1/2 new Unwrapped Sch 80</u>		<u>410 430 .010</u>	
<u>40 58 Sand/clay mix</u>					
<u>58 78 Sand</u>					
<u>78 172 Clay</u>					
<u>172 190 - Clay/Sand/ou...</u>					
<u>190 338 - Clay</u>					
<u>338 348 Sand</u>					
		9) CEMENTING DATA [Rule 287.44(1)] Cemented from <u>406</u> ft. to <u>180</u> ft. No. of Sacks Used <u>20</u> <u>0</u> ft. to <u>15</u> ft. No. of Sacks Used <u>3</u> Method used <u>Pressure & grouted</u> Cemented by <u>Derrick Drilling</u>			
13) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowls, cylinder, jet, etc., <u>294</u>		10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Slab Installed [Rule 287.44(2)(A)] <input type="checkbox"/> Pitless Adapter Used [Rule 287.44(3)(B)] <input checked="" type="checkbox"/> Approved Alternative Procedure Used [Rule 287.71]			
14) WELL TESTS: Type Test: <input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Jetted <input type="checkbox"/> Estimated Yield: <u>50</u> gpm with _____ ft. drawdown after _____ hrs.		11) WATER LEVEL: Static level <u>2-15</u> ft. below land surface Date <u>10/19/90</u> Artesian flow _____ gpm Date _____			
15) WATER QUALITY: Did the drilling penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input type="checkbox"/> No		12) PACKERS: Type Depth <u>B.P. Seal</u> <u>400'</u> <u>Rubber</u> <u>15'</u>			
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.					
COMPANY NAME <u>Derrick Drilling Co.</u> (Type or print)		WELL DRILLER'S LICENSE NO. <u>195-8</u>			
ADDRESS <u>P.O. Box 1704</u> (Street or RFD)		<u>Pearland</u> (City) <u>TX</u> (State) <u>77566</u> (Zip)			
(Signed) <u>[Signature]</u> (Licensed Well Driller)		(Signed) _____ (Registered Driller Trainee)			
Please attach electric log, chemical analysis, and other pertinent information, if available.		For TWC use only: Well No. <u>6522-4</u> Located on map _____			

RECEIVED
FEB 13 1991
TEXAS WATER WELL DRILLERS BOARD

WWD-012 (Rev. 09/21/88)

TEXAS WATER COMMISSION COPY

182088



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 254 Distance from Property: 3.72 mi. SSW

ID NUMBER: TX199546
STATE ID : 65-22-1J
OWNER NAME: MR. O'NEIL
DATE DRILLED: 06/06/1984
DEPTH DRILLED: 430'
STATIC LEVEL: 215'
WATER USAGE: DOMESTIC
LONGITUDE: -95.366173000
LATITUDE: 29.707380000

2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 199546



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 199546

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Mr. O'Neil (Name) Address 3412 Parkwood Dr. Houston Tex. (City) (State) (Zip)

2) LOCATION OF WELL: County Fort Bend miles in South direction from Houston (Town)

3) TYPE OF WORK (Check):
 New Well Deepening
 Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Public Supply
 Irrigation Test Well Other

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored
 Air Rotary Cable Tool Jetted Other

6) WELL LOG:
Date drilled 6/6/84

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	416
3 7/8	416	430

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other 4" x 2 1/2"

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgt., if commercial	Setting (ft.)		Gage Casing Screen
						From	To	
0	3	Top Soil						
3	30	Red Clay						
30	68	Sand, Yellow, Fine	4	new	Sch 40 PVC	0	408	
68	70	Stone	2 1/2	new	Sch 40 PVC	400	410	
70	153	Red Clay	2 1/2	new	Sch 40 PVC	410	430	
153	163	Sand, Fine, White			Slotted			.010
163	183	Red Clay						.012
183	190	Sand, White, Fine						
190	228	Red Clay						
228	265	Sand, White, Fine						
265	362	Red Clay						
362	378	Sand, Fine						
378	406	Red Clay						
406	430	Sand, White, Med. Coarse						

CEMENTING DATA
 Cemented from 408 ft. to 100 ft.
 Method used Pressure Cemented
 Cemented by Derrick Drilling Co. (Company or Individual)

9) WATER LEVEL:
 Static level 215 ft. below land surface Date 6/6/84
 Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth
Lead Seal Packer 400"

11) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
 Depth to pump bowls, cylinder, jet, etc., 283 ft.

12) WELL TESTS:
 Type Test Pump Bailer Jetted Estimated
 Yield: 38 gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
 Did you knowingly penetrate any strata which contained undesirable water? Yes No
 If yes, submit "REPORT OF UNDESIRABLE WATER"
 Type of water? _____ Depth of strata _____
 Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME Derrick Drilling Co. Water Well Driller's License No. 1958
 (Type or Print)

ADDRESS P.O. Box 1704 Pearland Texas 77584
 (Street or RFD) (City) (State) (Zip)

Signed [Signature] (Signed) _____
 (Licensed Water Well Driller) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
 Well No. 6583-13
 Located on map 460MM

RECEIVED

AUG - 6 1984

DEPT. OF
WATER RESOURCES

(Use reverse side if necessary)

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 254 Distance from Property: 3.72 mi. SSW

WELL ID: **14868**
OWNERS NAME:
YEAR DRILLED: **Not Reported**
DEPTH DRILLED: **300'**
STATIC LEVEL: **NOT REPORTED**
WATER USAGE: **SINGLE FAMILY RESIDENTIAL**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.366173000**
LATITUDE: **29.707380000**
SOURCE: **HGSD**



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 255 Distance from Property: 3.73 mi. NE

ID NUMBER: TX222253
STATE ID : 65-06-8D
OWNER NAME: CORBETT FABRICATING
DATE DRILLED: 03/04/1966
DEPTH DRILLED: 344'
STATIC LEVEL: 152'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.305530000
LATITUDE: 29.795240000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 222253

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711	State of Texas WATER WELL REPORT	For TWDB use only Well No. <u>65-06-80</u> Located on map <u>645</u> Received: _____ Form GW 8 _____ Form GW 9 _____																																										
1) OWNER: Person having well drilled <u>Corbett Fabricating Co.,</u> Address <u>4009 Homestead, Houston, Tex.</u> Landowner <u>Same</u>																																												
2) LOCATION OF WELL: County <u>Harris</u> League _____ Abstract No. _____ NW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section _____ Block No. _____ Survey _____ miles in _____ direction from _____ (Town) _____ <p style="text-align: center;">LOCATION OF WELL: 3838 Majestic St. Houston, Texas N - P - 14</p> <p style="text-align: center;">Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.</p>																																												
3) TYPE OF WORK (Check): New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging <input type="checkbox"/>	4) PROPOSED USE (Check): Domestic <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Municipal <input type="checkbox"/> Irrigation <input type="checkbox"/> Test Well <input type="checkbox"/> Other <input type="checkbox"/>	5) TYPE OF WELL (Check): Rotary <input checked="" type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Cable <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/>																																										
6) WELL LOG: Diameter of hole <u>4"</u> in. Depth drilled <u>344</u> ft. Depth of completed well <u>344</u> ft. Date drilled <u>3/4/66</u> All measurements made from <u>0</u> ft. above ground level.																																												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>From (ft.)</th> <th>To (ft.)</th> <th>Description and color of formation material</th> </tr> </thead> <tbody> <tr><td>0</td><td>52</td><td>Yellow Clay</td></tr> <tr><td>52</td><td>58</td><td>Sand - Fine</td></tr> <tr><td>58</td><td>96</td><td>Red Clay</td></tr> <tr><td>96</td><td>120</td><td>Sand</td></tr> <tr><td>120</td><td>149</td><td>Sandy Blue Clay</td></tr> <tr><td>149</td><td>161</td><td>Sand</td></tr> <tr><td>161</td><td>180</td><td>Broken Sandy Shale</td></tr> <tr><td>180</td><td>204</td><td>Sand - Hard</td></tr> </tbody> </table>	From (ft.)	To (ft.)	Description and color of formation material	0	52	Yellow Clay	52	58	Sand - Fine	58	96	Red Clay	96	120	Sand	120	149	Sandy Blue Clay	149	161	Sand	161	180	Broken Sandy Shale	180	204	Sand - Hard	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>From (ft.)</th> <th>To (ft.)</th> <th>Description and color of formation material</th> </tr> </thead> <tbody> <tr><td>204</td><td>216</td><td>Shale - Sandy</td></tr> <tr><td>216</td><td>275</td><td>Yellow Clay</td></tr> <tr><td>275</td><td>335</td><td>Sand</td></tr> <tr><td>335</td><td>344</td><td>Shale, Sandy</td></tr> </tbody> </table> <p style="text-align: right;">(Use reverse side if necessary)</p>		From (ft.)	To (ft.)	Description and color of formation material	204	216	Shale - Sandy	216	275	Yellow Clay	275	335	Sand	335	344	Shale, Sandy
From (ft.)	To (ft.)	Description and color of formation material																																										
0	52	Yellow Clay																																										
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216	275	Yellow Clay																																										
275	335	Sand																																										
335	344	Shale, Sandy																																										
7) COMPLETION (Check): Straight wall <input checked="" type="checkbox"/> Gravel packed <input type="checkbox"/> Other <input type="checkbox"/> Under reamed <input type="checkbox"/> Open hole <input type="checkbox"/>	8) WATER LEVEL: Static level <u>152</u> ft. below land surface Date _____ Artesian pressure _____ lbs. per square inch Date _____																																											
9) CASING: Type: old <input type="checkbox"/> New <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Plastic <input type="checkbox"/> Other <input type="checkbox"/> Cemented from <u>0</u> ft. to <u>315</u> ft.	10) SCREEN: Type <u>LOP, Stainless</u> Perforated <input type="checkbox"/> Slotted <input type="checkbox"/>																																											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Diameter (inches)</th> <th>Setting From (ft.)</th> <th>To (ft.)</th> <th>Gage</th> </tr> </thead> <tbody> <tr> <td>4"</td> <td>0</td> <td>315</td> <td>9$\frac{1}{2}$Lb Std</td> </tr> </tbody> </table>	Diameter (inches)	Setting From (ft.)	To (ft.)	Gage	4"	0	315	9 $\frac{1}{2}$ Lb Std	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Diameter (inches)</th> <th>Setting From (ft.)</th> <th>To (ft.)</th> <th>Slot size</th> </tr> </thead> <tbody> <tr> <td>2$\frac{1}{2}$</td> <td>316</td> <td>336</td> <td>.612 Ga.</td> </tr> </tbody> </table>		Diameter (inches)	Setting From (ft.)	To (ft.)	Slot size	2 $\frac{1}{2}$	316	336	.612 Ga.																										
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Diameter (inches)	Setting From (ft.)	To (ft.)	Slot size																																									
2 $\frac{1}{2}$	316	336	.612 Ga.																																									
11) WELL TESTS: Was a pump test made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes by whom? _____ Yield: _____ gpm with _____ ft. drawdown after _____ hrs Bailer test _____ gpm with _____ ft. drawdown after _____ hrs Artesian flow _____ gpm Date _____ Temperature of water _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Did any strata contain undesirable water? <input type="checkbox"/> Yes <input type="checkbox"/> No Type of water? _____ depth of strata _____	12) PUMP DATA: Manufacturer's Name <u>Red Jacket Pump Co.,</u> Type <u>Submersible</u> H.P. <u>5 HP</u> Designed pumping rate _____ gpm <input type="checkbox"/> gph <input type="checkbox"/> Type power unit <u>Electric</u> Depth to bowls, cylinder, jet, etc., <u>220</u> ft. below land surface.																																											
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.																																												
NAME <u>R. B. Lowry</u> Address <u>4012 Fulton Street</u> (Signed) <u>R. B. Lowry</u>	Water Well Drillers Registration No. <u>146</u> <u>Houston</u> <u>Texas</u> <u>LOWRY WATER WELLS</u>																																											
Please attach electric log, chemical analysis, and other pertinent information, if available.																																												

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 255 Distance from Property: 3.73 mi. NE

STATE ID: 65-14-517
OWNER'S NAME: CORBETT FABRICATING CO
DATE DRILLED: 03/04/1966
DEPTH DRILLED: 344'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.305530000
LATITUDE: 29.795240000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514517/6514517.pdf>



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 256 Distance from Property: 3.75 mi. W

ID NUMBER: TX187798
STATE ID : 65-13-9
OWNER NAME: LANIER YATES
DATE DRILLED: 07/26/2002
DEPTH DRILLED: 401'
STATIC LEVEL: 215'
WATER USAGE: DOMESTIC
LONGITUDE: -95.415585000
LATITUDE: 29.755585000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 187798

101

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: YATES, LANIER ADDRESS: 2454 PINE VALLEY DR CITY: HOUSTON STATE: TX ZIP: -

2) ADDRESS OF WELL: County: HARRIS GRID # 65-13-9 Street or RFD: 2454 PINE VALLEY City, State, Zip code: HOUSTON, TX -

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: DOMESTIC
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 24478

DATE DRILLING:	DIAMETER	FROM	TO	7) DRILLING METHOD:	8) BOREHOLE COMPLETION:
STARTED: 07/24/02	7 7/8	0	401	MUD ROTARY	STRAIGHT WALL
COMPLETED: 07/26/02					IF GRAVEL... FROM FT. TO FT. FROM FT. TO FT.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5	N	PVC CASING	0	378	SDR17
2.5	N	GALVANIZED LINER	360	381	MW
2.5	N	S/S PIPE BASE SCREEN	381	401	08

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	TOP SOIL
3	92	CLAY
92	114	SAND
114	180	CLAY
180	188	SAND
188	222	CLAY
222	231	SAND
231	258	CLAY
258	285	FINE SAND
285	305	CLAY
305	340	FINE SAND
340	380	CLAY
380	400	SAND
400	401	CLAY

5) CEMENTING DATA:

Cemented from 378 FT. TO 0 FT. No. of Sacks Used 30
FT. TO FT.

Method used: PRESSURE
Cemented by: ODCI
Distance to septic field lines: ft.
Method of verification of above distance:

10) SURFACE COMPLETION:
SURFACE SLEEVE

11) WATER LEVEL:
STATIC LEVEL : 215 FT. DATE: 07/25/02
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH
B P SEAL 360

RECEIVED
TELE MAIL ROOM
AUG 2 4 2007

NO CHEMICAL ANALYSIS MADE

13) TYPE PUMP: SUBMERSIBLE DEPTH TO PUMP: 336

14) WELL TEST: JETTED YIELD: 30 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY: TYPE OF WATER: N/A DEPTH OF STRATA: 20 NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: O'DAY DRILLING CO., INC. WATER WELL DRILLER'S LICENSE NO.: 1877,4111 (4888) FOR TWC USE ONLY
ADDRESS: 2357 GARDEN RD CITY: PEARLAND STATE: TX ZIP CODE: 77581-8744 WELL NO. LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Rosendo MORA (signed) _____
LICENSED WATER WELL DRILLER (REGISTERED DRILLER/TRAINEE)



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 257 Distance from Property: 3.76 mi. N

ID NUMBER: TX199438
STATE ID : 65-14-4
OWNER NAME: AM PUMP & WELL
DATE DRILLED: 03/06/1989
DEPTH DRILLED: 42'
STATIC LEVEL: 18'
WATER USAGE: DOMESTIC
LONGITUDE: -95.347365000
LATITUDE: 29.814550000
2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 199438

Please use black ink. Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Am Pump & Well (Name) Address 911 Keller Hwy, Tx (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 10 miles in N direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map. 0165-08-8

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other _____

5) DRILLING METHOD (Check): Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other _____

6) WELL LOG:

Date Drilling:	DIAMETER OF HOLE	
	From (ft.)	To (ft.)
Started <u>3-5</u> 19 <u>89</u>	<u>0</u>	Surface
Completed <u>3-6</u> 19 <u>89</u>		<u>42</u>

7) BOREHOLE COMPLETION: Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
If Gravel Packed give interval . . . from 25 ft. to 42 ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
						From	To	
<u>0-3</u>		<u>Surface Sand</u>						
<u>3-38</u>		<u>Clay</u>		<u>N</u>	<u>PVC</u>	<u>0</u>	<u>32</u>	<u>40</u>
<u>38-42</u>		<u>Sand</u>		<u>N</u>	<u>PVC Slotted</u>	<u>32-42</u>		<u>217</u>

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 15 ft. No. of Sacks Used 5
Method used Hand
Cemented by CEWS

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pistless Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 18 ft. below land surface Date 3/6/89
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____

13) TYPE PUMP: Not set
 Turbine Jet Submersible Cylinder
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: Pump Bailor Jetted Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? Potable Depth of strata 4
Was a chemical analysis made? Yes No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME COASTAL WATER WELL (Type or Print) Water Well Driller's License No. 812
ADDRESS P.O. Box 745 (Street or RFD) Porter, Tx (City) 77365 (State) (Zip)
(Signed) J.W. Gebel (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 65-14-4
Located on map _____

WWD-012 (Rev.01-28-87)

TEXAS WATER COMMISSION COPY



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Page # 2 out of 2
Water Well ID: 199438



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 258 Distance from Property: 3.78 mi. NE

STATE ID: **65-14-508**

OWNER'S NAME: **GENERAL METALS CORP.**

DATE DRILLED: **00/00/1938**

DEPTH DRILLED: **912'**

WATER USAGE: **UNUSED**

LONGITUDE: **-95.303450000**

LATITUDE: **29.794210000**

SOURCE: **TWDB**

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514508/6514508.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 258 Distance from Property: 3.78 mi. NE

STATE ID: **65-14-505**
OWNER'S NAME: **GENERAL METALS CORP.**
DATE DRILLED: **00/00/1943**
DEPTH DRILLED: **217'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.303450000**
LATITUDE: **29.794230000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514505/6514505.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 259 Distance from Property: 3.80 mi. WNW

STATE ID: 65-13-910
OWNER'S NAME: FIDELITY CHEM. CORP.
DATE DRILLED: 00/00/1917
DEPTH DRILLED: 465'
WATER USAGE: UNUSED
LONGITUDE: -95.409180000
LATITUDE: 29.786340000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513910/6513910.pdf>



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 260 Distance from Property: 3.82 mi. SW

WELL ID: 4477
OWNERS NAME: HOUSTON, CITY OF
YEAR DRILLED: 1992
DEPTH DRILLED: NOT REPORTED
STATIC LEVEL: NOT REPORTED
WATER USAGE: PUBLIC SUPPLY
WELL STATUS: ACTIVE
LONGITUDE: -95.391389000
LATITUDE: 29.715833000
SOURCE: HGSD



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 261 Distance from Property: 3.82 mi. E

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294613095172601**

STATION NAME: **LJ-65-14-912**

SITE TYPE: **GW**

LATITUDE: **29.770900000** LONGITUDE: **-95.290340000**

DATE DRILLED: **192901**

WELL DEPTH: **676 feet**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **CHICOT AQUIFER**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 261 Distance from Property: 3.82 mi. E

STATE ID: 65-14-912

OWNER'S NAME: LAYNE BOWLER CO.

DATE DRILLED: 00/00/1929

DEPTH DRILLED: 676'

WATER USAGE: UNUSED

LONGITUDE: -95.290340000

LATITUDE: 29.770900000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514912/6514912.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
State ID: 65-14-912

WRD Exp. (GW)
April 1966

Well No. J-65-14-912

WELL SCHEDULE
U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD

Record by G.D. McAdoo Source of data File Date 1-17-68 Map 1:24000 Sellegast 1955

State Texas County Harris (or town) Harris Sequential number: 1

Latitude: 29° 46' 13" N Longitude: 095° 17' 26" W

Local well number: 4J-65-14-912 Other number: 757 in 289-C

Local use: _____ Owner or name: LAYNE BOWLER CO. Address: Houston, Texas

Ownership: (C) County, (F) Fed Gov't, (M) City, Corp of Co, Private, State Agency, Water Dist (N)

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Mad, (J) P S, (K) Rec, (L) Stock, (M) Instit, (N) Unused, (O) Recharge, (P) Desal-P S, (Q) Desal-other, (R) Other (U)

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed (U)

DATA AVAILABLE: Well data (B) 70 Freq. W/L meas.: 1929-Quarterly 71 Field aquifer char. 72

Hyd. lab. data: _____ 73

Qual. water data; type: _____ 74

Freq. sampling: None 75 Pumpage inventory: yes () no, period: _____ 76

Aperture cards: _____ yes 77

Log data: D 109 78

WELL-DESCRIPTION CARD

() SAME AS ON MASTER CARD Depth well: 676 ft Meas. (3) Driller accuracy

Depth cased; (first perf.): 577 ft Casing type: 5 Dim. 10 in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) perf., (K) screen, (L) sd. pt., (M) shored, (N) open hole, (O) other (G)

Method: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (E) rot., (F) air percussion, (G) reverse, (H) trenching, (I) driven, (J) drive wash, (K) other (H)

Date Drilled: 1929 9:29 Pump intake setting: _____ ft

Driller: Loyne Texas Co., Houston, Texas address

Lift (type): (A) air, (B) bucket, (C) cent. jet, (D) multiple (cent.), (E) multiple (turb.), (F) none, (G) piston, (H) rot, (I) submerg, (J) turb, (K) other (N) Deep () Shallow ()

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. Trans. of meter no. _____

Descrip. MP () ft below LSD, Alt. MP 45

Alt. LSD: 45 ft Accuracy: (3) Topo 5' 47

Water Level: _____ ft Accuracy: (A) MEAS. 48

Date meas: 1929 -29 Yield: 660 spm 660 Method determined () 49

Drawdown: 46 ft Accuracy: (3) rept. Pumping period _____ hrs 49

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm 70

Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled _____ 71

Taste, color, etc. _____ 72

Well No. J-65-14-912

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 262 Distance from Property: 3.85 mi. W

TRACK #: 404314

DATE ENTERED: 2015-09-11

OWNER NAME: CAMPO, RICHARD

OWNER ADDRESS: 2910 LAZY LANE
HOUSTON, TX 77019

COUNTY: HARRIS

LATITUDE: 29.756112000 LONGITUDE: -95.417500000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=404314&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2015-07-08

DRILLING DATE (COMPLETED): 2015-07-14

DEPTH DRILLED: 361'

WATER LEVEL:

STATIC LEVEL: 175'

WATER LEVEL DATE: 2015-07-12

TYPE OF WATER: NOT TESTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: ALMEDA WATER WELL SERVICE

COMPANY ADDRESS: PO BOX 266
MANVEL, TX 77578



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 262 Distance from Property: 3.85 mi. W

WELL ID: **13062**
OWNERS NAME:
YEAR DRILLED: **Not Reported**
DEPTH DRILLED: **450'**
STATIC LEVEL: **430'**
WATER USAGE:
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.417402000**
LATITUDE: **29.756391000**
SOURCE: **HGSD**



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 263 Distance from Property: 3.85 mi. ESE

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294413095173801**

STATION NAME: **LJ-65-22-230**

SITE TYPE: **GW**

LATITUDE: **29.737242000** LONGITUDE: **-95.294359000**

DATE DRILLED: **05/06/1974**

WELL DEPTH: **62 feet**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **NOT REPORTED**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 263 Distance from Property: 3.85 mi. ESE

STATE ID: **65-22-230**

OWNER'S NAME: **NOT REPORTED**

DATE DRILLED: **NOT REPORTED**

DEPTH DRILLED: **62'**

WATER USAGE: **PUBLIC SUPPLY**

LONGITUDE: **-95.294360000**

LATITUDE: **29.737240000**

SOURCE: **TWDB**

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522230/6522230.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
State ID: 65-22-230

FORM 9-1642B
(DEC 68)

Well

65-22-230

WELL SCHEDULE FIRE STATION
GEOLOGICAL SURVEY and 7411 E Ave F WATER RESOURCES DIVISION

U. S. DEPT. OF THE INTERIOR

MASTER CARD

Record by C. Loskot Source of data Obser Date 5-6-74 Map Park Place, 1967
State TEXAS County (or town) HARRIS L.J.
Latitude: 29 44 13 N Longitude: 095 17 38 W Sequential number: 1
Local well number: LJ-65-22-230 Other number: B & M

Local use: _____ Owner or name: USGS Address: Houston

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist F
Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, U
Water: Stock, Instit, Unused, Recharge, Desal-P S, Desal-other, Other U
Use of well: Anode, Drain, Seismic, Heat Rec, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed U

DATA AVAILABLE: Well data Freq. W/L meas.: monthly Field aquifer char.
Hyd. lab. data: new MIS 2-25
Qual. water data; type: _____
Freq. sampling: USGS Pumpage inventory: yes no: _____ period: _____
Aperture cards: _____ yes no

Log data: Drillers Log

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 62 ft 62 Meas. accuracy
Depth cased; (first perf.): 45 ft 4:5 Casing type: PLASTIC ; Diam. 2 in
Finish: porous concrete, gravel v. (screen), gravel v. horiz. gallery, open pert., screen, ad. pt., shored, other F
Method drilled: air bored, cable, dug, hyd jetted, air percussion, rotary, other B
Date drilled: 5-6-74 9:7:4 Pump intake setting: _____ ft

Driller: U.S.G.S. Hydrologic Equip
Lift (type): (A) air, bucket, cent, jet, (B) multiple, (C) multiple, (D) multiple, (E) none, (F) piston, rot, submerg, turb, other N Deep Shallow
Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. new Trans. of water no.

Descrip. top of 4" casing + 2.0 ft above LSD, Alt. MP 36 36 Accuracy: top of S

Water Level 14.23 ft above MP; Ft below LSD 1.2 Accuracy: measured
Date meas: 5-7-74 5:7:4 Yield: _____ Method determined

Drawdown: _____ ft Accuracy: _____ Pumping period: _____ hrs

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm
Sp. Conduct _____ K x 10⁶ Temp. _____ °F Data sampled _____

Taste, color, etc.

95 17 30
95 17 38
1 43
2942 30
2943 73
2944-13

15.00
14.23

Well No.

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 2
State ID: 65-22-230

Well No. LJ-6-22-230

Latitude-longitude 29.44.13 N 095.17.38 W

HYDROGEOLOGIC CARD

1 SAME AS ON MASTER CARD **19** Physiographic Province: 03 **20** Section: _____

21 Drainage Basin: F **22** Subbasin: SITR **23** _____

24 (D) depression, stream channel, dunes, flat, hilltop, sink, swamp. **25** (E) (F) (G) (H) (I) (J) (K) (L) **26** (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) **27** _____

28 MAJOR Aquifer: _____ system _____ series Q **29** Chicot **30** aquifer, formation, group CU **31** _____

32 Lithology: sand **33** _____ **34** Origin: _____ **35** _____ **36** Aquifer Thickness: _____ ft

37 Length of well open to: _____ ft **38** 6 **39** Depth to top of: _____ ft **40** _____ **41** _____ **42** _____

43 MINOR Aquifer: _____ system _____ series _____ **44** _____ **45** aquifer, formation, group _____ **46** _____ **47** _____

48 Lithology: _____ **49** _____ **50** Origin: _____ **51** _____ **52** Aquifer Thickness: _____ ft

53 Length of well open to: _____ ft **54** _____ **55** Depth to top of: _____ ft **56** _____ **57** _____ **58** _____

59 Intervals Screened: 45-61

60 Depth to consolidated rock: _____ ft **61** _____ **62** Source of data: _____ **63** _____

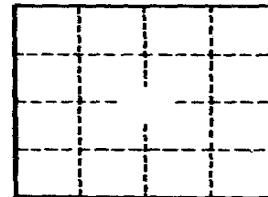
64 Depth to basement: _____ ft **65** _____ **66** Source of data: _____ **67** _____

68 Surficial material: _____ **69** _____ **70** Infiltration characteristics: _____ **71** _____

72 Coefficient Trans: _____ gpd/ft **73** _____ **74** Coefficient Storage: _____ **75** _____

76 Coefficient Perm: _____ spd/ft²; Spec cap: _____ **77** spm/ft; Number of geologic cards: _____ **78** _____

Observation drilled behind abandoned C. Houston firestation about 8' west of RR. ditch
73rd + F St.



Well No.

GPO 869-201

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 264 Distance from Property: 3.86 mi. SW

STATE ID: 65-21-327

OWNER'S NAME: CITY OF HOUSTON SOUTH END #12

DATE DRILLED: 04/00/1965

DEPTH DRILLED: 1955'

WATER USAGE: PUBLIC SUPPLY

LONGITUDE: -95.395476000

LATITUDE: 29.717992000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521327/6521327.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 6
State ID: 65-21-327

WRD Exp. (GW)
April 1966

Well No. LT-65-21-327

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD (T. BROWN)

Record by W.L.N. (4-26-65) Source of data FILES Date 2-21-68 Map Bellaire 1755 1:24000

State Texas County Harris City or town 4:8 L.V.

Latitude: 29° 43' 02" N Longitude: 095° 23' 43" W Sequential number: 7

Local well number: LJ-65-21-327 Other number: SOUTHEND #12

Local use: _____ Owner or name: CITY OF HOUSTON

Owner or name: CITY OF HOUSTON Address: HERMANN PARK

Ownership: County, Fed Gov't, City, Corp of Co, Private, State Agency, Water Dist M

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Mad, Ind, P S, Rec, Stock, Instit, Unused, Recharge, Desal-P S, Desal-other, Other P

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed W

DATA AVAILABLE: Well date 1 Freq. W/L meas.: Annual Field aquifer char. A

Hyd. lab. data: _____

Qual. water data; type: _____

Freq. sampling: 4-26-65 Pumpage inventory: yes no. Period: _____

Aperture cards: _____

Log date: E-LOG AA-60 TO 2250'

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1955 ft Meas. Driller accuracy 3

Depth cased; (first perf.): 705 ft Casing type: 5 ; Diam. 24-12 in

Finish: porous concrete, gravel w. horis. screen, sd. pt., shored, other G

Method Drilled: air bored, cable, dug, jetted, air percussion, rotary, reverse trenching, driven, drive wash, other H

Date Drilled: APR-1965 Pump intake setting: _____ ft

Driller: KATY DRILLING CO., KATY, TEXAS

Lift (type): (A) air, bucket, cent, jet, multiple, nose, piston, rot, submerg, (B) bucket, other 7 (C) Deep D

Power (type): diesel, gas, gasoline, hand, gas, wind; H.P. 5 YEARS OF METER NO. _____

Descrip. MP TOP OF STEEL "I" BEAM 1.5 ft above LSD Alt. MP 55.5'

Alt. LSD: 50 Accuracy: (source) 5' TO 10'

Water Level 291.81 ft above MP; LSD 290 Accuracy: MEGS

Date meas: 4-25-65 Yield: 3002 spm 30002 Method determined 4

Drawdown: 72.384.06 2225 ft Accuracy: MEAS. Pumping period 24 hr 24

QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____

Sp. Conduct _____ Temp. 84 °F Date sampled 4-26-65

Taste, color, etc. _____

Well No. LT-65-21-327

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 6
State ID: 65-21-327

Well No. LJ-65-21-327

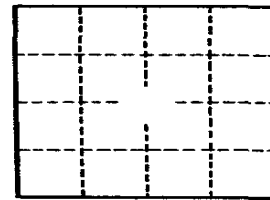
Latitude-longitude 29, 43, 02 095, 23, 43

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: COASTAL PLAINS Section: 0:3
 Drainage Basin: F Subbasin: 51R
 Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat
 MAJOR AQUIFER: system _____ series T aquifer, formation, group E
 Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft
 Length of well open to: 400 ft Depth to top of: 400 ft
 MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____
 Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft
 Length of well open to: _____ ft Depth to top of: _____ ft
 Intervals Screened: 705-720, 750-770, 800-810, 845-855, 250-960, 980-990, 1025-1035
 Depth to consolidated rock: _____ ft Source of data: _____
 Depth to basement: _____ ft Source of data: _____
 Surficial material: _____ Infiltration characteristics: _____
 Coefficient Trans: spd/ft: _____ Coefficient Storage: _____
 Coefficient Perm: _____ spd/ft²; Spec cap: gpm/ft; Number of geologic cards: _____

CASINGS:
 570' OF 24"
 490 - 8955 = 12 3/4"

SCREENS:
 1070-1085 - 15
 1105-1120 - 15
 1140-1150 - 10
 1195-1225 - 30
 1315-1325 - 10
 1380-1405 - 25
 1410-1425 - 15
 1450-1465 - 15
 1485-1510 - 25
 1545-1560 - 15
 1570-1580 - 10
 1610-1650 - 40
 1660-1675 - 15
 1700-1745 - 45
 1790-1800 - 10
 1920-1940 - 20
 1955 - BOTTOM



Well No. LJ-65-21-327

ONE HOUR RECOVERY TEST
 9-12-68
 GPM = 2100
 PL = 375' } M.P. = +2.0
 SL = 316'
 T = 143,000
 SP. CAP. = 36

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

020993

(11-74)

Latitude 29 43 02 Longitude 095 23 43 01 Seq. No. 1

County code 201 County HARRIS

Well # LT-65-21-327

Project number 7-4648-N000

Date 2-16-77 Time Temp °C 26.5

Owner City of Houston

Address South Gnd #12

Date drld 1965 WBF code

Sample interval:(top) 705 (bottom) 1940

Water level Appr Year Use PS

Collector Butler Yield GPM

Smpld aftr pmpg Depth

Pt of coll Tap on discharge

Field: Cond pH HCO₃ DO

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	72004			
DO (mg/l)	00300			
DO % Sat.	00301			
Temp °C	00010	2650	02	26.5
pH	00400	8000	01	8.0
Specific conductance	00095	5230	03	523
HCO ₃	00440	2600	03	260
CO ₃	00445	0000	01	0
Chloride (Cl)	00940	3400	02	34
Sulfate (SO ₄)	00945	1400	02	14

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I

Other

Herbicide Insecticide

Remarks:

Type 2 Station identification number 294302095234301

Time of measurement

Depth Parameter code 72008 Value Exp. Rmk

Yield (GPM) Parameter code 00059 Value Exp. Rmk

Sample interval (P) Parameter code 72015 Value 7050 Exp. 03 Rmk

Sample interval (BOTTOM) Parameter code 72016 Value 1940 Exp. 04 Rmk

Water level Parameter code 72019 Value Exp. Rmk

Color	00080			
Coliform, membrane filter	31501			
Coliform, fecal	31625			
Strep-tococci	31673			
BOD	00310			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 4 out of 6
State ID: 65-21-327

Latitude 29°43'02" Longitude 095°23'43.01" Seq. No. 01
 County code 1201 County Harris
 Well 12-65-21-327
 Project number 5-4648-01000
 Date 2-4-75 Time _____ Temp °C 27.5
 Owner City of Houston
 Address Southend # 12
 Date drld 5-65 WBF code 12/EVGL
 Sample interval: (top) 705 (bottom) 1940
 Water level _____ Appr _____ Use PS
 Collector Naftel Yield _____ GPM
 Smpld aftr pmpg on arrival Depth 1955
 Pt of coll fauet on pipe
 Field: Cond _____ pH _____ HCO₃ _____ DO _____

Indicate types of analyses
 Coliform _____ Phenols _____ Minors _____
 Nutrients MBAS _____ BOD _____ TOC _____ DOC _____
 Std chem schedule I + SO₄
 Other _____
 Herbicide _____ Insecticide _____
 Remarks:

Type 2 Station identification number 294302095237301
 1 2 9 5 2 3 7 3 0 1 6
 Y M D Time of measurement
75 02 07 _____
 17 Begin 22 29 32

Depth 72008 1955 07
 Yield (GPM) 00059 _____
 Sample interval TOP 72015 7050 03
 Sample interval BOTTOM 72016 1940 04
 Water _____

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	<u>72004</u>			
DO (mg/l)	<u>00300</u>			
DO % Sat.	<u>00301</u>			
Temp °C	<u>00010</u>	<u>27.50</u>	<u>02</u>	
pH	<u>00400</u>	<u>7.400</u>	<u>01</u>	<u>7.4</u>
Specific conductance	<u>00095</u>	<u>5730</u>	<u>03</u>	<u>573</u>
HCO ₃	<u>00440</u>	<u>2700</u>	<u>03</u>	<u>270</u>
CO ₃	<u>00445</u>	<u>0000</u>	<u>01</u>	<u>0</u>
Chloride (Cl)	<u>00940</u>	<u>4200</u>	<u>02</u>	<u>12</u>
Sulfate (SO ₄)	<u>00945</u>	<u>1200</u>	<u>02</u>	<u>12</u>
Color	<u>00080</u>			
Coliform, membrane filter	<u>31501</u>			
Coliform, fecal	<u>31616</u>			
Strep-tococci	<u>31679</u>			
BOD	<u>00310</u>			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

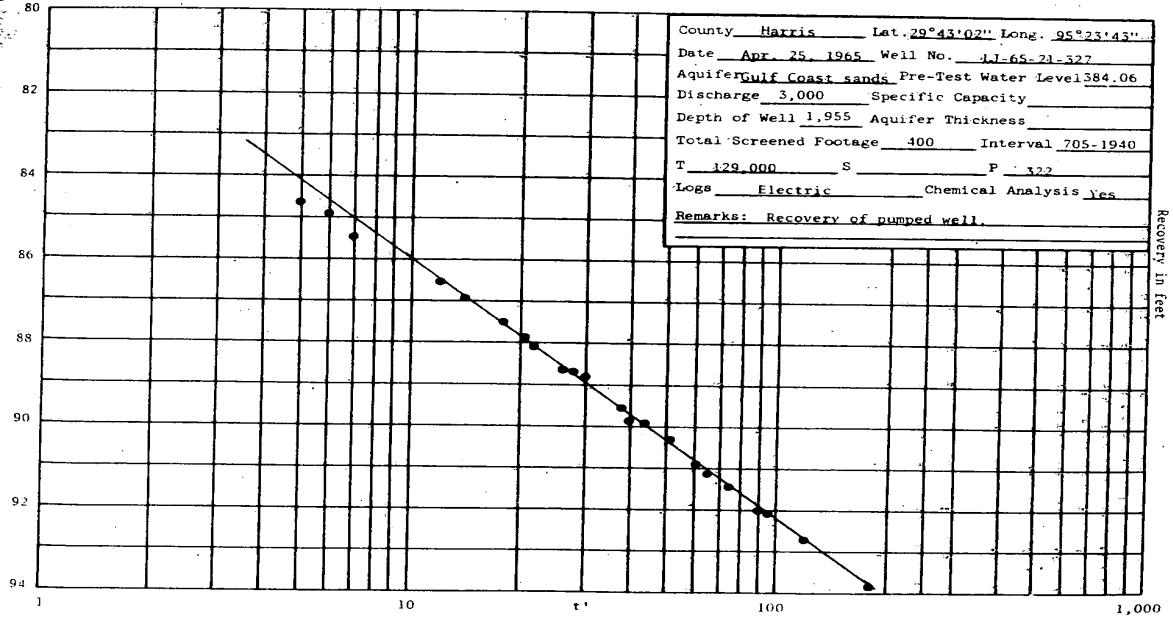
Latitude 294302 Longitude 095234301 Seq. No. 01
 County code 101 County HARRIS
 Well # LJ 65-21-327
 Project number T4648-01000
 Date 9-23-76 Time 1230 Temp °C 27.5
 Owner CITY OF HOUSTON
 Address SOUTH END #12
 Date drld 4-1965 WBF code EVGL
 Sample interval: (top) 705 (bottom) 1940
 Water level 412 Appr CLEAN Use P.S.
 Collector BEZANT Yield 1333 GPM
 Smpld aftr pmpg ON ARRIVAL Depth -
 Pt of coll TAP ON DISCH PIPE
 Field: Cond - pH - HCO₃ - DO -
 Indicate types of analyses
 Coliform - Phenols - Minors -
 Nutrients - MBAS - BOD - TOC - DOC -
 and chem schedule I
 Other -
 Herbicide - Insecticide -
 Remarks:

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	7,2,0,0,4			
DO (mg/l)	0,0,3,0,0			
DO % Sat.	0,0,3,0,1			
Temp °C	0,0,0,1,0	2,7,5,0	0,2	27.5
pH	0,0,4,0,0	7,8,0,0	0,1	7.8
Specific conductance	0,0,0,9,5	5,1,2,0	0,3	512
HCO ₃	0,0,4,4,0	2,5,6,0	0,3	256
CO ₃	0,0,4,4,5	0,0,0,0	0,1	0
Chloride (Cl)	0,0,9,4,0	3,2,0,0	0,2	320
Sulfate (SO ₄)	0,0,9,4,5	1,5,0,0	0,2	150
Color	0,0,0,8,0			
Coliform, membrane filter	3,1,5,0,1			
Coliform, fecal	3,1,6,1,6			
Strep-tococci	3,1,6,7,9			
BOD	0,0,3,1,0			

Type 2 Station identification number 294302095234301
 Y 76 M 09 D 23 Time of measurement -
 17 Begin 22 29 32
 Depth 72008 Parameter code 72008 Value - Exp. - Rmk -
 Yield (GPM) 00059 Parameter code 00059 Value - Exp. - Rmk -
 Sample interval TOP 72015 Parameter code 72015 Value 7,0,5,0 Exp. 0,3 Rmk -
 Sample interval BOTTOM 72016 Parameter code 72016 Value 1,9,4,0 Exp. 0,4 Rmk -
 Water level 72010 Parameter code 72010 Value - Exp. - Rmk -

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 6 out of 6
 State ID: 65-21-327



- 241 -

WATER UTILITY DATABASE (WUD)

MAP ID# 264 Distance from Property: 3.87 mi. SW

PWSID: 1010013
SOURCE ID: G1010013HX
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED:
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'
GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.395278930
LATITUDE: 29.717500690
OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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WATER UTILITY DATABASE (WUD)

MAP ID# 264 Distance from Property: 3.86 mi. SW

PWSID: 1010013
SOURCE ID: G1010013HY
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 04/00/1965
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.395278930
LATITUDE: 29.717777250

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 264 Distance from Property: 3.86 mi. SW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294302095234301**

STATION NAME: **LJ-65-21-327**

SITE TYPE: **GW**

LATITUDE: **29.717992000** LONGITUDE: **-95.395476000**

DATE DRILLED: **196504**

WELL DEPTH: **1955 feet**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 264 Distance from Property: 3.86 mi. SW

WELL ID: 1112
OWNERS NAME: HOUSTON, CITY OF
YEAR DRILLED: 1965
DEPTH DRILLED: 1955'
STATIC LEVEL: 705'
WATER USAGE: PUBLIC SUPPLY
WELL STATUS: PLUGGED
LONGITUDE: -95.395476000
LATITUDE: 29.717992000
SOURCE: HGSD



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 265 Distance from Property: 3.86 mi. W

WELL ID: 12419
OWNERS NAME: KLAES, DANIEL
YEAR DRILLED: 201
DEPTH DRILLED: 65'
STATIC LEVEL: 55'
WATER USAGE:
WELL STATUS: PLUGGED
LONGITUDE: -95.417328000
LATITUDE: 29.753661000
SOURCE: HGSD



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 266 Distance from Property: 3.89 mi. W

ID NUMBER: TX206116
STATE ID : 65-13-8
OWNER NAME: TYNES SPARKS BLDING CORP
DATE DRILLED: 02/12/1991
DEPTH DRILLED: 514'
STATIC LEVEL: 255'
WATER USAGE: IRRIGATION
LONGITUDE: -95.418112000
LATITUDE: 29.757043000
3 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 3
Water Well ID: 206116



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 3

Water Well ID: 206116

STATE OF TEXAS WATER WELL REPORT (PAGE 2)

OWNER: TYNES SPARKS BLDING CORP. ADDRESS: 13 HADDON STREET CITY: HOUSTON STATE: TX ZIP: 77006-

361 383 SAND-TAN-FINE
383 415 SHALE
415 420 SAND-TAN-FINE
420 422 CLAY-RED
422 428 SAND-TAN-FINE
428 434 CLAY-RED
434 443 SAND-TAN-FINE
443 494 SHALE
494 514 SAND-TAN-.010-.012

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CWB

Love



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 3 out of 3

Water Well ID: 206116

STATE OF TEXAS WATER WELL REPORT

1) OWNER: TYNES SPARKS BLDG CORP. ADDRESS: .505 HADDON STREET CITY: HOUSTON STATE: TX ZIP: 77006-
 2) LOCATION OF WELL: County: HARRIS miles in W direction from HOUSTON

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00414 DIAMETER OF HOLE 7) BOREHOLE METHOD:
 DIAMETER FROM TO TWD STRING/K-PACKER
 8.0 0 493 IF GRAVEL... FROM FT. TO FT.
 4.75 493 514 FROM FT. TO FT.
 DATE DRILLED: 02/12/91

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:
 DIA NEW/USED DESCRIPTION FROM TO GAGE CASING SCREEN
 5.0 N P.V.C. S.D.R.17 0 493 CASING
 3.0 N P.V.C. SCH.80 483 493 LINER
 3.0 N STAINLESS - ROD BASE 493 514 .012

GEOLOGICAL DESCRIPTION:
 FROM TO DESCRIPTION
 0 4 SOIL
 4 30 SAND-TAN-FINE
 30 46 CLAY-RED
 46 59 SAND-TAN-FINE
 59 122 CLAY-RED
 122 138 SAND-TAN-FINE
 138 210 CLAY-RED
 210 218 SAND-TAN-FINE
 218 244 CLAY-RED
 244 256 SAND-TAN-FINE
 256 275 SAND-TAN-FINE
 275 344 CLAY / SAND STREAKS
 344 352 SAND-TAN-FINE
 352 359 GRAVEL
 359 361 ROCK

RECEIVED
 MAY 21 1992
 TEXAS WATER WELL
 DRILLERS BOARD

9) CEMENTING DATA:
 Cemented from 0 FT. TO 493 FT.
 FT. TO FT.
 Method used: PRESSURE-HALIBURTON
 Cemented by: ANWS

10) SURFACE COMPLETION:
 APP. ALTER. PROCD.
 11) WATER LEVEL:
 STATIC LEVEL : 255 FT. DATE: 02/15/91
 ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

13) TYPE PUMP: SUBMERSIBLE DEPTH TO PUMP: 336
 14) WELL TEST: JETTED YIELD: 70 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY: TYPE OF WATER: GOOD DEPTH OF STRATA: 514 NO CHEMICAL ANALYSIS MADE
 NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843 : FOR TDWR USE ONLY
 ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578 : WELL NO. _____
 : LOCATED ON MAP 65.13.8

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Ally G. [Signature] (signed) _____
 (LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)

chB

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 267 Distance from Property: 3.89 mi. W

ID NUMBER: TX206117
STATE ID : 65-13-8
OWNER NAME: T & C CONSTRUCTION
DATE DRILLED: 08/08/1995
DEPTH DRILLED: 70'
STATIC LEVEL: 40'
WATER USAGE: DE-WATERING
LONGITUDE: -95.418147000
LATITUDE: 29.763608000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 206117

Send original copy by certified mail to: TNRCC, P.O. Box _____, Austin, TX 78711-3087

Please use black ink. 492 L

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side		State of Texas WELL REPORT		Texas Water Well Drillers Advisory Council P.O. Box 13087 Austin, TX 78711-3087 512-239-0530																																					
1) OWNER <u>T & C Construction</u> (Name) ADDRESS _____ (Street or RFD) (City) (State) (Zip)		2) ADDRESS OF WELL: County <u>HARRIS</u> <u>204 Asbury Houston TX</u> (Street, RFD or other) (City) (State) (Zip) GRID # <u>65-13-8</u>		3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging																																					
6) WELL LOG: Date Drilling: _____ Started <u>8-5-95</u> Completed <u>8-8-95</u>		4) PROPOSED USE (Check): <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input checked="" type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No		5) _____																																					
DIAMETER OF HOLE <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">Dia. (in.)</th> <th style="width: 20%;">From (ft.)</th> <th style="width: 20%;">To (ft.)</th> </tr> <tr> <td style="text-align: center;">8 3/4</td> <td style="text-align: center;">Surface</td> <td style="text-align: center;">70</td> </tr> </table>		Dia. (in.)	From (ft.)	To (ft.)	8 3/4	Surface	70	7) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____		8) Borehole Completion (Check): <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input checked="" type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give interval ... from <u>15</u> ft. to <u>70</u> ft.																															
Dia. (in.)	From (ft.)	To (ft.)																																							
8 3/4	Surface	70																																							
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">From (ft.)</th> <th style="width: 15%;">To (ft.)</th> <th style="width: 70%;">Description and color of formation material</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">18</td> <td style="text-align: center;">CLAY</td> </tr> <tr> <td style="text-align: center;">18</td> <td style="text-align: center;">41</td> <td style="text-align: center;">SAND</td> </tr> <tr> <td style="text-align: center;">41</td> <td style="text-align: center;">43</td> <td style="text-align: center;">CLAY</td> </tr> <tr> <td style="text-align: center;">43</td> <td style="text-align: center;">57</td> <td style="text-align: center;">SAND</td> </tr> <tr> <td style="text-align: center;">57</td> <td style="text-align: center;">70</td> <td style="text-align: center;">CLAY</td> </tr> </tbody> </table>		From (ft.)	To (ft.)	Description and color of formation material	0	18	CLAY	18	41	SAND	41	43	CLAY	43	57	SAND	57	70	CLAY	CASING, BLANK PIPE, AND WELL SCREEN DATA: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="width: 10%;">Dia. (in.)</th> <th rowspan="2" style="width: 10%;">New or Used</th> <th rowspan="2" style="width: 30%;">Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial</th> <th colspan="2" style="width: 20%;">Setting (ft.)</th> <th rowspan="2" style="width: 10%;">Gage Casting Screen</th> </tr> <tr> <th style="width: 10%;">From</th> <th style="width: 10%;">To</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">N</td> <td style="text-align: center;">PVC</td> <td style="text-align: center;">0</td> <td style="text-align: center;">2.5</td> <td></td> </tr> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">N</td> <td style="text-align: center;">PVC SCREEN</td> <td style="text-align: center;">2.5</td> <td style="text-align: center;">6.5</td> <td style="text-align: center;">.020</td> </tr> </tbody> </table>		Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casting Screen	From	To	4	N	PVC	0	2.5		4	N	PVC SCREEN	2.5	6.5	.020
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			From	To																																					
4	N	PVC	0	2.5																																					
4	N	PVC SCREEN	2.5	6.5	.020																																				
13) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowls, cylinder, jet, etc., _____ ft.		9) CEMENTING DATA [Rule 338.44(1)] Cemented from <u>0</u> ft. to <u>15</u> ft. No. of sacks used <u>7</u> _____ ft. to _____ ft. No. of sacks used _____ Method used <u>TRIMME</u> Cemented by <u>BUSSELL & SON INC.</u> Distance to septic system field lines or other concentrated contamination _____ ft. Method of verification of above distance _____		10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Slab Installed [Rule 338.44(2)(A)] <input type="checkbox"/> Specified Steel Sleeve Installed [Rule 338.44(3)(A)] <input type="checkbox"/> Pitless Adapter Used [Rule 338.44(3)(b)] <input type="checkbox"/> Approved Alternative Procedure Used [Rule 338.71]																																					
14) WELL TESTS: Type test: <input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Jetted <input checked="" type="checkbox"/> Estimated Yield: <u>7</u> gpm with _____ ft. drawdown after _____ hrs.		11) WATER LEVEL: Static level <u>40</u> ft. below land surface Date <u>8-8-95</u> Artesian flow _____ gpm. Date _____		12) PACKERS: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Type</th> <th style="width: 40%;">Depth</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>		Type	Depth																																		
Type	Depth																																								
15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		RECEIVED AUG 29 1995 TEXAS NATURAL RESOURCE CONSERVATION COMMISSION																																							
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.																																									
COMPANY NAME <u>BUSSELL & SON INC</u> (Type or print) WELL DRILLER'S LICENSE NO. <u>2035</u>		ADDRESS <u>P O Box 874</u> (Street or RFD) <u>Tomball</u> (City) <u>TX</u> (State) <u>77377-0874</u> (Zip)																																							
(Signed) <u>Craig Busnell</u> (Licensed Well Driller)		(Signed) _____ (Registered Driller Trainee)																																							
Please attach electric log, chemical analysis, and other pertinent information, if available.																																									

TNRCC-0199 (Rev. 11-01-94)

TNRCC COPY



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 268 Distance from Property: 3.89 mi. SW

STATE ID: 65-21-329

OWNER'S NAME: RICE UNIVERSITY

DATE DRILLED: 07/16/1969

DEPTH DRILLED: 1650'

WATER USAGE: PUBLIC SUPPLY

LONGITUDE: -95.399348000

LATITUDE: 29.720399000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521329/6521329.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 7
State ID: 65-21-329

Send original copy by certified mail to the Texas Water Development Board, P. O. Box 12386, Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TWDB use only
Well No. 65-21-329
Located on map
Received:

1) OWNER:
Person having well drilled Rice University, 9 Mr. James Perkins South Main St Houston Texas
(Name) (Street or RFD) (City) (State)
Landowner _____ Address _____ (City) (State)

2) LOCATION OF WELL:
County HARRIS miles in _____ direction from _____ (Town)
(N., E., S.W., etc.)
Locate by sketch map showing landmarks, roads, creeks, highway number, etc.*
or Give legal location with distances and directions from adjacent sections or survey lines.
Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

See attached map with well on 60-61-9E
(Use reverse side if necessary)

3) TYPE OF WORK (Check):
New Well _____ Deepening _____
Reconditioning _____ Plugging _____

4) PROPOSED USE (Check):
Domestic _____ Industrial _____ Municipal _____
Irrigation _____ Test Well _____ Other _____

5) TYPE OF WELL (Check):
Rotary _____ Driven _____ Dug _____
Cable _____ Jetted _____ Bored _____

6) WELL LOG:
Diameter of hole _____ in. Depth drilled _____ ft. Depth of completed well _____ ft. Date drilled _____
All measurements made from _____ ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	9) Casing: Type: Old _____ New _____ Steel _____ Plastic _____ Other _____ Cemented from _____ ft. to _____ ft. Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Gage _____
<i>See Completion Report</i>			

10) SCREEN:
Type _____
Perforated _____ Slotted _____
Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Slot Size _____

7) COMPLETION (Check):
Straight wall _____ Gravel packed _____ Other _____
Under reamed _____ Open Hole _____

8) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes _____ No _____ If yes, by whom? _____
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes _____ No _____
Did any strata contain undesirable water? Yes _____ No _____
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Walter H. Claypool Water Well Drillers Registration No. 927
(Type or Print)
ADDRESS P.O. Box 9468 Houston Texas
(Street or RFD) (City) (State)
(Signed) Walter H. Claypool (Water Well Driller) Company Name

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

65-21-329
Q-1471
SM



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

LAYNE OIL & GAS COMPANY HOUSTON DALLAS WELL LOG		REPORTING NO. 8180 S. O. 06-69 PAGE of 2 FILE NO. 3372 DATE 7/24/69
CUSTOMER LOCATION FOR Rice University LOCATION WELL South Main Street, Houston SURVEY FIELD COUNTY Harris STATE Texas OTHER LAND MARKS Power Plant area		WELL DATA NAME WELL WELL NO. 1 ELEVATION DAYUM RT C SR TEST HOLE SIZE 9-7/8" TO 1650' DATE STARTED DRILLING 7-14-69 DATE FINISHED DRILLING 7-16-69 DRILLER L. Luthrings No. 4 TYPE MUD Gel NO. BAGS 29 ELECTRIC LOG Yes TYPE Schlumberger SURVEY Eastman TYPE Single-shot OTHER C. Brewer, G.R. McFarland

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES		
			DEPTH	TYPE	NUMBER
0		Surface			
3	3	Top soil			
53	53	Clay			
103	50	Rocky shale			
140	37	Shale & sandy shale			
180	40	Shale			
214	34	Shale & sandy shale			
258	43	Shale			
278	20	Shale & sandy shale			
311	33	Shale			
316	5	Sand			
340	24	Sandy shale			
428	88	Sand & sandy shale			
450	22	Shale			
478	28	Sand & gravel			
553	77	Shale & sand breaks			
600	45	Hard shale			
637	37	Sand & shale breaks			
640	12	Shale			
692	43	Sandy shale			
703	11	Shale			
758	55	Sand & lime			
790	32	Shale & sandy shale			
811	21	Broken sandy shale			
838	27	Sand			
853	15	Shale			
903	52	Sand & sandy shale			
936	31	Shale			
951	15	Broken sandy shale			
967	16	Sandy shale			
999	32	Shale & sandy shale			
1016	17	Shale			
1044	28	Sand & shale			
1100	56	Shale			
1165	65	Sandy shale			
1173	10	Shale			
1193	20	Shale & sand breaks			

Outcrop
65-21-329
 65-21-329

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 4 out of 7
State ID: 65-21-329

EN NO. 22

LAYNE TEXAS COMPANY
HOUSTON DALLAS
WELL LOG

REPORT NO. 81801
S. O. 2-69
PAGE 2
FILE NO. 9372
DATE 7/24/69

CUSTOMER LOCATION FOR: Rice University Location Well: South Main St., Houston SURVEY FIELD COUNTY: Harris STATE: Texas OTHER LAND MARKS: Power Plant area		WELL DATA NAME WELL: WELL NO.: 1 ELEVATION DATUM TEST HOLE SIZE: 9-7/8" TO 1650' DATE STARTED DRILLING: 7-14-69 DATE FINISHED DRILLING: 7-16-69 DRILLER: Luthringer RIG NO.: 4 TYPE MUD: Gel NO. SACKS: 29 ELECTRIC LOG: Yes TYPE: Schlumberger SURVEY: Eastman TYPE: Single-shot OTHER: Brewer, McFarland	
---	--	---	--

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES		
			DEPTH	TYPE	NUMBER
1195					
1270	75	Shale			
1312	42	Sand			
1345	33	Shale			
1371	26	Sand & sandy shale			
1376	5	Shale			
1428	52	Hard sandy shale			
1563	135	Broken sandy shale			
1615	52	Sand (broken)			
1650	35	Shale & sandy shale			
Total depth 1650 ft.					

65-21-329

65-21-329

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 5 out of 7
State ID: 65-21-329

FORM NO. 1202-1M - 8-81 - B&L

THE LAYNE TEXAS COMPANY, LTD.
HOUSTON -:- DALLAS

REPORT NO. 8182
S. O. 2606-69
PAGE 1 OF 1
FILE NO. 3372
DATE 9/2/69

MATERIAL SETTING

CUSTOMER LOCATION		WELL DATA	
FOR	Rice University	NAME WELL	WELL NO. 1
LOCATION WELL	Houston	ELEVATION	DATUM
SURVEY	FIELD	TYPE WELL	Gravel-wall
COUNTY	Harris STATE Texas	SURFACE CASING CEMENTED	Yes NO. SACKS
OTHER LAND MARKS	Power Plant area	SIZE HOLE UNDERREAMED	30" DEPTH 1334-1650'
		GRAVEL TYPE	112,113, NO. CU. YDS. 98
		TYPE SCREEN	S.S. W.W. rib- GAGE .045"
		DRILLER	Luthringer RIG No. 4
		OTHER	C. Brewer & J.B. Williams

DEPTH	LENGTH	SIZE, KIND, WEIGHT MATERIAL	SKETCH
+2'		18" O.D. 70.59# surface casing	
0		Surface	
40'	40'	24" O.D. conductor pipe	
1229.26'		Top of 12-3/4" O.D. liner	
1334'	1336'	18" O.D. 70.59# surface casing	
1339.53'	110'	12-3/4" O.D. blank liner 43.77#	
1434.63'	95.10'	12-3/4" O.D. S.S. W.W. ribbed screen .045" ga.	
1454.63'	20.00'	12-3/4" O.D. blank pipe 43.77#	
1519.69'	65.06'	12-3/4" O.D. S.S. W.W. ribbed screen .045" ga.	
1529.81'	10.06'	12-3/4" O.D. blank pipe 43.77#	
1549.81'	20.00'	12-3/4" O.D. S.S. W.W. ribbed screen .045" ga.	
1569.85'	20.04'	12-3/4" O.D. blank pipe 43.77#	
1629.88'	60.03'	12-3/4" O.D. S.S. W.W. ribbed screen .045" ga.	
1648.00'	18.12'	12-3/4" O.D. blank pipe 43.77#	
1650.00'	2.00'	12-3/4" O.D. back pressure valve & set nipple	
Total depth 1650 ft.			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 6 out of 7
State ID: 65-21-329

EDNA WOOD LABOF

WATER TECHNOLOGISTS . . . CHEMISTS . . . MICROBIOLOGISTS

25 August 1969

To: **Layne Texas Company**
Houston, Texas

SO 2606-69

Sample marked: **Rice University (Houston, Harris Cty, Texas) - taken 8-20-69.**
Screened: **1340 - 1630'.**

Received: **8-20-69**

WATER ANALYSIS
results in parts per million (mg/l) except as noted

Dissolved Residue at 350°C		311	Conductance, micromhos/cm, 25°C	593
Total Dissolved Solids, actual†		432	Color, units	2
Total Dissolved Solids, calc.		465	Turbidity, units	1
Silica	SiO ₂	14	As Calcium Carbonate, CaCO ₃ :	
Calcium	Ca	13	Phenolphthalein Alkalinity	0
Magnesium	Mg	4	Total Alkalinity	228
Sodium (diff.) Na + K as	Na	111	Total Hardness	48
Carbonate	CO ₃	0	Free Carbon Dioxide	CO ₂ align="right"> 3
Bicarbonate	HCO ₃	278	pH . . . 8.12	
Sulfate	SO ₄	7	HYPOTHETICAL COMBINATIONS	
Chloride	Cl	38	Calcium Bicarbonate	53
Total Iron	Fe	0.15	Magnesium Bicarbonate	23
			Sodium Bicarbonate	302
			Sodium Sulfate	11
			Sodium Chloride	62
			Silica	14
			Total Dissolved Solids, calc.	465

†Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO₃) ion

A-1888
1b

65-21-329 EDNA WOOD LABORATORIES
By: *Edna Wood*
Edna Wood
65-29-329

Tel: (713) 747-7271 P. O. BOX 14171 4820 OLD SPANISH TRAIL HOUSTON, TEXAS 77021



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 7 out of 7
State ID: 65-21-329

LAYNE TEXAS COMPANY,
HOUSTON -:- DALLAS
WATER WELL TEST

REPORT NO. 8181
S. O. 2606-69
PAGE 1 of 1
FILE NO. 3372
DATE 9/2/69

CUSTOMER LOCATION TEST FOR Rice University LOCATION OF WELL Houston SURVEY FIELD COUNTY Harris STATE Texas DESCRIPTION OF LAND MARKS N.E. corner of Boiler House				WELL DATA NAME WELL WELL NO. 1 ELEVATION DATUM WELL SIZE 18" x 12-3/4" x 30" UR TOTAL DEPTH 1650' TOP SCREEN 1339.53' GRAVEL WELL Yes STRAIGHT WELL TYPE SCREEN S.S. W.W. GAGE .045" ribbed TEMPERATURE OF WATER WATER CONDITION Clear				
WATER MEASURING DEVICE ORIFICE SIZE 10" x 8" LENGTH 4' OTHER				TEST PUMP DATA DEPTH SETTING TOP OF BOWL 520' LENGTH AIR LINE 520' SIZE 1/4" TYPE BOWL THG 14" NO. STAGES 6 LENGTH BOWL 8.90' SUCTION LT.				
SAND CONTENT ACTIVE STATIC HEAD AFTER PUMP STOPPED 5 MIN. 400 FT. 20 MIN. 360 FT. 10 MIN. 363 FT. 25 MIN. 360 FT. 15 MIN. 362 FT. 30 MIN. 360 FT. S.L. before start of test 356 ft.		OZ. PER 100 GAL. WATER SAMPLE TAKEN Yes NO. SAMPLES 2 BACTERIOLOGICAL SAMPLE TAKEN NO DRAWDOWN SPECIFIC CAPACITY						
DATE HOUR	AIR LINE GAGE	PUMPING LEVEL	DISCH. PRESS.	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
8/19/69	- Started	12 hr. test	at 7:45	A.M.			L.S.L.	
8:45 AM	87	433		25	1557			
9:45	87	433		25	1557			
10:45	87	433		25	1557			
11:45	87	433		25	1557			
12:45 PM	87	433		24	1529			
1:45	87	433		24	1529			
2:45	87	433		24	1529			
3:45	87	433		24	1529			
4:45	87	433		24	1529			
5:45	87	433		24	1529			
6:45	87	433		24	1529			
7:45	87	433		24	1529			

*Last taken
65-21-329*

OBSERVERS
J. P. Berling
FOR OWNER

L. S. Luthringer 65-21-329
FOR LAYNE TEXAS CO.



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 268 Distance from Property: 3.89 mi. SW

STATE ID: 65-21-324
OWNER'S NAME: RICE UNIVERSITY
DATE DRILLED: 00/00/1910
DEPTH DRILLED: 910'
WATER USAGE: PLUGGED OR DESTROYED
LONGITUDE: -95.399347000
LATITUDE: 29.720398000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521324/6521324.pdf>



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WATER UTILITY DATABASE (WUD)

MAP ID# 268 Distance from Property: 3.89 mi. SW

PWSID: 1010908
SOURCE ID: G1010908A
UTILITY NAME: RICE UNIVERSITY
DATE DRILLED: 09/02/1969
SCREEN BOTTOM: 1,629.88'
SCREEN TOP: 1,339.53'

GALLONS
PER MINUTE: 220
WELL STATUS: ACTIVE
WATER USAGE: ACTIVE - PERMANENT
CCN: NOT APPLICABLE
LONGITUDE: -95.400020000
LATITUDE: 29.721160000

OWNER'S NAME: RICE UNIVERSITY
ADDRESS: PO BOX 1892
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1892



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 268 Distance from Property: 3.89 mi. SW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294316095240001**

STATION NAME: **LJ-65-21-329**

SITE TYPE: **GW**

LATITUDE: **29.720398000** LONGITUDE: **-95.399347000**

DATE DRILLED: **NOT REPORTED**

WELL DEPTH: **1650 feet**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 268 Distance from Property: 3.89 mi. SW

WELL ID: 2256
OWNERS NAME: RICE UNIVERSITY, WILLIAM MARSH
YEAR DRILLED: 1969
DEPTH DRILLED: 1650'
STATIC LEVEL: 999'
WATER USAGE: OTHER
WELL STATUS: ACTIVE
LONGITUDE: -95.399348000
LATITUDE: 29.720399000
SOURCE: HGSD



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 269 Distance from Property: 3.90 mi. SE

ID NUMBER: TX205419
STATE ID : 65-22-5
OWNER NAME: ENRIQUE HERNANDEZ
DATE DRILLED: 02/08/2002
DEPTH DRILLED: 120'
STATIC LEVEL: 68'
WATER USAGE: IRRIGATION
LONGITUDE: -95.319664000
LATITUDE: 29.711581000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205419

ATTENTION OWNER: Confidentiality STATE OF TEXAS
Privilege Notice on Reverse Side WATER WELL REPORT

1) OWNER: **HERNANDEZ, ENRIQUE** ADDRESS: 3014 CARROLTON CITY: HOUSTON STATE: TX ZIP: -

2) ADDRESS OF WELL:
County: **HARRIS** GRID # **65-22-5**
Street or RFD: **29.42.70 N 95.19.17 W**
City, State, Zip code: **TX -**

3) TYPE OF WORK: **NEW WELL** 4) PROPOSED USE: **IRRIGATION**
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 02262	DIAMETER OF HOLE	7) DRILLING METHOD:	8) BOREHOLE COMPLETION:
DATE DRILLING:	DIAMETER FROM TO		
STARTED: 02/07/02	7.000 0 120'	MUD ROTARY	STRAIGHT WALL
COMPLETED: 02/08/02			IF GRAVEL... FROM FT. TO FT.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING	SCREEN
4	N	P.V.C. SCH.40	0	110'		CASING	
4	N	P.V.C. - SLOTTED	110'	120'		.006	

9) CEMENTING DATA:

Cemented from	No. of Sacks Used
0 FT. TO 20 FT.	30
FT. TO FT.	

Method used: **POURED**
Cemented by: **AWWS**
Distance to septic field lines: _____ ft.
Method of verification of above distance: _____

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 68' FT. DATE: 02/08/02
ARTESIAN FLOW: _____ GPM. DATE: _____

12) PACKERS: TYPE DEPTH
BURLAP 100'
BURLAP 110'

13) TYPE PUMP: **SUBMERSIBLE** 14) WELL TEST: **JETTED**
DEPTH TO PUMP: 94' YIELD: 30 GPM WITH FT DRAWDOWN AFTER HRS

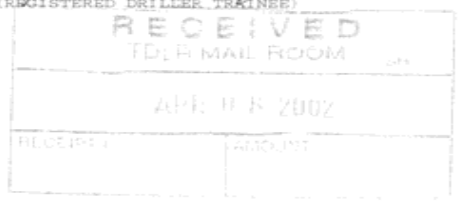
15) WATER QUALITY:
TYPE OF WATER: **IRON** DEPTH OF STRATA: 120' NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: **ALMEDA WATER WELL SERVICE** WATER WELL DRILLER'S LICENSE NO.: **843,2843,2350** FOR TWC USE ONLY
ADDRESS: **P.O. BOX 266** CITY: **MANVEL** STATE: **TX** ZIP CODE: **77578** WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) *Miguel Rivera*
(LICENSED WATER WELL DRILLER)

(signed) *Yorzab Cortez*
(REGISTERED DRILLER TRAINEE)



WATER UTILITY DATABASE (WUD)

MAP ID# 270 Distance from Property: 3.91 mi. SW

PWSID: 1010013
SOURCE ID: G1010013HV
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 08/16/1944
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.395278930
LATITUDE: 29.716667180

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 270 Distance from Property: 3.91 mi. SW

STATE ID: 65-21-301
OWNER'S NAME: CITY OF HOUSTON SOUTH END #7
DATE DRILLED: 00/00/1944
DEPTH DRILLED: 1750'
WATER USAGE: UNUSED
LONGITUDE: -95.395496000
LATITUDE: 29.716897000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521301/6521301.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
State ID: 65-21-301

WRD Exp. (GW)
April 1966

Well No. WJ-65-21-301

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD

Record by (T. BROWN) W.L. NAPTEL Source of data FILES Date 2-21-68 Map Bellgire 1955
 State TEXAS COUNTY Harris Sequential number: 1
 Latitude: 29° 43' 01" N Longitude: 095° 23' 43" W
 Local well number: WJ-65-21-301 Other number: SOUTH END 7
 Local use: _____ Owner of name: CITY OF HOUSTON
 Owner or name: CITY OF HOUSTON Address: _____
 Ownership: County, Fed Gov., City, Corp or Co, Private, State Agency, Water Dist M
 Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Mfg, Ind, P S, Rec, Stock, Instit, Unaug, Recharge, Desal-F S, Desal-other, Other abd. 1965 U
 Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unaug, Withdraw, Waste, Destroyed U plugged
 DATA AVAILABLE: Well data 1 Freq. W/L meas.: SEMIOCCASIONAL 5 Field aquifer char. _____
 Hyd. lab. data: _____
 Qual. water data: type: _____
 Freq. sampling: 3-4-47 4 to 1964 Pumpage inventory: yes _____ no: _____ period: _____
 Aperture cards: _____ yes _____
 Log data: E-LOG AA-22 TO 2501' D-LOG E:D

WELL-DESCRIPTION CARD

Completed to 1932 Plugged back to 1950.

SAME AS ON MASTER CARD Depth well: 1750 ft. Meas. Driller 3
 Depth cased; 1365 ft. Casing type: S : Dim. 24-12 1/2 in. 2:4
 Finish: porous concrete, gravel w. screen, horis. open perf., screen, sd. pt., shored, open hole, other G
 Method Drilled: air bored, cable, dug, hyd jetted, air percussion, rotary, reverse trenching, driven, drive wash, other H
 Date Drilled: 4-22-44 5:4:4 Pump intake setting: _____ ft. _____
 Driller: LAYNE-TEXAS Co HOUSTON, TEXAS
 Life (type): air, bucket, cent, jet, multiple, multiple, nose, piston, rot, submerg, turb, other T Deep D Shallow
 Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. None None Trans. of meter no. _____
 Descrip. MP _____ ft above LSD. Alt. MP _____
 Alt. LSD: 49 49 Accuracy: 5' TOPO 3
 Water Level 145 ft above MP; Ft. below LSD 145 Accuracy: REPT D
 Date mean: 4-22-44 4:4:4 Yield: 2253 gpm 2:2:5:3 Method determined 4
 Drawdown: 110 ft Accuracy: REPT 3 Pumping period 96 hrs 96
 QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____
 Sp. Conduct _____ K x 10⁶ _____ Temp. _____ °F _____
 Taste, color, etc. _____

Well No. WJ-65-21-301

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 2
State ID: 65-21-301

Well No. LJ-65-21-301

Latitude-longitude 29.43.01 95.23.43

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: COASTAL PLAINS Section: 03

Drainage Basin: F Subbasin: 51R

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series T aquifer, formation, group E

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: 234 ft Depth to top of: 234 ft

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: _____

Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

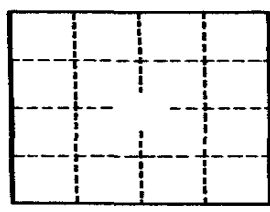
Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ spd/ft _____ Coefficient Storage: _____

Coefficient Perm: _____ spd/ft²; Spec cap: _____ spd/ft; Number of geologic cards: _____

SCREENS:
1365⁶⁰-1425
1440²⁰-1460
1480³⁰-1510
1545²⁵-1580
1536²⁰-1645
1635²⁰-1735
1882-1932*
BOTTOM 1932

C39
0-630 = 24"
499-1750 = 123 3/4"



* LAYNE-TEXAS MATERIAL SETTING SHEET SAID THIS WELL WAS PLUGGED BACK TO 1750(?) SEE SHEET IN FILES

Well No. LJ-65-21-301

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 271 Distance from Property: 3.92 mi. SSE

STATE ID: 65-22-505
OWNER'S NAME: HOUSTON BELT & TERMIN- AL RAILROAD
DATE DRILLED: 07/00/1924
DEPTH DRILLED: 832'
WATER USAGE: UNUSED
LONGITUDE: -95.329100000
LATITUDE: 29.707170000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522505/6522505.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-22-505

Texas Water Development Board Well Schedule

State Well Number 6522505 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294225 Longitude 951944 Source of Coords 2

Owner's Well No. _____ Location _____

Owner
Houston Belt & Terminal Railroad

Driller
McMasters & Pomeroy

Address _____ Tenant/Oper. _____

Date Drilled 07/ /1924 Depth 832 Source of Depth L Altitude 43 Source of Alt. M

Well Type W User

WELL CONSTRUCTION Const-Method Casing Material Screen Material Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____

Completion

LIFT DATA - Pump Mfr. - _____ Type - NONE No. Stages C 8 0 777
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in. S 6 777 812
Motor Mfr. - _____ Fuel or Power - _____ Horsepower - _____ C 6 812 832
YIELD Flow- _____ GPM Pump _____ GPM Meas., Rept., Est. - _____ Date- _____

WATER USE Primary - UNUSED Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - N Quality - N Logs - Other Data -

WATER LEVELS

Recorded By _____ Date Record Collected or Updated - / /

Reporting Agency 02

REMARKS -

Aquifer - 121EVGL ID - 15
EVANGELINE
AQUIFER

Friday, April 22, 2005

Well Number - 6522505



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 272 Distance from Property: 3.92 mi. WSW

ID NUMBER: TX207765
STATE ID : 65-12-3F
OWNER NAME: PRESTON VILLA APARTMENTS
DATE DRILLED: 07/21/1967
DEPTH DRILLED: 444'
STATIC LEVEL: 211'
WATER USAGE: COMMERCIAL
LONGITUDE: -95.414254000
LATITUDE: 29.739474000
2 PAGE(S) OF DRILLERS' LOGS



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CONTINUATION OF WELL LOG

FROM FT.	TO FT.	FORMATION
392	400	Shale
400	415	Sand
415	420	Shale, Sandy
420	444	Sand

RECEIVED
AUG 11 1967

RECEIVED
AUG 18 1967
Central Records

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 207765

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711	State of Texas WATER WELL REPORT	For TWDB use only Well No. <u>65-21-3F</u> Located on map <u>423</u> Received: <u>6/21</u> Form GW 8-67 Form GW 9-																																																						
1) OWNER: Person having well drilled <u>Preston Villa Apartments</u> Address <u>2306 W. Alabama, Houston, Tex.</u> <small>(Name) (Street or RFD) (City) (State)</small> Landowner <u>SAME</u> Address _____ <small>(Name) (Street or RFD) (City) (State)</small>																																																								
2) LOCATION OF WELL: County <u>Harris</u> Labor _____ League _____ Abstract No. _____ NW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section _____ Block No. _____ Survey _____ <small>(Circle as many as are opened)</small> miles in _____ direction from _____ <small>(N, S, E, W, etc.) (Town)</small> <p style="text-align: center;">LOCATION OF WELL: 2306 West Alabama, Houston, Texas</p> <p style="text-align: center; font-size: small;">Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.</p>																																																								
3) TYPE OF WORK (Check): New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging <input type="checkbox"/>																																																								
4) PROPOSED USE (Check): Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Municipal <input type="checkbox"/> Commercial Irrigation <input type="checkbox"/> Rest Well <input type="checkbox"/> Other <input type="checkbox"/>																																																								
5) TYPE OF WELL (Check): Rotary <input checked="" type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Cable <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/>																																																								
6) WELL LOG: Diameter of hole <u>4"</u> in. Depth drilled <u>444</u> ft. Depth of completed well: <u>444</u> ft. Date drilled <u>7/21/67</u> All measurements made from <u>0</u> ft. above ground level.																																																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>From (ft.)</th> <th>To (ft.)</th> <th>Description and color of formation material</th> <th>From (ft.)</th> <th>To (ft.)</th> <th>Description and color of formation material</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>37</td> <td>Surface Red Clay</td> <td>226</td> <td>257</td> <td>Sand</td> </tr> <tr> <td>37</td> <td>72</td> <td>Sand, Broken</td> <td>257</td> <td>305</td> <td>Shale</td> </tr> <tr> <td>72</td> <td>101</td> <td>Red & White Joint Clay</td> <td>305</td> <td>326</td> <td>Sand</td> </tr> <tr> <td>101</td> <td>120</td> <td>Sand, Shaly</td> <td>326</td> <td>345</td> <td>Shale, Sandy</td> </tr> <tr> <td>120</td> <td>192</td> <td>Red Clay</td> <td>345</td> <td>371</td> <td>Sand, Top Light Breakes</td> </tr> <tr> <td>192</td> <td>206</td> <td>Sand</td> <td>371</td> <td>376</td> <td>Shale</td> </tr> <tr> <td>206</td> <td>216</td> <td>Tough Clay</td> <td>376</td> <td>392</td> <td>Sand Continued on Reverse</td> </tr> <tr> <td>216</td> <td>226</td> <td>Sand, Shaly</td> <td colspan="3" style="text-align: right;"><small>(Use reverse side if necessary) side.</small></td> </tr> </tbody> </table>			From (ft.)	To (ft.)	Description and color of formation material	From (ft.)	To (ft.)	Description and color of formation material	0	37	Surface Red Clay	226	257	Sand	37	72	Sand, Broken	257	305	Shale	72	101	Red & White Joint Clay	305	326	Sand	101	120	Sand, Shaly	326	345	Shale, Sandy	120	192	Red Clay	345	371	Sand, Top Light Breakes	192	206	Sand	371	376	Shale	206	216	Tough Clay	376	392	Sand Continued on Reverse	216	226	Sand, Shaly	<small>(Use reverse side if necessary) side.</small>		
From (ft.)	To (ft.)	Description and color of formation material	From (ft.)	To (ft.)	Description and color of formation material																																																			
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216	226	Sand, Shaly	<small>(Use reverse side if necessary) side.</small>																																																					
7) COMPLETION (Check): Straight well <input checked="" type="checkbox"/> Gravel packed <input type="checkbox"/> Other <input type="checkbox"/> Under reamed <input type="checkbox"/> Open hole <input type="checkbox"/>																																																								
8) WATER LEVEL: Static level: <u>211</u> ft. below land surface Date <u>7/21/67</u> Artesian pressure _____ lbs. per square inch Date _____																																																								
9) CASING: Type: old <input type="checkbox"/> New <input checked="" type="checkbox"/> Steel <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Other <input type="checkbox"/> Cemented from <u>0</u> ft. to <u>402</u> ft.																																																								
10) SCREEN: Type <u>LOP Stainless</u> Perforated <input type="checkbox"/> Slotted <input type="checkbox"/>																																																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Diameter (inches)</th> <th colspan="2">Setting</th> <th rowspan="2">Gage</th> <th rowspan="2">Diameter (inches)</th> <th colspan="2">Setting</th> <th rowspan="2">Slot size</th> </tr> <tr> <th>From (ft.)</th> <th>To (ft.)</th> <th>From (ft.)</th> <th>To (ft.)</th> </tr> </thead> <tbody> <tr> <td>4"</td> <td>0</td> <td>402</td> <td>9$\frac{1}{2}$"#</td> <td>2$\frac{1}{2}$"</td> <td>404</td> <td>414</td> <td>.012</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>2$\frac{1}{2}$"</td> <td>424</td> <td>444</td> <td>.012</td> </tr> </tbody> </table>			Diameter (inches)	Setting		Gage	Diameter (inches)	Setting		Slot size	From (ft.)	To (ft.)	From (ft.)	To (ft.)	4"	0	402	9 $\frac{1}{2}$ "#	2 $\frac{1}{2}$ "	404	414	.012					2 $\frac{1}{2}$ "	424	444	.012																										
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4"	0	402	9 $\frac{1}{2}$ "#	2 $\frac{1}{2}$ "	404	414	.012																																																	
				2 $\frac{1}{2}$ "	424	444	.012																																																	
11) WELL TESTS: Was a pump test made? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes by whom? <u>With Air</u> Yield: _____ gpm with _____ ft. drawdown after _____ hrs Bailor test _____ gpm with _____ ft. drawdown after _____ hrs Artesian flow _____ gpm Date _____ Temperature of water _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Did any strata contain undesirable water? <input type="checkbox"/> Yes <input type="checkbox"/> No Type of water? _____ depth of strata _____																																																								
12) PUMP DATA: Manufacturer's Name <u>Jacuzzi Bros. Inc.</u> Type <u>Submersible</u> H.P. <u>5 HP</u> Designed pumping rate _____ gpm <input type="checkbox"/> gph <input type="checkbox"/> Type power unit <u>Electric</u> Depth to bowis, cylinder, jet, etc., <u>294'</u> ft. below land surface.																																																								
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. NAME <u>R. B. Lowry</u> Water Well Drillers Registration No. <u>146</u> Address <u>4012 Fulton Street</u> <u>Houston</u> <u>Texas</u> <small>(Street or RFD) (City) (State)</small> (Signed) <u>R. B. Lowry</u> <u>LOWRY WATER WELLS</u> <small>(Water Well Driller) (Company Name)</small>																																																								
Please attach electric log, chemical analysis, and other pertinent information, if available.																																																								

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 273 Distance from Property: 3.93 mi. W

STATE ID: **65-13-815**
OWNER'S NAME: **S. P. FARISH**
DATE DRILLED: **00/00/1938**
DEPTH DRILLED: **525'**
WATER USAGE: **DOMESTIC**
LONGITUDE: **-95.418390000**
LATITUDE: **29.753240000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513815/6513815.pdf>



www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 274 Distance from Property: 3.93 mi. SE

STATE ID: 65-22-201

OWNER'S NAME: CHRISTENSEN COURTS

DATE DRILLED: 00/00/1948

DEPTH DRILLED: 235'

WATER USAGE: PUBLIC SUPPLY

LONGITUDE: -95.314860000

LATITUDE: 29.713720000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522201/6522201.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-22-201

TEXAS WATER DEVELOPMENT BOARD WELL SCHEDULE

State Well Number - 65 22 201 Previous Well Number - County - Harris 201
 River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 42 47 Longitude - 95 18 54 Source of Coords - 2
 Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____
 Owner - Christensen Courts Driller - H L Jackson Co.

Address _____ Tenant/Oper. _____
 Date Drilled - / /1948 Depth - 235 ft. Source of Depth - D Altitude - 34 ft. Source of Alt. - M
 Aquifer - 112CHCTL CHICOT AQUIFER, LOWER Well Type - W User -
 WELL Const. Casing
 CONSTRUCTION Method - _____ Material - _____ | Casing or Blank Pipe (C)
 Completion - _____ Screen | Well Screen or Slotted Zone (
 Material - _____ | Open Hole (O)
 _____ | Cemented from _____ to _____
 LIFT DATA - Pump Mfr. _____ Type - TURBINE PUMP No. Stages _____ | Diam. Setting(feet)
 _____ | (in.) From To
 Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in. |
 Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - 10 | 1|
 YIELD Flow- _____ GPM Pump- _____ GPM Meas., Rept., Est- _____ Date- _____ | 2|
 _____ | 3|
 PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM | 4|
 _____ | 5|
 Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft | 6|
 _____ | 7|
 QUALITY (Remarks- _____ | 8|
 _____ | 9|
 WATER USE Primary- PUBLIC SUPPLY Secondary- _____ Tertiary- _____ | 10|
 _____ | 11|
 OTHER DATA AVAILABLE Water Levels- N Quality- N Logs- Other Data- | 12|
 _____ | 13|
 WATER LEVELS Date- / / Measurement- | 14|
 _____ | 15|
 Date- / / Measurement- | 16|
 _____ | 17|
 Recorded By _____ Date Record Collected or Updated- / / | 18|
 _____ | 19|
 Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
 REMARKS -

Aquifer - 112CHCTL
Well No. - 65 22 201



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 275 Distance from Property: 3.94 mi. S

ID NUMBER: TX182086
STATE ID : 65-22-4E
OWNER NAME: C. I. RUSS
DATE DRILLED: 03/21/1983
DEPTH DRILLED: 98'
STATIC LEVEL: 70'
WATER USAGE: DOMESTIC
LONGITUDE: -95.360807000
LATITUDE: 29.703289000

2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 182086

65-22-40E

Send original copy by certified mail to the Texas Department of Water Resources, P. O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER C. I. Russ Address 6717 Alameda Genoa Houston
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 4 1/2 miles in S direction from Houston
(Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map. map on 65-30-1CC

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Public Supply Irrigation Test Well Other _____

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored Air Rotary Cable Tool Jetted Other _____

6) WELL LOG:
Date drilled 3-21-83

From (ft.)	To (ft.)	Description and color of formation material	DIAMETER OF HOLE		
			Dis. (in.)	From (ft.)	To (ft.)
	3	Top Soil			
	15	Clay	4 1/2	Surface	198
	30	Sand			
	89	Clay			
	98	Sand			

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgt., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
2	N	PVC	0	88	80
2	N	Everflo	88	98	12

CEMENTING DATA
Cemented from _____ ft. to _____ ft.
Method used _____
Cemented by _____
(Company or Individual)

9) WATER LEVEL:
Static level 70 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

10) PACKERS: Type _____ Depth _____

11) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

12) WELL TESTS:
 Type Test Pump Bailor Jetted Estimated
Yield: 15 gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME O'Day Drilling Co., Inc. Water Well Driller's License No. 786
(Type or Print)

ADDRESS P. O. Box 162 Pearland Texas 77581
(Street or RFD) (City) (State) (Zip)

(Signed) O'Day (Signed) _____
(Licensed Water Well Driller) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

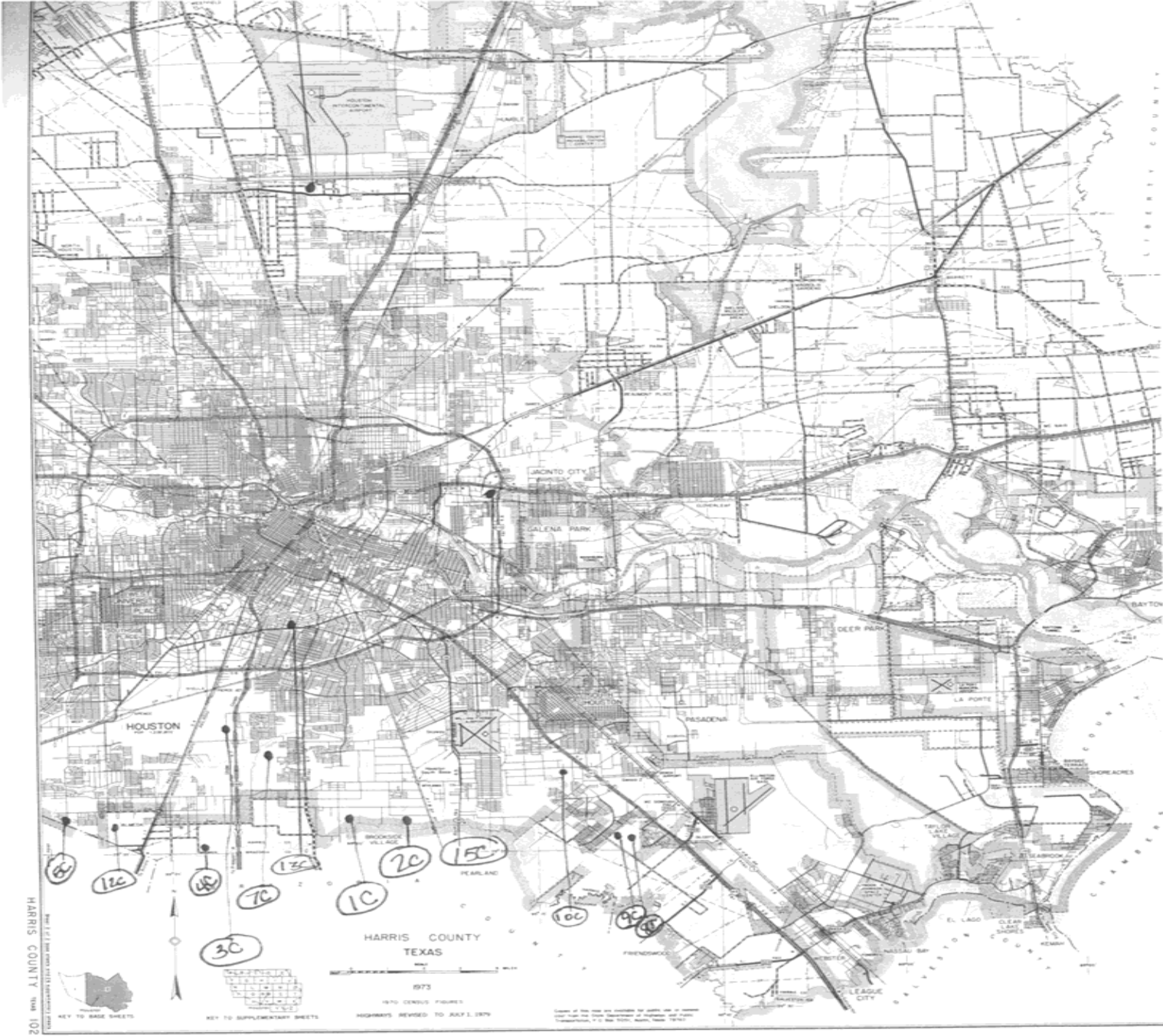
For TDWR use only
Well No. 65-22-45
Located on map YES C.E.S.

182086

TOWR-0392 (Rev. 5-27-82) DEPARTMENT OF WATER RESOURCES COPY

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 182086



65-30-100

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 276 Distance from Property: 3.95 mi. SE

WELL ID: **9968**
OWNERS NAME: **FOREST PARK LAWDALE**
YEAR DRILLED: **2005**
DEPTH DRILLED: **400'**
STATIC LEVEL: **380'**
WATER USAGE: **LAKE/POND/POOL**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.304751000**
LATITUDE: **29.721170000**
SOURCE: **HGSD**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 277 Distance from Property: 3.95 mi. W

WELL ID: **14265**
OWNERS NAME: **ARNOLD, MATT**
YEAR DRILLED: **Not Reported**
DEPTH DRILLED: **400'**
STATIC LEVEL: **380'**
WATER USAGE:
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.418918000**
LATITUDE: **29.754905000**
SOURCE: **HGSD**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 277 Distance from Property: 3.95 mi. W

WELL ID: **14595**
OWNERS NAME:
YEAR DRILLED: **Not Reported**
DEPTH DRILLED: **400'**
STATIC LEVEL: **380'**
WATER USAGE:
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.418918000**
LATITUDE: **29.754905000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 278 Distance from Property: 3.95 mi. NNW

STATE ID: **65-14-428**
OWNER'S NAME: **CITY OF HOUSTON LINDALE PARK**
DATE DRILLED: **02/11/1938**
DEPTH DRILLED: **856'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.364860000**
LATITUDE: **29.816700000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514428/6514428.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 278 Distance from Property: 3.95 mi. NNW

STATE ID: **65-14-435**
OWNER'S NAME: **CITY OF HOUSTON LINDALE PARK**
DATE DRILLED: **06/17/1940**
DEPTH DRILLED: **853'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.364880000**
LATITUDE: **29.816680000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514435/6514435.pdf>



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 279 Distance from Property: 3.95 mi. S

ID NUMBER: TX182087
STATE ID : 65-22-4B
OWNER NAME: QUALITY AUTO PARTS
DATE DRILLED: 07/14/1975
DEPTH DRILLED: 60'
STATIC LEVEL: 60'
WATER USAGE: DOMESTIC
LONGITUDE: -95.359520000
LATITUDE: 29.703000000

2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 182087

Send original copy by certified mail to the Texas Water Development Board, P. O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TMD8 use only
Well No. 65-22-48
Located on map 448
Received 11-7-84

1) OWNER:
Person having well drilled Quality Auto Parts Address 5920 Scott Houston, Texas 77021
(Name) (Street or RFD) (City) (State)
Landowner Same Address Same
(Name) (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris County miles in _____ direction from _____
(N.E., S.W., etc.) (Town)
by sketch map showing landmarks, roads, creeks, _____ or _____
by number, etc.* Give legal location with distances and directions from
adjacent sections or survey lines.
Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NE¼, NW¼, SW¼, SE¼) of Section _____

OVER North ↑
(Use reverse side if necessary)

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check):
 Rotary Driven Dig Cable Jetted Bored

6) WELL LOG:
Diameter of hole 4 1/4" in. Depth drilled 60' ft. Depth of completed well 60' ft. Date drilled 7/14/75
All measurements made from 0' ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0'	20'	Clay
20'	40'	Clay
40'	60'	Sand

9) CASING:
Type: Old _____ New Steel Plastic Other _____
Cemented from _____ ft. to _____ ft.
Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Gage _____

10) SCREEN:
Type Plastic
Perforated Slotted _____
Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Slot Size _____

7) COMPLETION (Check):
 Straight wall Gravel packed Other _____
 Under reamed Open Hole

8) WATER LEVEL:
Static level 30' ft. below land surface Date 7/16/75
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 21' ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes _____ No _____ If yes, by whom? _____
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes _____ No _____
Did any strata contain undesirable water? Yes _____ No _____
Type of water? _____ depth of strata 60'

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Jerry Ray Davis Water Well Drillers Registration No. 4315
(Type or Print)
ADDRESS 5423 Lotus Street Houston, Texas 77045
(Street or RFD) (City) (State)
(Signed) [Signature] Hollace Water Well Drilling & Service Co
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.
*Additional instructions on reverse side.

182087



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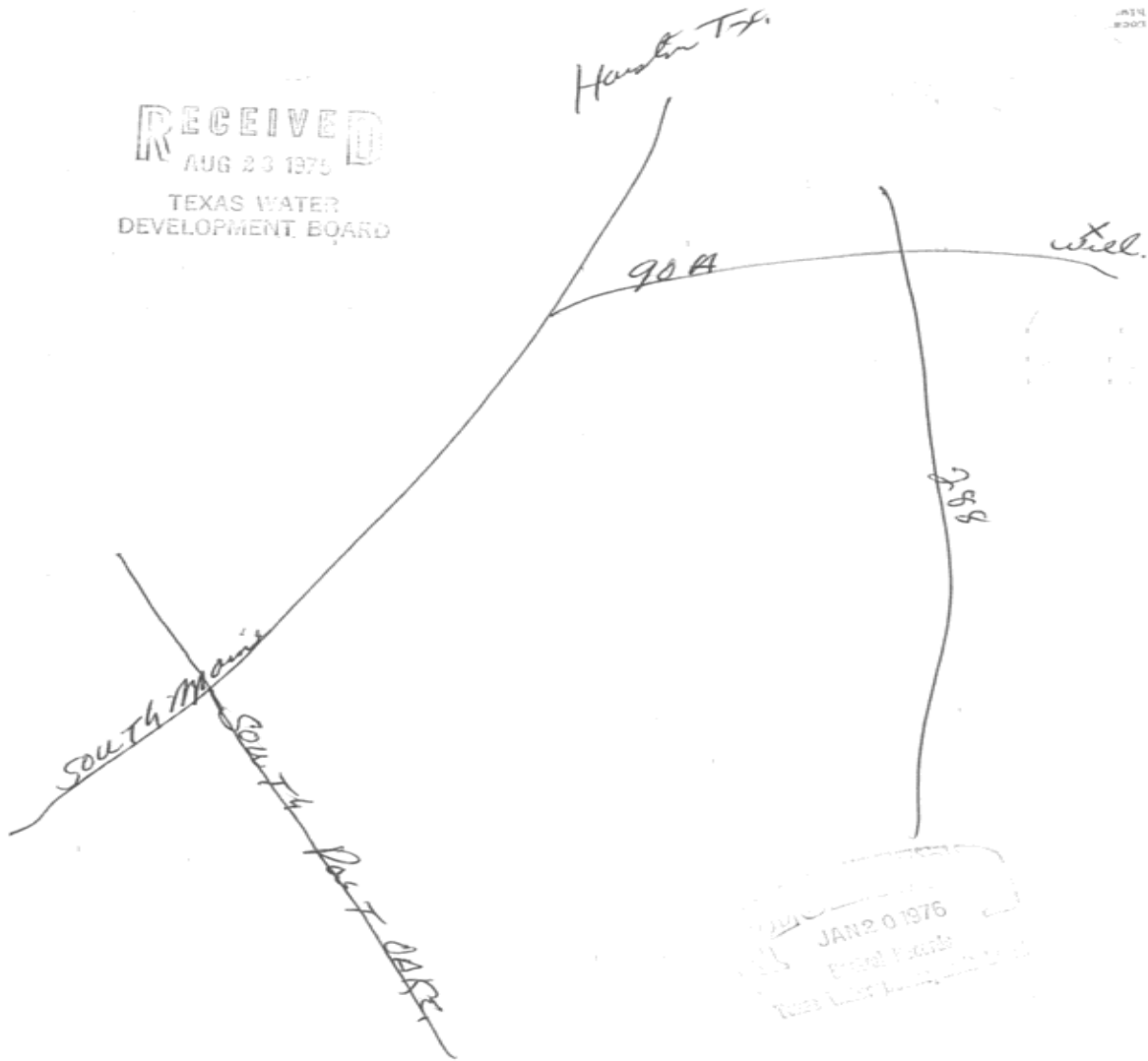
2) LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area, e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-CW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.



SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 280 Distance from Property: 3.97 mi. W

TRACK #: 228016

DATE ENTERED: 2010-08-24

OWNER NAME: SCHLENKER, CALVIN & JILL

OWNER ADDRESS: 2909 INWOOD
HOUSTON, TX 77019

COUNTY: HARRIS

LATITUDE: 29.759445000 LONGITUDE: -95.430278000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=228016&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2010-08-12

DRILLING DATE (COMPLETED): 2010-08-16

DEPTH DRILLED: 406'

WATER LEVEL:

STATIC LEVEL: 210'

WATER LEVEL DATE: NOT REPORTED

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: O'DAY DRILLING COMPANY, INC.

COMPANY ADDRESS: 5923 CR 931
ROSHARON, TX 77583



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SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 281 Distance from Property: 3.98 mi. SSW

TRACK #: 197986

DATE ENTERED: 2009-11-03

OWNER NAME: GROCERS SUPPLY

OWNER ADDRESS: 3131 E HOLCOMBE
HOUSTON, TX 77021

COUNTY: HARRIS

LATITUDE: 29.702223000 LONGITUDE: -95.377778000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=197986&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2009-10-22

DRILLING DATE (COMPLETED): 2009-10-25

DEPTH DRILLED: 395'

WATER LEVEL:

STATIC LEVEL: 190'

WATER LEVEL DATE: NOT REPORTED

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

INDUSTRIAL

COMPANY INFORMATION:

COMPANY NAME: O'DAY DRILLING COMPANY, INC

COMPANY ADDRESS: 5923 CR 931
ROSHARON, TX 77583



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 282 Distance from Property: 3.98 mi. W

ID NUMBER: TX208716
STATE ID : N/A
OWNER NAME: BERRY ELLIS
DATE DRILLED: 11/21/1972
DEPTH DRILLED: 169'
STATIC LEVEL: 128'
WATER USAGE: DOMESTIC
LONGITUDE: -95.418153000
LATITUDE: 29.747924000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 208716

Send original copy by certified mail to the Texas Water Development Board, P. O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TCEQ use only
Well No. _____
Located on map ND
Received: 93
JR

1) OWNER:
Person having well drilled Berry Ellis Address 2001 Kirby Suite 1200 Houston Tex
(Name) (Street or RFD) (City) (State)
Landowner SAME Address SAME (City) (State)

2) LOCATION OF WELL:
County HARRIS 9 miles in N direction from Houston
(N, E, S, W, etc.) (Town)
Locate by sketch map showing landmarks, roads, creeks, highway number, etc.*
Give legal location with distances and directions from adjacent sections or survey lines.
Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW, NE, SW, SE) of Section _____

2001 Kirby Dr
Suite 1200
North
↑
(Use reverse side if necessary)

3) TYPE OF WORK (Check):
New Well: Deepening _____
Reconditioning: Plugging _____
4) PROPOSED USE (Check):
Domestic Industrial _____ Municipal _____
Irrigation _____ Test Well _____ Other _____
5) TYPE OF WELL (Check):
Rotary Driven _____ Dug _____
Cable _____ Jetted _____ Bored _____

6) WELL LOG:
Diameter of hole 6 1/2 in. Depth drilled 169 ft. Depth of completed well 169 ft. Date drilled 4/21/92
All measurements made from 41 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	3	Top Soil
3	142	Unconsolidated
142	169	SAND

9) CASING:
Type: Old _____ New Steel Plastic _____ Other _____
Cemented from 98 ft. to 148 ft.
Diameter (inches) _____ Setting _____
From (ft.) To (ft.) Case _____
4" 0 148 20
2" 148 159

10) SCREEN:
Type 55R
Perforated Slotted _____
Diameter (inches) _____ Setting _____
From (ft.) To (ft.) Slot Size _____
2" 159 169 14

(Use reverse side if necessary)

7) COMPLETION (Check):
Straight well Gravel packed _____ Other _____
Under reamed etc: 8' Open Hole

8) WATER LEVEL:
Static level 128 ft. below land surface Date 4/21/92
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 132' ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes _____ No If yes, by whom? _____
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes _____ No
Did any strata contain undesirable water? Yes _____ No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Tommy C. Buswell Water Well Drillers Registration No. 707
(Type or Print)
ADDRESS 9736 North Houston Houston Tex
(Street or RFD) (City) (State)
(Signed) Tommy C. Buswell Buswell & Sons, Inc.
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.
*Additional instructions on reverse side.

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 283 Distance from Property: 3.99 mi. SW

STATE ID: 65-21-330
OWNER'S NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1973
DEPTH DRILLED: 1777'
WATER USAGE: PLUGGED OR DESTROYED
LONGITUDE: -95.392497000
LATITUDE: 29.713476000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521330/6521330.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 6
State ID: 65-21-330

WRD Exp. (GW)
April 1966

Well No. 25-65-21-330

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

1:24000

Record by C.W. BONNET Source of data DRILLERS RECORDS Date 3-16-74 Map BELLAIRE 1967

State TEXAS County HARRIS (or town) L.J.

Latitude: 29° 42' 45" N Longitude: 095° 23' 33" W Sequential number: 1

Local well number: 25-65-21-330 Other number: SOUTH END 13

Local use: _____ Owner of name: CITY OF HOUSTON

Owner or name: CITY OF HOUSTON Address: HERMANN PARK

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist _____

Use of water: Air cond, Bottling, Comm, Devater, Power, Fire, Dom, Irr, Mad, Ind, F S, Rec, Stock, Instit, Unused, Reprassura, Recharge, Desal-P S, Desal-other, Other _____

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed _____

DATA AVAILABLE: Well data _____ Freq. W/L meas.: _____ Field aquifer char. _____

Hyd. lab. data: NEW MIS 3-75 (GW & RW)

Qual. water data: type: _____

Freq. sampling: 2-75 Pumpage inventory: yes _____ no _____ period: _____

Aperture cards: _____

Log data: D-LOG 0-1822' ELOG MA-74 DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: 1777 ft. Meas. accuracy: _____

Depth cased; (first perf.): 708 ft. Casing type: S ; Dim: 24-14 in. accuracy: _____

Finish: porous concrete, gravel v. concrete, (perf.), gravel v. (screen), horiz. gallery, open end, parff., screen, sd. pt., shored, open hole, _____

Method drilled: (A) air bored, (B) cable, (C) dog, (D) hya, (E) jettied, (F) percussion, (G) rotary, (H) reverse trenching, (I) driven, (J) drive wash, (K) other _____

Date drilled: 7-73 Pump intake setting: _____ ft.

Driller: TEXAS WATER WELLS, INC. address: HOUSTON

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) other _____ Deep _____ Shallow _____

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. _____ Trans. or meter no. _____

Descrip. MP _____ ft above _____ below LSD, Alt. MP _____

Alt. LSD: 47 _____ ft. Accuracy: (SOURCE) TOPO 5'

Water level: 342 ft. above MP; Ft. below LSD: 342 Accuracy: REPT

Date meas: 7-73 Yield: 218 gpm. Pumping period: 2118 hrs. Method determined: _____

Drawdown: 54 ft. Accuracy: _____ Pumping period: 96 hrs. _____

QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____

Sp. Conduct _____ K x 10⁶ _____ Temp. _____ Data sampled _____

Taste, color, etc. _____



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 6
State ID: 65-21-330

Well No. LJ-621-330

Latitude-longitude 29.42.45 @ 095.23.35

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: 03 Section: _____

Basins Basin: 51R Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series T aquifer, formation, group E

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: 461 ft Depth to top of: _____ ft

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

* Intervals Screened:

Depth to consolidated rock: _____ ft Source of data: _____

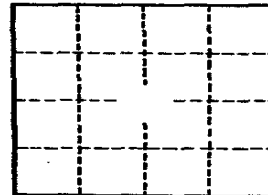
Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration Characteristics: _____

Coefficient Trans: _____ spd/ft Coefficient Storage: _____

Coefficient Perm: _____ spd/ft²; Spec cap: _____ spm/ft; Number of geologic cards: _____

* 708 - 794	86
890 - 912	22
950 - 968	18
978 - 998	20
1026 - 1043	16
1108 - 1124	16
1174 - 1196	22
1298 - 1342	44
1380 - 1444	64
1490 - 1534	44
1548 - 1579	31
1608 - 1648	40
1704 - 1722	18
1742 - 1762	20
	<u>461</u>



CEMENTED 0-710'
TOP OF 14' 610'

Well No.

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

Latitude 29.4245 Longitude 095.233501 Seq. No. 020994

County code 201 County Harris

Well # LJ-65-21-330

Project number 7-4648-01000

Date 2-15-77 Time _____ Temp °C 28.5

Owner City of Houston

Address South End #13

Date drld 1973 WBF code 121601

Sample interval: (top) 708 (bottom) 1762

Water level _____ Appr Clear Use PS

Collector Butler Yield _____ GPM

Smpld aftr pmpg _____ Depth _____

Pt of coll Tap on discharge

Field: Cond _____ pH _____ HCO₃ _____ DO _____

Indicate types of analyses

Coliform _____ Phenols _____ Minors _____

Nutrients MBAS _____ BOD _____ TOC _____ DOC _____

std chem schedule I

Other _____

Herbicide _____ Insecticide _____

Remarks:

Sampled after pumping	Parameter code	Value	Exp.	Rmk
<input type="checkbox"/>	72004			
<input type="checkbox"/>	DO (mg/l)	00300		
<input type="checkbox"/>	DO % Sat.	00301		
<input type="checkbox"/>	Temp °C	00010	28.50	0.2 28.5
<input type="checkbox"/>	pH	00400	8.000	0.1 8.0
<input type="checkbox"/>	Specific conductance	00095	6000	0.3 600
<input type="checkbox"/>	HCO ₃	00440	2880	0.3 288
<input type="checkbox"/>	CO ₃	00445	0000	0.1 0
<input type="checkbox"/>	Chloride (Cl)	00940	4600	0.2 46
<input type="checkbox"/>	Sulfate (SO ₄)	00945	1000	0.2 10
<input type="checkbox"/>	Color	00080		
<input type="checkbox"/>	Coliform, membrane filter	31501		
<input type="checkbox"/>	Coliform, fecal	31625		
<input type="checkbox"/>	Strep-tococci	31673		
<input type="checkbox"/>	BOD	00310		
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				

Type 2 Station identification number 29.4245095233501

1 2 9 16

Y M D Time of measurement

17 22 29 32

Begin

Depth	Parameter code	Value	Exp.	Rmk
	72008			
Yield (GPM)	00059			
Sample interval JP	72015	7080	03	
Sample interval BOTTOM	72016	1762	04	
Water level	72019			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

017574

TX-73Q
(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

Latitude	Longitude	Seq. No.
29 42 45	09 52 33 50 1	
County code <u>201</u>	County <u>HARRIS</u>	
Well # <u>LJ-65-21-330</u>		
Project number <u>4648-01000</u>		
Date <u>2-10-76</u>	Time	Temp °C <u>28.5</u>
Owner <u>City of Houston</u>		
Address <u>Southend #13</u>		
Date drid	WBF code <u>121 EVGL</u>	
Sample interval: (top) <u>705</u>	(bottom) <u>1762</u>	
Water level	Appr clear	Use <u>PS</u>
Collector <u>Naffel</u>	Yield	GPM
Smpld aftr pmpg <u>arrival</u>	Depth	
Pt of coll <u>top on discharge</u>		
Field: Cond	pH	HCO ₃
DO		

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	72004			
DO (mg/l)	00300			
DO % Sat.	00301			
Temp °C	00010	2850	02	28.5
pH	00400	8000	01	8.0
Specific conductance	00095	6100	03	610
HCO ₃	00440	2880	03	288
CO ₃	00445	0000	01	0
Chloride (Cl)	00940	4700	02	47
Sulfate (SO ₄)	00945	1000	02	10
Color	00080			
Coliform, membrane filter	31501			
Coliform, fecal	31616			
Strep-tococci	31679			
BOD	00310			

Indicate types of analyses

Coliform	Phenols	Minors
utrients	MBAS	BOD
Std chem schedule <u>I</u>	TOC	DOC
Other		
Herbicide	Insecticide	

Remarks:

Type	Station identification number			
2	29 42 45 09 52 33 50 1			
Y M D	Time of measurement			
7 6 02 10				
17 Begin	29 32			
Depth	Parameter code	Value	Exp.	Rmk
	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	7080	03	
Sample interval BOTTOM	72016	1762	04	
Water level	72019			



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 5 out of 6
State ID: 65-21-330

(11-74)

Latitude 294245 Longitude 095233501 Seq. No. 01

County code 25201 County Harris

Well # LT-65-21-330

Project number 5-4648-01000

Date 2-6-75 Time _____ Temp °C 28.0

Owner City of Houston

Address Southend # 13

Date drld 7-73 WBF code 121EVC

Sample interval:(top) 708 (bottom) 1762

Water level _____ Appr _____ Use PS

Collector NafTel Yield _____ GPM

Smpld aftr pmpg on arrival Depth 1777

Pt of coll faucet on pipe

Field: Cond _____ pH _____ HCO₃ _____ DO _____

Water Resources Division
Austin, Texas

015091

Indicate types of analyses

Coliform _____ Phenols _____ Minors _____

Nutrients _____ MBAS _____ BOD _____ TOC _____ DOC _____

Rad chem schedule I-1504

Other _____

Herbicide _____ Insecticide _____

Remarks:

Type _____ Station identification number 294245095233501

Y M D Time of measurement

7 5 02 06

17 Begin 22 29 32

Depth Parameter code 72008 Value 1777 Exp. 04 Rmk _____

Yield (GPM) Parameter code 00059 Value _____ Exp. _____ Rmk _____

Sample interval top Parameter code 72015 Value 7080 Exp. 03 Rmk _____

Sample interval BOTTOM Parameter code 72016 Value 1762 Exp. 04 Rmk _____

Water level _____

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	<u>72004</u>			
DO (mg/l)	<u>00300</u>			
DO % Sat.	<u>00301</u>			
Temp °C	<u>00010</u>	<u>28.00</u>	<u>02</u>	
pH	<u>00400</u>	<u>7.600</u>	<u>01</u>	<u>1.6</u>
Specific conductance	<u>00095</u>	<u>6020</u>	<u>03</u>	<u>602</u>
HCO ₃	<u>00440</u>	<u>2820</u>	<u>03</u>	<u>282</u>
CO ₃	<u>00445</u>	<u>0000</u>	<u>01</u>	<u>0</u>
Chloride (Cl)	<u>00940</u>	<u>4600</u>	<u>02</u>	<u>46</u>
Sulfate (SO ₄)	<u>00945</u>	<u>1200</u>	<u>02</u>	<u>12</u>
Color	<u>00080</u>			
Coliform, membrane filter	<u>31501</u>			
Coliform, fecal	<u>31616</u>			
Strep-tococci	<u>31679</u>			
BOD	<u>00310</u>			



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 6 out of 6
State ID: 65-21-330

012500

Latitude Longitude Seq. No.
 294245 095233501
 County code 101 County HARRIS
 Well # L3 65-21-330
 Project number T4648 01000
 Date 9-23-76 Time 1240 Temp °C 28.5
 Owner CITY OF HOUSTON
 Address SOUTHWEND #13
 Date drld 7-73 WBF code EVEL
 Sample interval:(top) 708 (bottom) 1762
 Water level 438 Appr Clear Use PS
 Collector BEZANT Yield — GPM
 Smpld aftr pmpg ON ARRIVAL Depth —
 Pt of coll TOP ON DISCH PIPE
 Field: Cond pH HCO₃ DO

Indicate types of analyses
 Coliform Phenols Minors
 Nutrients MBAS BOD TOC DOC
 Std chem schedule I
 Other
 Herbicide Insecticide
 Remarks:

Type Station identification number
 2 294245095233501
 Y M D Time of measurement
 7 6 09 23
 17 Begin 22 29 32
 Depth Parameter code Value Exp. Rmk
 72008
 Yield (GPM) 00059
 Sample interval TOP 72015 7080 03
 Sample interval BOTTOM 72016 1762 04
 Water level 72010

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	72004			
DO (mg/l)	00300			
DO % Sat.	00301			
Temp °C	00010	2850	02	285
pH	00400	8000	01	8.0
Specific conductance	00095	5910	03	591
HCO ₃	00440	2860	03	286
CO ₃	00445	0000	01	0
Chloride (Cl)	00940	4600	02	46
Sulfate (SO ₄)	00945	1100	02	11
Color	00080			
Coliform, membrane filter	31501			
Coliform, fecal	31616			
Strep-tococci	31679			
BOD	00310			

WATER UTILITY DATABASE (WUD)

MAP ID# 283 Distance from Property: 3.99 mi. SW

PWSID: 1010013
SOURCE ID: G1010013BA
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 07/00/1973
SCREEN BOTTOM: 1,638.00'
SCREEN TOP: 888.00'

GALLONS
PER MINUTE: 2,017
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.393363950
LATITUDE: 29.713407520

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 283 Distance from Property: 3.99 mi. SW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294245095233501**

STATION NAME: **LJ-65-21-330**

SITE TYPE: **GW**

LATITUDE: **29.713476000** LONGITUDE: **-95.392497000**

DATE DRILLED: **197307**

WELL DEPTH: **1777 feet**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 283 Distance from Property: 3.99 mi. SW

WELL ID: 1113
OWNERS NAME: HOUSTON, CITY OF
YEAR DRILLED: 1973
DEPTH DRILLED: 1787'
STATIC LEVEL: 718'
WATER USAGE: PUBLIC SUPPLY
WELL STATUS: PLUGGED
LONGITUDE: -95.392495000
LATITUDE: 29.713476000
SOURCE: HGSD



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 284 Distance from Property: 3.99 mi. WSW

WELL ID: **9268**
OWNERS NAME: **HUNTINGDON COUNCIL OF CO-OWNERS, THE**
YEAR DRILLED: **Not Reported**
DEPTH DRILLED: **550'**
STATIC LEVEL: **520'**
WATER USAGE: **DOMESTIC/COMMERCIAL**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.418169000**
LATITUDE: **29.747128000**
SOURCE: **HGSD**



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WATER UTILITY DATABASE (WUD)

MAP ID# 285 Distance from Property: 3.99 mi. NNW

PWSID: 1010013
SOURCE ID: G1010013OG
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1938
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.366668700
LATITUDE: 29.816667560

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 285 Distance from Property: 3.99 mi. NNW

STATE ID: **65-14-418**
OWNER'S NAME: **CITY OF HOUSTON OAKWOOD**
DATE DRILLED: **00/00/1938**
DEPTH DRILLED: **220'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.366884000**
LATITUDE: **29.816894000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514418/6514418.pdf>



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 286 Distance from Property: 4.01 mi. SW

ID NUMBER: TX208466
STATE ID : N/A
OWNER NAME: CITY OF HOUSTON
DATE DRILLED: 07/??/1973
DEPTH DRILLED: 1832'
STATIC LEVEL: 352'
WATER USAGE: MUNICIPAL
LONGITUDE: -95.388427000
LATITUDE: 29.710759000
2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 208466

Send original copy by certified mail to the Texas Water Development Board, P. O. Box 12386, Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TWDB use only
Well No. _____
Located on map NO
Received: 72

1) OWNER:
Person having well drilled City of Houston Address City Hall Houston, Texas
(Name) (Street or RFD) (City) (State)
Landowner Same Address Same
(Name) (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris _____ miles in _____ direction from _____
(N.E., S.W., etc.) (Town)
Locate by sketch map showing landmarks, roads, creeks, hwy number, etc.* Outlet Belt Dr. FANNIN St.
Well sites Zoo Circle
Give legal location with distances and directions from adjacent sections or survey lines.
Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW, NE, SW, SE) of Section _____

3) TYPE OF WORK (Check):
New Well Deepening _____
Reconditioning _____ Plugging _____
4) PROPOSED USE (Check):
Domestic _____ Industrial _____ Municipal
Irrigation _____ Test Well _____ Other _____
5) TYPE OF WELL (Check):
Rotary Dug _____
Cable _____ Jetted _____ Bored _____

6) WELL LOG:
Diameter of hole 24" in. Depth drilled 1832 ft. Depth of completed well 1787 ft. Date drilled 7-73
All measurements made from 10% ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	9) Casing Type: Old _____ New <input checked="" type="checkbox"/> Steel _____ Plastic _____ Other _____
0	12	Rotary Space	Cemented from 0 ft. to 710 ft.
12	45	Surface Clay	
45	195	Sandy Shale	Diameter (inches) From (ft.) To (ft.) Casing
195	240	Shale	14" 610 718 Blank Pipe
240	350	Shale w/streaks of fine sand	14" 804 908 " "
350	400	Sand	14" 922 960 " "
410	458	Shale w/lime streaks	10) SCREEN: Type <u>SS Screen</u> (over)
458	478	Shale and sand	Perforated _____ Slotted <input checked="" type="checkbox"/>
478	496	Shale	Diameter (inches) From (ft.) To (ft.) Slot Size
496	510	Sand	14" 718 804 #50 SS Screen
510	520	Shale	14" 900 922 #40 " "
		(over)	14" 960 978 #40 " "

7) COMPLETION (Check):
Straight wall _____ Gravel packed Other _____
Under reamed _____ Open Hole _____

8) WATER LEVEL:
Static level 352 ft. below land surface Date 7-73
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No _____ If yes, by whom? Texas Water Wells, Inc.
Yield: 2118 gpm with 54 ft. drawdown after 96 hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm _____
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No _____
Did any strata contain undesirable water? Yes _____ No _____
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME A. E. Fawcett, Jr. Water Well Drillers Registration No. 82
(Type or Print)
ADDRESS 3611 N. McCarty Drive (City) Houston, Texas 77029 (State)
(Signed) A. E. Fawcett, Jr. Texas Water Well, Inc.
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

COPY MAILED TO WELL OWNER



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2

Water Well ID: 208466

2) LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area, e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-CW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.

520	598	Sand w/hard streaks
598	615	Sand
615	650	Shale
650	910	Sand w/broken shale streaks
910	935	Shale
935	1220	Sand w/streaks of shale and lime
1220	1305	Shale and lime
1305	1307	Sand
1307	1350	Shale
1350	1500	Sand w/shaley streaks
1500	1532	Shale
1532	1571	Sand w/hard streaks
1571	1640	Sand
1640	1646	Shale
1646	1670	Sandy shale
1670	1730	Sand
1730	1798	Sandy shale and sand
1798	1828	Shale
1828	1832	Sandy shale

14"	978	988	Blank pipe
14"	1008	1036	"
14"	1053	1118	"
14"	1134	1184	"
14"	1206	1238	"
14"	1238	1308	"
14"	1352	1390	"
14"	1454	1500	"
14"	1544	1558	"
14"	1589	1618	"
14"	1658	1714	"
14"	1732	1752	"
14"	1772	1787	"
	1787		Wooden wash plug & back pressure valve

14"	988	1008	#35 S. S. Screen
14"	1036	1053	#40 "
14"	1118	1134	#40 "
14"	1184	1206	#35 "
14"	1308	1352	#40 "
14"	1390	1454	#35 "
14"	1500	1544	#40 "
14"	1558	1589	#45 "
14"	1618	1658	#35 "
14"	1714	1732	#35 "
14"	1752	1772	#35 "

DEVELOPMENT BOARD
TEXAS WATER DEVELOPMENT BOARD

JUL 20 1973

RECEIVED

RECEIVED
SEP 14 1973
Central Records
Texas Water Development Board

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 287 Distance from Property: 4.02 mi. W

ID NUMBER: TX205024
STATE ID : N/A
OWNER NAME: MCDUGALD STEEL
DATE DRILLED: 04/04/1991
DEPTH DRILLED: 475'
STATIC LEVEL: 259'
WATER USAGE: IRRIGATION
LONGITUDE: -95.419822000
LATITUDE: 29.752499000

3 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 3
Water Well ID: 205024



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 3

Water Well ID: 205024

STATE OF TEXAS WATER WELL REPORT (PAGE 2)

OWNER: MCDUGALD STEEL ADDR: 95 LAZY LANE CITY: HOUSTON STATE: TX ZIP: *R*

376 397 SAND-TAN-.010-.012 |
397 425 SAND-TAN-FINE |
425 437 SAND-TAN-.006-.008 |
437 448 SHALE |
448 457 SAND-TAN-FINE |
457 475 SAND-TAN-.010-.012 |
475 0 CLAY-RED |

Cove

CWB

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 3 out of 3
Water Well ID: 205024

STATE OF TEXAS WATER WELL REPORT

1) OWNER: MCCUGALD STEEL A. 2995 LAZY LANE CITY: HOUSTON STATE: TX ZIP:
2) LOCATION OF WELL: County: HARRIS miles in W direction from HOUSTON

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00419 DIAMETER OF HOLE 7) BOREHOLE METHOD:
DIAMETER FROM TO TWO STRING/K-PACKER
8.0 0 455 IF GRAVEL... FROM FT. TO FT.
3.0 455 475 FROM FT. TO FT.
DATE DRILLED: 04/04/91

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:
DIA NEW/USED DESCRIPTION FROM TO GAGE CASING SCREEN
5.0 N P.V.C. S.D.R.17 0 455 CASING
3.0 N P.V.C. SCH.80 447 457 LINER
3.0 N STAINLESS - ROD BASE 457 475 .006

GEOLOGICAL DESCRIPTION:
FROM TO DESCRIPTION
0 2 SOIL
2 42 CLAY-RED
42 65 SAND-TAN-FINE
65 123 CLAY-RED
123 131 SAND-TAN-FINE
131 181 CLAY-RED
181 206 SAND-TAN-FINE
206 258 CLAY-RED
258 279 SAND-TAN-.010-.012
279 293 CLAY-RED
293 304 SAND-TAN-.010-.012
304 317 SAND-TAN-FINE
317 361 CLAY / SAND STREAKS
361 368 SAND-TAN-FINE
368 376 GRAVEL

9) CEMENTING DATA:
Cemented from 0 FT. TO 455 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AAWS

10) SURFACE COMPLETION:
APP. ALTER. PROCD.

11) WATER LEVEL:
STATIC LEVEL : 259 FT. DATE: 04/06/91
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH
RUBBER 454

RECEIVED
MAY 21 1992
TEXAS WATER WELL
DRILLERS BOARD

13) TYPE PUMP: SUBMERSIBLE DEPTH TO PUMP: 336
14) WELL TEST: JETTED YIELD: 75 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY: TYPE OF WATER: GOOD DEPTH OF STRATA: 475 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843 FOR TDWR USE ONLY
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578 WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) *Albert S. J...* (signed) _____
(LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)

CWB

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 288 Distance from Property: 4.04 mi. NW

ID NUMBER: TX181646
STATE ID : N/A
OWNER NAME: HEIGHTS SAVINGS ASSOCIATION
DATE DRILLED: 09/19/1961
DEPTH DRILLED: 286'
STATIC LEVEL: 138'
WATER USAGE: DOMESTIC
LONGITUDE: -95.399610000
LATITUDE: 29.802670000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 181646

File original copy with Texas Water Commission P. O. Box 2311, Capitol Station Austin 11, Texas	State of Texas DRILLERS LOG AND WELL DATA REPORT	For use by TWC only Well No. _____ Located on map _____ By: _____ Date <u>ND</u> Map no. _____																			
1) Well Owner: <u>Heights Savings Association</u> <u>20th St. & Yale</u> <u>Houston, Texas</u>																					
2) Land Owner: <u>Heights Savings Association</u>																					
3) Intended use: Industrial <input type="checkbox"/> Municipal <input type="checkbox"/> Irrigation <input type="checkbox"/> Other _____																					
4) Location of well: County <u>Harris</u> Labor _____ League _____ Abstract No. _____ NE <input type="checkbox"/> NW <input type="checkbox"/> SE <input type="checkbox"/> SW <input type="checkbox"/> of Section _____ Block No. _____ Survey _____ <small>(Circle as many as are known)</small>																					
_____ miles in _____ direction from _____ <div style="text-align: center;"> Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks. </div>																					
DRILLERS LOG OF WELL Method of drilling: <u>Rotary</u> Diameter of hole <u>4</u> in. Date drilled <u>9/19/62</u>																					
All measurements made from <u>0</u> ft. above ground level.																					
From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material																
0	26	Surface Clay	180	207	Shale Sandy																
26	28	Sand Streaks	207	225	Sand Fine & Broken																
28	33	Soft Shale Sandy	225	256	Shale Light Sand Streaks																
33	49	Sand Loose Fine Red	256	265	Sand Loose Shale Broken																
49	80	Red Clay	265	286	Sand Good 14 gauge																
80	111	Sand Fine & Broken Shale																			
111	140	Sand Top Loose Sh good																			
140	180	Sand very good																			
(Use continuation sheets if necessary)																					
COMPLETION DATA																					
COMPLETION Straight wall <input type="checkbox"/> Under reamed <input checked="" type="checkbox"/> Gravel packed <input type="checkbox"/> Open hole <input type="checkbox"/> Other _____		CASING Type: Old <input type="checkbox"/> New <input checked="" type="checkbox"/> Cemented from <u>268</u> ft. to <u>surface</u> ft. <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th rowspan="2">Diameter (inches)</th> <th colspan="2">Setting</th> </tr> <tr> <th>from (ft)</th> <th>to (ft)</th> </tr> <tr> <td>4"</td> <td>0</td> <td>268</td> </tr> </table>		Diameter (inches)	Setting		from (ft)	to (ft)	4"	0	268	SCREEN Type <u>LOP Stainless</u> Perforated <input type="checkbox"/> Slotted <input checked="" type="checkbox"/> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th rowspan="2">Diameter (inches)</th> <th colspan="2">Setting</th> </tr> <tr> <th>from (ft)</th> <th>to (ft)</th> </tr> <tr> <td>2 1/2"</td> <td>284</td> <td>272</td> </tr> </table>		Diameter (inches)	Setting		from (ft)	to (ft)	2 1/2"	284	272
Diameter (inches)	Setting																				
	from (ft)	to (ft)																			
4"	0	268																			
Diameter (inches)	Setting																				
	from (ft)	to (ft)																			
2 1/2"	284	272																			
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.																					
_____ Signature <u>LOWRY WATER WELLS</u> Company Name Reg. No. <u>116</u>																					
Please attach electric log, chemical analysis, and other pertinent information if available.																					
If well was tested by your company or if you installed the permanent pump please complete the following:																					
WATER LEVEL AND PUMP DATA Static water level <u>138'</u> ft. below _____ <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="3">Pumping level</th> </tr> <tr> <th>feet</th> <th>hours</th> <th>gpm</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>			Pumping level			feet	hours	gpm							Pump type <u>Myers Submersible</u> Designed pumping rate _____ gpm <input type="checkbox"/> gph <input type="checkbox"/> Type power unit <u>Electric</u> Horsepower <u>1/2</u> H.P. Depth to bowls, cylinder, jet, etc., _____ ft. below pump base.						
Pumping level																					
feet	hours	gpm																			
Name of contractor testing well or installing permanent pump if other than your company: _____																					

Tx65022 u11

181646



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 288 Distance from Property: 4.04 mi. NW

STATE ID: 65-13-623
OWNER'S NAME: HEIGHTS SAVINGS ASSOC.
DATE DRILLED: 00/00/1961
DEPTH DRILLED: 286'
WATER USAGE: DOMESTIC
LONGITUDE: -95.399610000
LATITUDE: 29.802670000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513623/6513623.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-13-623

Texas Water Development Board Well Schedule

State Well Number 6513623 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294807 Longitude 952358 Source of Coords 2

Owner's Well No. _____ Location _____

Owner Heights Savings Assoc. Driller Lowry Water Wells

Address _____ Tenant/Oper. _____

Date Drilled / /1961 Depth 286 Source of Depth Altitude 64 Source of Alt.
Well Type w User

WELL CONSTRUCTION Const-Method Casing Material Screen Material Casing or Blank Pipe (C)
Completion Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - SUBMERSIBLE PUMP No. Stages _____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - DOMESTIC Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - Other Data -

WATER LEVELS 1 measurement
1961
-138

Recorded By _____ Date Record Collected or Updated - 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: Screen from 272 to 284 ft.

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER,LOWER

Wednesday, February 01, 2006

Well Number - 6513623



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MAP ID# 289 Distance from Property: 4.05 mi. NNW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294901095221001**

STATION NAME: **LJ-65-14-409 (LINDALE PARK)**

SITE TYPE: **GW**

LATITUDE: **29.817220000** LONGITUDE: **-95.369410000**

DATE DRILLED: **194706**

WELL DEPTH: **1152 feet**

HOLE DEPTH: **1200 feet**

LOCAL AQUIFER: **EVANGELINE AQUIFER**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 289 Distance from Property: 4.05 mi. NNW

STATE ID: **65-14-409**
OWNER'S NAME: **CITY OF HOUSTON LINDALE PARK**
DATE DRILLED: **06/00/1947**
DEPTH DRILLED: **1152'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.369410000**
LATITUDE: **29.817220000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514409/6514409.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
State ID: 65-14-409

WRD Exp. (GW)
April 1966

Well No. TX-65-14-409

WELL SCHEDULE

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by G. McAdoo Source of data File Date 3-9-68 Map Settegast 1955
R.R. Goby 2ch 1963
 State Texas County Harris Sequential number: 1
 Latitude: 29 49 01 N Longitude: 095 22 10 W
 Local well number: TX-65-14-409 Other number: #4 H-40
 Local use: _____ Owner or name: City of Houston
 Owner or name: CITY OF HOUSTON Address: Lindale Park, King St.
 Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist. M
 Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Mad, Ind, P S, Rec. U
 (B) Stock, Instlt, Unused, Recharge, Desal-P S, Desal-other, Other
 Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed U
 (B) _____
 DATA AVAILABLE: Well data 2 Freq. W/L meas.: Continuous Field aquifer char. C
 Hyd. lab. data: _____
 Qual. water data: type: _____
 Freq. sampling: None Pumpage inventory: _____
 Aperture cards: _____
 Log data: E-Log U-21 0-1200

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1152 ft. Mass. accuracy Driller
 Depth cased: 732 ft. Casing type: S ; Diam. 16 1/8 in.
 Finish: porous gravel w. gravel w. horiz. open perf., screen, ad. pt., shored, open hole, other 9
 Method: (A) air bored, cable, dug, jetted, air reverse trenching, driven, drive wash, other H
 Drilled: rot., rot., percussion, rotary, other
 Date Drilled: June 1947 Pump intake setting: _____ ft.
 Driller: Layne-Texas Co., Houston, Texas
 Lift: (A) air, bucket, cent. jat. (cent.) (curb.) (N) piston, rot., submerg. turb. other N Deep Shallow
 Power: (type) diesel, elec, gas, gasoline, hand, gas, wind; H.P. _____ Trans. of meter no. _____
 Descrip. MF top 16" casing +0.5 ft below LSD. Alt. MF _____
 Alt. LSD: 66 Accuracy: Topo 5'
 Water Level: 140 ft above LSD 140 Accuracy: rept.
 Date meas: June 1947 Yield: 1040 gpm 1.040 Method determined _____
 Drawdown: 48 ft 4.8 Accuracy: rept Pumping period: _____ hrs.
 QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____
 Sp. Conduct _____ K x 10⁶ _____ Temp. _____
 Taste, color, etc. _____

P2 158
140
49

Well No. TX-65-14-409

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 2
State ID: 65-14-409

Well No. LJ-65-14-409

Latitude-longitude 29.49.01 N 095.22.10 W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: Coastal Plains Section: 03

Drainage Basin: F Subbasin: 51R

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp. (E) (F) offshore, pediment, hillside, terrace, undulating, valley flat. (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z)

MAJOR AQUIFER: system: T series: 1 aquifer, formation, group: E **AQUIFER** Thickness: ft

Lithology: Origin: Length of well open to: 166 ft Depth to top of: 166 ft

MINOR AQUIFER: system: series: aquifer, formation, group: **AQUIFER** Thickness: ft

Lithology: Origin: Length of well open to: ft Depth to top of: ft

* Intervals Screened: 722-752; 809-829; 967-1029; 1076-1140. Adm. Dr. WW scr.

Depth to consolidated rock: ft Source of data:

Depth to basement: ft Source of data:

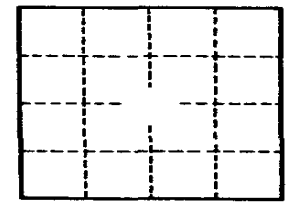
Surficial material: Infiltration characteristics:

Coefficient Trans: spd/ft. Coefficient Storage:

Coefficient Perm: spd/ft. Spec cap: spm/ft. Number of geologic cards:

C59:
0-546 = 16"
441-1152 = 8 3/8"
recorder installed
7-21-64.

* All scr. .025 ga. except bottom .020 ga.



Well No. LJ-65-14-409

GPO 857-700

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 290 Distance from Property: 4.06 mi. SE

ID NUMBER: TX199545
STATE ID : 65-22-1E
OWNER NAME: MID CITY REALTY
DATE DRILLED: 02/24/1977
DEPTH DRILLED: 266'
STATIC LEVEL: 145'
WATER USAGE: DOMESTIC
LONGITUDE: -95.318319000
LATITUDE: 29.709538000
2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 199545

630

Send original copy by certified mail to the Texas Water Development Board, P. O. Box 13087, Austin, Texas 78711

State of Texas

For TMDL use only
Well No. 15-22-1E
Located on map yes
Received: 11/18/95

1) OWNER: Person having well drilled Mid City Realty Address PO Box 18167 Houston Texas
(Name) (Street or RFD) (City) (State)
Landowner Lee Electric Co. Address 6035 Wheeler Houston Texas
(Name) (Street or RFD) (City) (State)

2) LOCATION OF WELL: 6035 Wheeler
County Harris 4 miles in S direction from HOU
(N.E., S.W., etc.) (Town)
Locate by sketch map showing landmarks, roads, creeks, highway number, etc.*
6035 Wheeler
OR
Give legal location with distances and directions from adjacent sections or survey lines.
Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well Deepening _____
Reconditioning _____ Plugging _____
4) PROPOSED USE (Check):
Domestic Industrial _____ Municipal _____
Irrigation _____ Test Well _____ Other _____
5) TYPE OF WELL (Check):
Rotary Driven _____ Dug _____
Cable _____ Jetted _____ Bored _____

6) WELL LOG:
Diameter of hole 6 1/2 in. Depth drilled 230 ft. Depth of completed well 266 ft. Date drilled 2/24/77
All measurements from 4 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	9) Casing: Type: Old _____ New <input checked="" type="checkbox"/> Steel _____ Plastic <input checked="" type="checkbox"/> Other _____
0	22	Top Soil + Clay	Cemented from <u>180</u> ft. to <u>230</u> ft.
22	64	Clay	Diameter (inches) <u>4"</u> Setting From (ft.) <u>0</u> To (ft.) <u>230</u> Casing <u>Sch 40</u>
64	85	Clay & Sand	
85	106	Clay	
106	127	Clay + Sand	
127	190	Clay	
190	211	Clay + Sand	
211	232	Sand	
232	253	Sand & Clay	
253	266	Sand	

10) SCREEN: Type w/w
Perforated Slotted _____
Diameter (inches) 2" Setting From (ft.) 233 To (ft.) 243 Slot Size .016 ga.

7) COMPLETION (Check):
Straight wall Gravel packed _____ Other _____
Under reamed _____ Open Hole _____

8) WATER LEVEL:
Static level 145 ft. below land surface Date 2/24/77
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 190' ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes _____ No If yes, by whom? _____
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes _____ No
Did any strata contain undesirable water? Yes _____ No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Tommy C. Buswell Water Well Drillers Registration No. 707
(Type of Print)
ADDRESS 9739 N. Houston - Rosslyn Houston Texas
(Street or RFD) (City) (State)
(Signed) Tommy C. Buswell Buswell & Son, Inc.
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.
*Additional instructions on reverse side.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2

Water Well ID: 199545

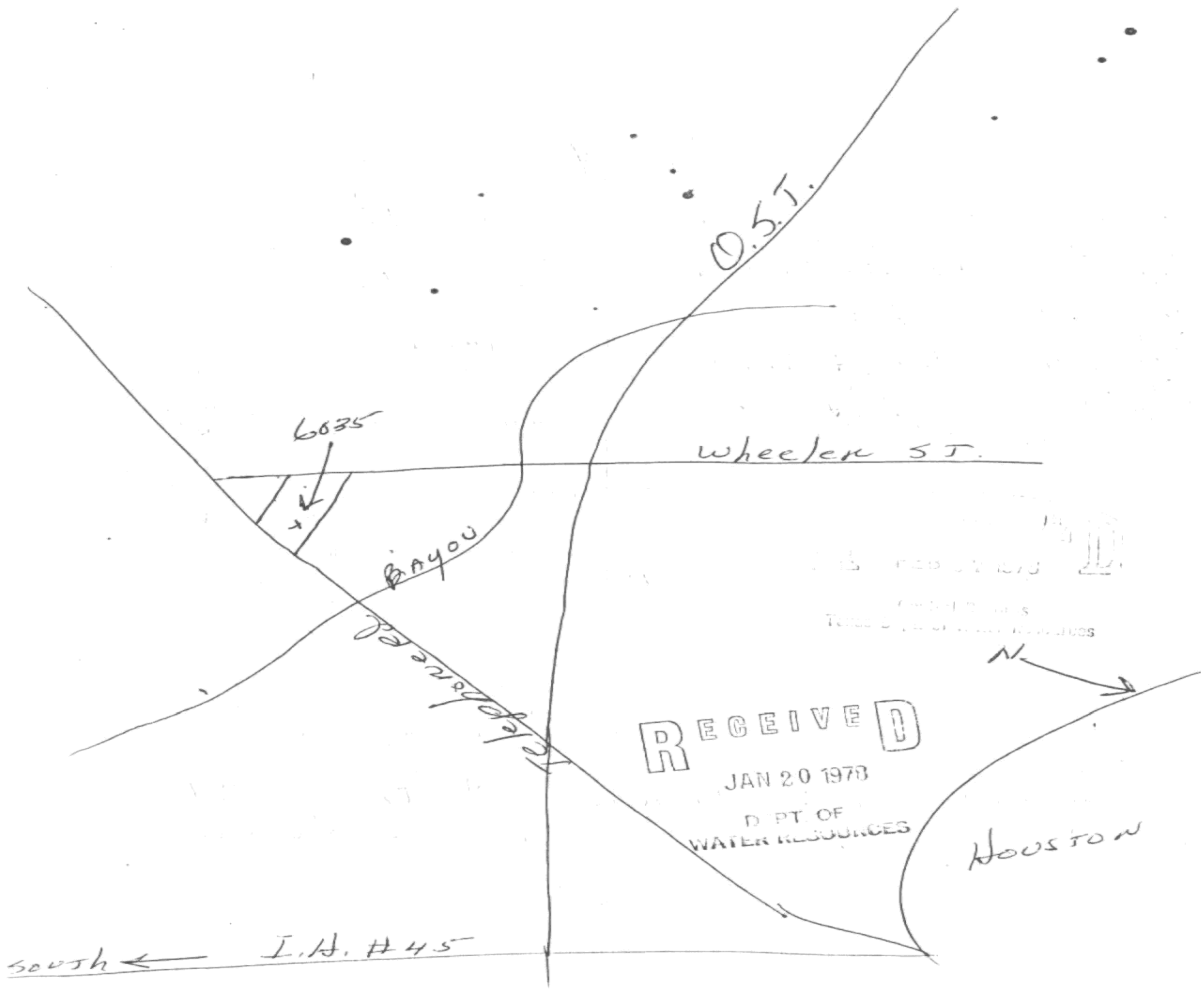
2) LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area. e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-GW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.



SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 291 Distance from Property: 4.06 mi. W

TRACK #: 220553

DATE ENTERED: 2010-06-24

OWNER NAME: CEDAR BALDRIDGE

OWNER ADDRESS: P.O. BOX 542228
HOUSTON, TX 77254

COUNTY: HARRIS

LATITUDE: 29.751389000 LONGITUDE: -95.420278000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=220553&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2008-01-12

DRILLING DATE (COMPLETED): 2008-01-22

DEPTH DRILLED: 405'

WATER LEVEL:

STATIC LEVEL: 190'

WATER LEVEL DATE: NOT REPORTED

TYPE OF WATER: N/A

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: O'DAY DRILLING CO., INC.

COMPANY ADDRESS: 5923 CR 931
ROSHARON, TX 77583



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 292 Distance from Property: 4.06 mi. WSW

STATE ID: 65-21-328

OWNER'S NAME: PRESTON VILLA APARTMENTS

DATE DRILLED: 00/00/1967

DEPTH DRILLED: 444'

WATER USAGE: PUBLIC SUPPLY

LONGITUDE: -95.416040000

LATITUDE: 29.737790000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521328/6521328.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-21-328

Texas Water Development Board Well Schedule

State Well Number 6521328 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294415 Longitude 952456 Source of Coords 2

Owner's Well No. _____ Location _____

Owner
Preston Villa
Apartments

Driller
Lowry Water Wells

Address _____ Tenant/Oper. _____

Date Drilled / /1967 Depth 444 Source of Depth Altitude 57 Source of Alt.
Well Type w User

WELL CONSTRUCTION Const-Method Casing Material Screen Material Casing or Blank Pipe (C)
Completion Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - SUBMERSIBLE PUMP No. Stages _____

Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - _____

YIELD Flow- _____ GPM Pump _____ GPM Meas., Rept., Est.- _____ Date- _____

WATER USE Primary - PUBLIC SUPPLY Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - Other Data -

WATER LEVELS 1 measurement
1967
-211

Recorded By _____ Date Record Collected or Updated - 02/20/2003

Reporting Agency 01

REMARKS -
TWDB Report 178: 30 ft. of screen
between 404 and 444 ft.

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER, LOWER

Thursday, September 14, 2006

Well Number - 6521328



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 293 Distance from Property: 4.07 mi. W

ID NUMBER: TX205984
STATE ID : 65-21-2
OWNER NAME: CHIP BRYAN
DATE DRILLED: 03/20/1996
DEPTH DRILLED: 310'
STATIC LEVEL: 185'
WATER USAGE: DOMESTIC
LONGITUDE: -95.420293000
LATITUDE: 29.750869000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205984

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side		State of Texas WELL REPORT		Texas Water Well Drillers Advisory Council P.O. Box 13087 Austin, TX 78711-3087 512-239-0530																			
1) OWNER <u>Chip Bryant</u> (Name)		ADDRESS <u>2938 DelMonte Houston TX 77019</u> (Street or RFD) (City) (State) (Zip)																					
2) ADDRESS OF WELL: County <u>Harris</u> <u>2938 DelMonte Houston TX 77019</u> (Street, RFD or other) (City) (State) (Zip)		GRID # <u>65-21-2</u>																					
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No		5) <u>✓</u>																			
6) WELL LOG: Date Drilling: <u>3-19-96</u> Started <u>3-19-96</u> Completed <u>3-20-96</u>		DIAMETER OF HOLE Dia. (in.) From (ft.) To (ft.) <u>6 3/4</u> Surface <u>300</u> <u>3 7/8</u> <u>300</u> <u>310</u>		7) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____																			
From (ft.) To (ft.) Description and color of formation material		8) Borehole Completion (Check): <input type="checkbox"/> Open Hole <input type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give interval ... from _____ ft. to _____ ft.																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>0</td><td>37</td><td>TOP SOIL & CLAY</td></tr> <tr><td>37</td><td>64</td><td>SURFACE SAND</td></tr> <tr><td>64</td><td>158</td><td>CLAY</td></tr> <tr><td>158</td><td>210</td><td>SAND</td></tr> <tr><td>210</td><td>238</td><td>CLAY</td></tr> <tr><td>238</td><td>310</td><td>SAND</td></tr> </table>		0	37	TOP SOIL & CLAY	37	64	SURFACE SAND	64	158	CLAY	158	210	SAND	210	238	CLAY	238	310	SAND	CASING, BLANK PIPE, AND WELL SCREEN DATA: Dia. (in.) New or Used Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial Setting (ft.) From To Gage Casting Screen <u>4</u> <u>N</u> <u>PVC</u> <u>0</u> <u>300</u> <u>2</u> <u>N</u> <u>GALVANIZED</u> <u>295</u> <u>300</u> <u>2</u> <u>N</u> <u>PVC SCREEN</u> <u>300</u> <u>310</u> <u>.012</u>			
0	37	TOP SOIL & CLAY																					
37	64	SURFACE SAND																					
64	158	CLAY																					
158	210	SAND																					
210	238	CLAY																					
238	310	SAND																					
13) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowls, cylinder, jet, etc., <u>240</u> ft.		9) CEMENTING DATA [Rule 338.44(1)] Cemented from <u>0</u> ft. to <u>15</u> ft. No. of sacks used <u>7</u> <u>250</u> ft. to <u>300</u> ft. No. of sacks used <u>3</u> Method used <u>HALL: button / TRIMME</u> Cemented by <u>BUSSELL & SON INC</u> Distance to septic system field lines or other concentrated contamination _____ ft. Method of verification of above distance _____																					
14) WELL TESTS: Type test: <input type="checkbox"/> Pump <input type="checkbox"/> Bailor <input checked="" type="checkbox"/> Jetted <input checked="" type="checkbox"/> Estimated Yield: <u>40</u> gpm with _____ ft. drawdown after _____ hrs.		10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Slab Installed [Rule 338.44(2)(A)] <input checked="" type="checkbox"/> Specified Steel Sieve Installed [Rule 338.44(3)(A)] <input type="checkbox"/> Pitless Adapter Used [Rule 338.44(3)(b)] <input type="checkbox"/> Approved Alternative Procedure Used [Rule 338.71]																					
15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input type="checkbox"/> No		11) WATER LEVEL: Static level <u>185</u> ft. below land surface Date <u>3-20-96</u> Artesian flow _____ gpm. Date _____																					
		12) PACKERS: Type Depth <u>R-PACKER</u> <u>295</u>																					
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.																							
COMPANY NAME <u>Bussell & Son Inc.</u> (Type or print)		WELL DRILLER'S LICENSE NO. <u>8035</u>																					
ADDRESS <u>PO Box 874</u> (Street or RFD)		<u>Tomball</u> (City)		<u>TX 77377-0874</u> (State) (Zip)																			
(Signed) <u>Craig D. Bussell</u> (Licensed Well Driller)		(Signed) _____ (Registered Driller Trainee)																					
Please attach electric log, chemical analysis, and other pertinent information, if available.																							



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 294 Distance from Property: 4.07 mi. NE

STATE ID: **65-14-514**
OWNER'S NAME: **PITTSBURGH PLATE GLASS CO.**
DATE DRILLED: **05/08/1963**
DEPTH DRILLED: **1125'**
WATER USAGE: **INDUSTRIAL**
LONGITUDE: **-95.299120000**
LATITUDE: **29.796090000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514514/6514514.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 5
State ID: 65-14-514

FORM NO. 28

65-14-514 Plotted 1025

LAYNE TEXAS COMPANY
HOUSTON -- DALLAS
WELL LOG

REPORT NO. 6381
S. O. 2408-63
PAGE 1 OF 2
FILE NO. 2770
DATE 6/4/63

CUSTOMER LOCATION		WELL DATA	
FOR PITTSBURG PLATE GLASS COMPANY		NAME WELL	WELL NO. 2
LOCATION WELL 6621 OLD LIBERTY ROAD		ELEVATION	DATUM
SURVEY		RT	
FIELD		TEST HOLE SIZE 9-7/8" C TO 7-7/8" IGR	1218'
COUNTY HARRIS	STATE TEXAS	DATE STARTED DRILLING	5-3-63
OTHER LAND MARKS		DATE FINISHED DRILLING	5-8-63
		DRILLER O. GUTZMANN	RIG NO. 17
		TYPE MUD CLAY & GEL	NO. SACKS 13
		ELECTRIC LOG YES	TYPE WIDCO
		SURVEY EASTMAN	TYPE SINGLE-SHOT
		OTHER	

OK

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES		
			DEPTH	TYPE	NUMBER
0		SURFACE			
7	7	TOP SOIL			
50	43	WHITE & RED CLAY			
62	12	CLAY & SAND STREAKS			
87	25	SANDY CLAY & CLAY			
141	54	SHALE & SANDY SHALE			
153	12	SAND			
173	20	BLUE SHALE			
210	37	SAND & GRAVEL			
255	45	SHALE & CLAY			
275	20	SANDY SHALE			
285	10	SAND			
313	28	CLAY			
323	10	SANDY SHALE			
355	32	SAND			
380	25	SANDY SHALE & SAND			
407	27	SHALE			
417	10	SAND			
515	98	CLAY & SANDY CLAY			
540	25	SAND, GRAVEL & CLAY			
554	14	SAND, GRAVEL & CLAY			
575	21	CLAY			
592	17	SHALE & SAND STREAKS			
618	26	SAND			
703	85	SHALE			
729	26	SAND			
842	113	SAND (BROKEN)			
898	56	SAND			
902	4	SHALE			
912	10	COARSE SAND, GRAVEL & CLAY			
955	43	SHALE			
973	18	SAND & HARD STREAKS			
984	11	SHALE			
997	13	SAND			
1029	32	SHALE			
1077	48	SAND & STREAKS OF SHALE			
1083	6	SANDY SHALE			
1100	17	SAND-BROKEN			
1168	60	SANDY SHALE & SHALE			

65-14-514



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 3 out of 5
 State ID: 65-14-514

FORM NO. 28

LAYNE TEXAS COMPANY
 HOUSTON -:- DALLAS
 WELL LOG

REPORT NO. 6381
 S. O. 2408-63
 PAGE 2 of 2
 FILE NO. 2770
 DATE 6/4/63

CUSTOMER LOCATION FOR PITTSBURG PLATE GLASS COMPANY LOCATION WELL 6621 OLD LIBERTY ROAD SURVEY FIELD COUNTY HARRIS STATE TEXAS OTHER LAND MARKS		WELL DATA NAME WELL WELL NO. 2 ELEVATION DATUM RT C 7-7/8" GR TEST HOLE SIZE 9-7/8" & TO 1218' DATE STARTED DRILLING 5-3-63 DATE FINISHED DRILLING 5-8-63 DRILLER O. GUTZMANN RIG NO. 17 TYPE MUD CLAY & GEL NO. SACKS 13 ELECTRIC LOG YES TYPE WIDCO SURVEY EASTMAN TYPE SINGLE-SHOT OTHER	
--	--	--	--

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES	
			DEPTH	TYPE NUMBER
1168				
1188	20	SAND (CUT GOOD)		
1205	17	SAND (BROKEN)		
1218	13	SHALE		
T.D. 1218 FT.				

ATTACH:
 4 pages
 WWW 65-14-5A
 514

TD 1125 60 916



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 5 out of 5
State ID: 65-14-514

MICROBIOLOGY SERVICE LABORATORIES

RI 7-7271
~~RI 7-9170~~

analytical chemists . . . microbiologists

13 June 1963

To: Layne Texas Company
Houston 11, Texas

SO 2408-63

Houston 21, Texas
4820 Old Spanish Trail

Sample marked: Pittsburgh Plate Glass Co., Houston, Harris Cty, Texas. Taken: 6-8-63
after 24 Hrs. pumping at 1022 gpm with Test Pump. Static Head: [10 min.] 265'.
Pumping Level: 322'. Water clear. C. M. Bryant. Water Temp. 80°F

Received: 6-10-63. Sample had small amt. rust colored sediment.

WATER ANALYSIS
results in parts per million (mg/l) except as noted

Dissolved Residue at 105°C		273	Conductance, micromhos/cm, 25°C	470
Total Dissolved Solids, actual†		400	Color, units	< 5
Total Dissolved Solids, calc.		402	Turbidity, units	ND
Silica	SiO ₂	15	As Calcium Carbonate, CaCO ₃ :	
Iron and Aluminum Oxides	R ₂ O ₃	0	Phenolphthalein Alkalinity	0
Calcium	Ca	21	Total Alkalinity	204
Magnesium	Mg	5	Total Hardness	73
Sodium (diff.) Na+K as	Na	80	Free Carbon Dioxide CO ₂	0
Carbonate	CO ₃	0	pH . . .	8.25
Bicarbonate	HCO ₃	249	HYPOTHETICAL COMBINATIONS	
Sulfate	SO ₄	4	Calcium Bicarbonate	85
Chloride	Cl	28	Magnesium Bicarbonate	30
Total Iron	Fe	0.13	Sodium Bicarbonate	220
Dissolved Iron	Fe	< 0.05	Sodium Sulfate	6
			Sodium Chloride	46
			SiO ₂ +R ₂ O ₃	15
			Total Dissolved Solids, calc.	402

† Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO₃) ion

Microbiology Service Laboratories

3890

By: *[Signature]*
Edna Wood

65-14-514

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 294 Distance from Property: 4.07 mi. NE

STATE ID: 65-14-510
OWNER'S NAME: PITTSBURGH PLATE GLASS CO.
DATE DRILLED: 00/00/1940
DEPTH DRILLED: 637'
WATER USAGE: UNUSED
LONGITUDE: -95.299150000
LATITUDE: 29.796080000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514510/6514510.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-510

TEXAS WATER DEVELOPMENT BOARD WELL SCHEDULE

State Well Number - 65 14 510 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - Latitude - 29 47 50 Longitude - 95 18 01 Source of Coords - 1

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Pittsburgh Plate Glass Driller - Layne Texas Co.
Co.

Address _____ Tenant/Oper. _____

Date Drilled - / /1940 Depth - 637 ft. Source of Depth - L Altitude - 50 ft. Source of Alt. - M
Aquifer - 112GLFC GULF COAST AQUIFER Well Type - W User -

WELL CONSTRUCTION	Const. Method - _____	Casing Material - _____	Casing or Blank Pipe (C)
		Screen Material - _____	Well Screen or Slotted Zone (
	Completion - _____		Open Hole (O)
			Cemented from _____ to _____

LIFT DATA -	Pump Mfr. _____	Type - NONE	No. Stages _____	
	Bowls Diam. - _____ in.	Setting - _____ ft.	Column Diam. - _____ in.	Diam. _____ Setting(feet)
				(in.) From To

Motor Mfr. - _____	Fuel or Power - _____	Horsepower - _____	
--------------------	-----------------------	--------------------	--

YIELD Flow- _____ GPM	Pump- _____ GPM	Meas., Rept., Est- _____	Date- _____	
-----------------------	-----------------	--------------------------	-------------	--

PERFORMANCE TEST Date- _____	Length of Test- _____	Production- _____ GPM
------------------------------	-----------------------	-----------------------

Static Level- _____ ft.	Pumping Level- _____ ft.	Drawdown- _____ ft.	Sp.Cap.- _____ GPM/ft	
-------------------------	--------------------------	---------------------	-----------------------	--

QUALITY (Remarks- _____) 10|

WATER USE Primary- UNUSED	Secondary- _____	Tertiary- _____
---------------------------	------------------	-----------------

OTHER DATA AVAILABLE Water Levels- M Quality- N Logs- E Other Data- 14|

WATER LEVELS Date- 06/21/1940	Measurement- -90.00	
Date- / /	Measurement-	

Recorded By _____ Date Record Collected or Updated- / / 18|

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY 19|

REMARKS - _____ -----

Aquifer - 112GLFC
Well No. - 65 14 510



HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 294 Distance from Property: 4.07 mi. NE

WELL ID: **1675**
OWNERS NAME: **PPG INDUSTRIES, INC.**
YEAR DRILLED: **1963**
DEPTH DRILLED: **1125'**
STATIC LEVEL: **850'**
WATER USAGE: **INDUSTRIAL**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.299167000**
LATITUDE: **29.796111000**
SOURCE: **HGSD**



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 295 Distance from Property: 4.07 mi. WNW

ID NUMBER: TX208722
STATE ID : N/A
OWNER NAME: J.D. PETERS
DATE DRILLED: 11/08/1972
DEPTH DRILLED: 370'
STATIC LEVEL: 92'
WATER USAGE: DOMESTIC
LONGITUDE: -95.408524000
LATITUDE: 29.794405000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 208722

Send original copy by certified mail to the Texas Water Development Board, P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

For EMDB use only
Well No. _____
Located on map NO
Received: 1/7

1) OWNER:
Person having well drilled J. D. Peters Address 1101 W 13th City Tex Houston State Tex
Landowner SAME Address SAME City _____ State _____

2) LOCATION OF WELL:
County HARRIS miles in _____ direction from Houston (Town)
Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*
1101 W 13th Houston North
Texas 77008
(Use reverse side if necessary)

3) TYPE OF WORK (Check):
New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic Industrial Municipal Other Irrigation Test Well

5) TYPE OF WELL (Check):
Rotary Driven Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6 1/2 in. Depth drilled 370 ft. Depth of completed well 370 ft. Date drilled 11/8/72
All measurements made from 4 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	3	Top Soil
3	270	UNCONSOLIDATED SAND
270	278	SAND
354	365	UNCONSOLIDATED SAND
365	370	SAND

9) CASING:
Type: Old New Steel Plastic Other
Cemented from 220 ft. to 270 ft.

Diameter (inches)	From (ft.)	Setting To (ft.)	Cage
4	0	270	30
2	270	354	40

10) SCREEN:
Type SSR
Perforated Slotted

Diameter (inches)	From (ft.)	Setting To (ft.)	Slot Size
2	354	365	16

7) COMPLETION (Check):
Straight well Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 92 ft. below land surface Date 11/9/72
Artesian pressure 81 lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 106 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom? _____
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Tommy C. BUSSELL Water Well Drillers Registration No. 707
(Type or Print)

ADDRESS 9795 North Houston Rosslyn City Houston State Tex
(Street or RFD) (City) (State)

(Signed) Tommy C. Bussell (Water Well Driller) BUSSELL + Son Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.
*Additional instructions on reverse side.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 296 Distance from Property: 4.09 mi. SSE

ID NUMBER: TX204954
STATE ID : 65-22-1
OWNER NAME: PAN AFRICAN ORTHODOX CHRISTIAN CHURCH
DATE DRILLED: 07/20/1999
DEPTH DRILLED: 410'
STATIC LEVEL: 180'
WATER USAGE: IRRIGATION
LONGITUDE: -95.335590000
LATITUDE: 29.702784000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 204954

Send original copy by certified return receipt request to: TDLR, P.O. Box 12157, Austin, TX 78711

ATTENTION OWNER: <i>Confidentiality Privilege Notice on reverse side of Well Owner's copy (pink)</i>		State of Texas WELL REPORT		Texas Department of Licensing & Regulation P.O. Box 12157 Austin, TX 78711 512-463-7880																																		
1) OWNER <u>PAN AFRICAN ORTHODOX CHRISTIAN CHURCH</u> (Name) ADDRESS <u>5500 MARTIN LUTHER KING HOU. TX. 77048</u> (Street or RFD) (City) (State) (Zip)																																						
2) ADDRESS OF WELL'S LOCATION: County <u>HARRIS</u> <u>5320 MLK HOUSTON, TX. 77048</u> (Street, RFD or other) (City) (State) (Zip) Grid # <u>-65-22-1</u> Long. _____ Lat. _____																																						
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		(4) PROPOSED USE (Check): <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No		5) _____																																		
6) WELL LOG: Date Drilling: Started <u>7/19</u> 19 <u>99</u> Completed <u>7/20</u> 19 <u>99</u>		DIAMETER OF HOLE <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">Dia. (in.)</th> <th style="width: 15%;">From (ft.)</th> <th style="width: 15%;">To (ft.)</th> </tr> <tr> <td></td> <td>Surface</td> <td></td> </tr> <tr> <td><u>6 3/4</u></td> <td><u>0</u></td> <td><u>410</u></td> </tr> </table>		Dia. (in.)	From (ft.)	To (ft.)		Surface		<u>6 3/4</u>	<u>0</u>	<u>410</u>	7) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____																									
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<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">From (ft.)</th> <th style="width: 15%;">To (ft.)</th> <th style="width: 70%;">Description and color of formation material</th> </tr> </thead> <tbody> <tr><td>0</td><td>50</td><td>clay</td></tr> <tr><td>50</td><td>110</td><td>sand</td></tr> <tr><td>110</td><td>135</td><td>clay</td></tr> <tr><td>135</td><td>150</td><td>sand</td></tr> <tr><td>150</td><td>210</td><td>clay</td></tr> <tr><td>210</td><td>240</td><td>sand</td></tr> <tr><td>240</td><td>280</td><td>clay</td></tr> <tr><td>280</td><td>295</td><td>sand</td></tr> <tr><td>295</td><td>385</td><td>shale</td></tr> <tr><td>385</td><td>410</td><td>sand</td></tr> </tbody> </table>		From (ft.)	To (ft.)	Description and color of formation material	0	50	clay	50	110	sand	110	135	clay	135	150	sand	150	210	clay	210	240	sand	240	280	clay	280	295	sand	295	385	shale	385	410	sand	8) Borehole Completion (Check): <input type="checkbox"/> Open Hole <input type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input checked="" type="checkbox"/> Other <u>2 STRING</u> If Gravel Packed give interval from _____ ft. to _____ ft.			
From (ft.)	To (ft.)	Description and color of formation material																																				
0	50	clay																																				
50	110	sand																																				
110	135	clay																																				
135	150	sand																																				
150	210	clay																																				
210	240	sand																																				
240	280	clay																																				
280	295	sand																																				
295	385	shale																																				
385	410	sand																																				
CASING, BLANK PIPE, AND WELL SCREEN DATA:																																						
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9) CEMENTING DATA Cemented from <u>390</u> ft. to <u>90</u> ft. No. of sacks used <u>15</u> <u>0</u> ft. to <u>10</u> ft. No. of sacks used <u>11</u> Method used <u>HALLIBURTON</u> Cemented by <u>SWW</u> Distance to septic system field lines or other concentrated contamination <u>NA</u> ft. Method of verification of above distance <u>MUD</u>																																						
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I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the log(s) being returned for completion and resubmittal.																																						
COMPANY NAME <u>SCOTT WATER WELL SER. INC.</u> (Type or print) WELL DRILLER'S LICENSE NO. <u>4839 WI</u>		ADDRESS <u>11915 GREEN PINE CIRCLE HOUSTON, TX. 77066</u> (Street or RFD) (City) (State) (Zip)																																				
(Signed) <u>Scott Robinson</u> (Licensed Well Driller)		(Signed) <u>Edwin Lettier</u> (Registered Driller Trainee)																																				
Please attach electric log, chemical analysis, and other pertinent information, if available.																																						

TDLR FORM 001WWD (4/98)

White - TDLR Yellow - DRILLER Pink - WELL OWNER



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 296 Distance from Property: 4.09 mi. SSE

ID NUMBER: TX204955
STATE ID : 65-22-1
OWNER NAME: PAN AFRICAN ORTHODOX CHRISTIAN CHURCH
DATE DRILLED: 07/22/1999
DEPTH DRILLED: 445'
STATIC LEVEL: 180'
WATER USAGE: IRRIGATION
LONGITUDE: -95.335592000
LATITUDE: 29.702784000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 204955

Send original copy by certified return receipt requested to: TDLR, P.O. Box 12157, Austin, TX 78711

ATTENTION OWNER: Confidentiality Privilege Notice on reverse side of Well Owner's copy (pink)		State of Texas WELL REPORT		Texas Department of Licensing & Regulation P.O. Box 12157 Austin, TX 78711 512-463-7880	
1) OWNER <u>PAN AFRICAN ORTHODOX CHRISTIAN CHURCH</u> ADDRESS <u>5500 MARTIN LUTHER KING HOUSTON, TX 77048</u>					
2) ADDRESS OF WELL'S LOCATION: County <u>HARRIS</u> <u>5520 MLK HOUSTON, TX, 77048</u> Long. _____ Lat. _____					
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		(4) PROPOSED USE (Check): <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No		5) _____	
6) WELL LOG: Date Drilling: Started <u>7/21</u> 19 <u>99</u> Completed <u>7/22</u> 19 <u>99</u>		DIAMETER OF HOLE Dia. (in.) From (ft.) To (ft.) Surface _____ <u>6 3/4</u> <u>0</u> <u>445</u>		7) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____	
From (ft.) To (ft.) Description and color of formation material		8) Borehole Completion (Check): <input type="checkbox"/> Open Hole <input type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input checked="" type="checkbox"/> Other _____ If Gravel Packed give interval from _____ ft. to _____ ft.			
		CASING, BLANK PIPE, AND WELL SCREEN DATA:			
		Dia. (in.) New or Used Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial		Setting (ft.) Gage Casting Screen	
				From To	
		<u>4</u> <u>N</u> <u>PVC CASING</u>		<u>0</u> <u>425</u>	
		<u>2.5</u> <u>"</u> <u>"</u> <u>LINNER</u>		<u>375</u> <u>425</u>	
		<u>"</u> <u>"</u> <u>"</u> <u>SCREEN</u>		<u>425</u> <u>445</u> <u>.006</u>	
		9) CEMENTING DATA Cemented from <u>425</u> ft. to <u>125</u> ft. No. of sacks used <u>15</u> <u>0</u> ft. to <u>10</u> ft. No. of sacks used <u>10</u> Method used <u>HALLIBURTON</u> Cemented by <u>SWW</u> Distance to septic system field lines or other concentrated contamination <u>na</u> ft. Method of verification of above distance <u>MUD</u>			
13) <input type="checkbox"/> Well plugged within 48 hours		10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Slab Installed <input checked="" type="checkbox"/> Specified Steel Sleeve Installed <input type="checkbox"/> Pitless Adapter Used <input type="checkbox"/> Approved Alternative Procedure Used			
Casing left in well: _____ Cement/bentonite placed in well: _____ Sacks used: _____		11) WATER LEVEL: <u>180</u> Static level <u>180</u> ft. below land surface Date <u>7/22/99</u> Artesian flow _____ gpm. Date _____			
From (ft) To (ft) From (ft) To (ft)		12) PACKERS: _____ Type _____ Depth _____			
14) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowls, cylinder, jet, etc., <u>240</u> ft.		_____ <u>K-PACKER</u> <u>375</u>			
15) WELL TESTS: Type test: <input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Jetted <input type="checkbox"/> Estimated Yield: _____ gpm with _____ ft. drawdown after _____ hrs.		I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the log(s) being returned for completion and resubmittal.			
16) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		COMPANY NAME <u>SCOTT WATER WELL SER. INC.</u> WELL DRILLER'S LICENSE NO. <u>4839 WI</u>			
ADDRESS <u>11915 GREEN PINE CIR HOUSTON, TX, 77066</u>		(Signed) <u>Scott Robinson</u> (Licensed Well Driller) <u>Edwin Ritter</u> (Registered Driller Trainee)			
Please attach electric log, chemical analysis, and other pertinent information, if available.					

TDLR FORM 001WWD (4/98)

White - TDLR Yellow - DRILLER Pink - WELL OWNER



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 296 Distance from Property: 4.09 mi. SSE

WELL ID: 7507
OWNERS NAME: PAN AFRICAN ORTHODOX CHRISTIAN CHURCH
YEAR DRILLED: 1999
DEPTH DRILLED: 400'
STATIC LEVEL: 300'
WATER USAGE: AGRICULTURAL IRRIGATION
WELL STATUS: PLUGGED
LONGITUDE: -95.335592000
LATITUDE: 29.702784000
SOURCE: HGSD



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 297 Distance from Property: 4.10 mi. NNW

ID NUMBER: TX213288
STATE ID : N/A
OWNER NAME: NORTH GATE STATE BANK
DATE DRILLED: 03/30/1971
DEPTH DRILLED: 263'
STATIC LEVEL: 135'
WATER USAGE: BANK
LONGITUDE: -95.374707000
LATITUDE: 29.816645000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 298 Distance from Property: 4.10 mi. W

ID NUMBER: TX206102
STATE ID : 65-13-8
OWNER NAME: JIM KEMPNER
DATE DRILLED: 09/29/1988
DEPTH DRILLED: 480'
STATIC LEVEL: 262'
WATER USAGE: IRRIGATION
LONGITUDE: -95.420804000
LATITUDE: 29.750805000

2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 206102

STATE OF TEXAS WATER WELL REPORT

79

1) OWNER: KEMPNER, JIM ADDRESS: 3000 DEL MONTE CITY: HOUSTON STATE: TX ZIP: 77019
2) LOCATION OF WELL: County: HARRIS miles in W direction from HOUSTON

LEGAL DESCRIPTION: SEE ATTACHED MAP: 00111
Section No.: Block No.: Township:
Abstract No.: Survey Name:
Distance and direction from two intersecting section or survey lines:

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00111 DIAMETER OF HOLE 7) BOREHOLE METHOD:
DIAMETER FROM TO TWO STRING/LEAD SEAL
8.0 0 460 IF GRAVEL... FROM FT. TO FT.
5.0 460 480 FROM FT. TO FT.

DATE DRILLED: 09/29/88

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:
FROM TO DESCRIPTION DIA NEW/USED DESCRIPTION FROM TO GAGE CASING SCREEN
0 2 SOIL 5.0 N P.V.C. S.D.R.17 0 460
2 17 CLAY-WHITE 2.5 N STEEL, NEW, GALV. 456 464 LINER
17 19 SAND-WHITE-.006-.008 2.5 N STAINLESS - ROD BASE 464 476 .008
19 40 CLAY-RED 2.5 N STEEL, NEW, GALV. 476 480 S.T.N.
40 60 SAND-WHITE-.010-.012
60 180 CLAY-RED
180 208 SAND-WHITE-.010-.012
208 233 CLAY-RED

9) CEMENTING DATA:
Cemented from 190 FT. TO 460 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: ALMEDA WATER WELL

10) SURFACE COMPLETION:
APP. ALTER. PROCD.

11) WATER LEVEL:
STATIC LEVEL : 262 FT. DATE: 10/01/88
ARTESIAN FLOW: GPM. DATE:

RECEIVED
SEP 20 1989
TEXAS WATER COMMISSION

12) PACKERS: TYPE DEPTH

13) TYPE PUMP: 14) WELL TEST:
SUBMERSIBLE JETTED
DEPTH TO PUMP: 337 YIELD: 50 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 480 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843 : FOR TDWR USE ONLY
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578 : WELL NO. 65-13-8
: LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) John A. Johnson (signed) _____
(LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)

CWA



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 299 Distance from Property: 4.10 mi. SW

STATE ID: 65-21-307
OWNER'S NAME: HERMAN HOSPITAL
DATE DRILLED: 00/00/1937
DEPTH DRILLED: 417'
WATER USAGE: PUBLIC SUPPLY
LONGITUDE: -95.395559000
LATITUDE: 29.713529000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521307/6521307.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
State ID: 65-21-307

WRD Exp. (GW)
April 1966

Well No. J-65-21-307

WELL SCHEDULE
U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD

Record by S. D. McAdoo Source File Date 1-22-68 Map Belleaire 1955
 State Texas County Harris Sequential number 1
 Latitude: 29 42 50 N Longitude: 095 33 42 W
 Local well number: LJ-65-21-307 Other number: # 773
 Local use: _____
 Owner or name: HERMANN HOSPITAL Address: Houston, Texas
 Ownership: County, Fed Gov't, City, Corp of Co, Private, State Agency, Water Dist N
 Use of well: destroyed 1973
 DATA AVAILABLE: Well data 1 Freq. W/L meas.: ANNUAL Field aquifer char. A
 Hyd. lab. data: drop MIS 9-73
 Freq. sampling: none Pumpage inventory: _____
 Log data: D-Log

WELL-DESCRIPTION CARD

Depth well: 417 ft. Meas. Driller
 Depth cased: 366 ft. Casing type: S Dia. 10 1/2 in.
 Finish: porous gravel v. concrete, (perf.), (screen), gallery, end, horis. open perf., screen, sd. pt., shored, open hole, other G
 Method: air bored, cable, dug, hyd jetted, air reverse trenching, driven, drive wash, other H
 Date Drilled: Aug 1937 Pump intake setting: _____ ft.
 Driller: Loyne Texas Co., Houston, Texas
 Lift: (type): air, bucket, cent. jet, multiple, piston, rot, submerg, turb, other J Shallow D
 Power: (type): diesel, gas, gasoline, hand, gas, wind; H.P. 25 Trans. of meter no. _____
 Alt. LSD: 45 ft. above LSD, Alt. MP 45 ft. below LSD, Accuracy: TOPO 5'
 Date meas: _____ Yield: 260 gpm Method determined _____
 Drawdown: 36 ft. Accuracy: rept Pumping period _____ hrs.
 QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____
 Sp. Conduct _____ K x 10⁶ Temp. _____ Date sampled _____
 Taste, color, etc. _____

Well No. JT-65-21-307



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 2
State ID: 65-21-307

Well No. LJ-65-21-307

Latitude-longitude 29, 42, 50 5095, 23, 42, 1

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: Coastal Plain Section: 11002

C.C.D.F. Drainage Basin: ELPR Subbasin:

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp. (E) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system Q series CL aquifer, formation, group CL

Lithology: Origin: Aquifer Thickness: ft

Length of well open to: 29 ft Depth to top of: 4.9 ft

MINOR AQUIFER: system series aquifer, formation, group

Lithology: Origin: Aquifer Thickness: ft

Length of well open to: ft Depth to top of: ft

Intervals Screened: 366-415

Depth to consolidated rock: ft Source of data:

Depth to basement: ft Source of data:

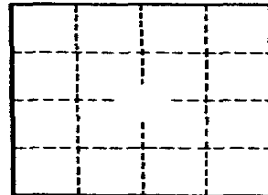
Surficial material: Infiltration characteristics:

Coefficient Trans: gpd/ft² Coefficient Storage:

Coefficient Fern: gpd/ft²; Spec cap: gpd/ft; Number of geologic cards:

0-292' = 10 3/4" CS9
272-417 = 5" CS9.

Well REWORKED IN 4-1-63
8" LINED INSTALLED - SAME DEPTH.



Well No. LJ-65-21-307

GPO 857-700

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 299 Distance from Property: 4.10 mi. SW

WELL ID: 2199
OWNERS NAME: HERMANN HOSPITAL ESTATE
YEAR DRILLED: 1963
DEPTH DRILLED: 417'
STATIC LEVEL: 366'
WATER USAGE: PUBLIC SUPPLY
WELL STATUS: PLUGGED
LONGITUDE: -95.395556000
LATITUDE: 29.713533000
SOURCE: HGSD



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 300 Distance from Property: 4.10 mi. ENE

STATE ID: **65-14-905**
OWNER'S NAME: **HOUSTON BAND MILL**
DATE DRILLED: **00/00/1950**
DEPTH DRILLED: **139'**
WATER USAGE: **INDUSTRIAL**
LONGITUDE: **-95.286440000**
LATITUDE: **29.774220000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514905/6514905.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-905

Texas Water Development Board Well Schedule

State Well Number 6514905 Previous Well Number _____ County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294630 Longitude 951711 Source of Coords 2

Owner's Well No. _____ Location _____
Owner Houston Band Mill Driller McMasters & Pomeroy

Address _____ Tenant/Oper. _____

Date Drilled / /1950 Depth 139 Source of Depth _____ Altitude 44 Source of Alt. _____
Well Type W User _____

WELL CONSTRUCTION Const-Method _____ Completion _____ Casing Material _____ Screen Material _____ Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - JET PUMP No. Stages _____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - INDUSTRIAL Secondary - _____ Tertiary - _____

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - _____ Other Data - _____

WATER LEVELS 1 measurement
1950
-68

Recorded By _____ Date Record Collected or Updated - 09/30/2002
Reporting Agency 01

REMARKS -
TWDB R178: Reported 15 ft. of screen.
Yield: 100 gpm when drilled.

Aquifer - 112CHCTU ID - 15
CHICOT
AQUIFER,UPPER

Well Number - 6514905

Wednesday, October 13, 2004



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SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 301 Distance from Property: 4.10 mi. W

TRACK #: 174612

DATE ENTERED: 2009-04-13

OWNER NAME: TYNE SPARKS BUILDERS

OWNER ADDRESS: 2960 LAZY LANE
HOUSTON, TX

COUNTY: HARRIS

LATITUDE: 29.754723000 LONGITUDE: -95.421111000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=174612&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2005-01-19

DRILLING DATE (COMPLETED): 2005-01-21

DEPTH DRILLED: 392'

WATER LEVEL:

STATIC LEVEL: 193'

WATER LEVEL DATE: 2005-01-21

TYPE OF WATER: GOOD

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: ALMEDA WATER WELL SERVICE

COMPANY ADDRESS: P.O. BOX 266
MANVEL, TX 77578



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 302 Distance from Property: 4.11 mi. N

STATE ID: **65-14-439**

OWNER'S NAME: **GIFFORD HILL**

DATE DRILLED: **08/19/1974**

DEPTH DRILLED: **552'**

WATER USAGE:

LONGITUDE: **-95.358280000**

LATITUDE: **29.819670000**

SOURCE: **TWDB**

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514439/6514439.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
State ID: 65-14-439

April 1966

WELL SCHEDULE
U. S. DEPT. OF THE INTERIOR
GEOLOGICAL SURVEY

65-14-439
WATER RESOURCES DIVISION

MASTER CARD

Record by H. PETERS Source of data Driller Date 11-23-76 Map

State TEXAS County 418 HARRIS Sequential number: 1

Latitude: 29° 49' 17" N Longitude: 95° 21' 30" W

Local well number: 65-14-439 Other number: _____

Local use: _____ Owner of name: Gifford-Hill American, Inc.

Owner or name: GIFFORD HILL Address: Irvington

Ownership: County (C), Fed Gov't, City, Corp or Co, Private (P), State Agency, Water Dist (W) N

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (B) Stock, Instit, Unused, Reprassure, Recharge, Desal-P S, Desal-other, Other N

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. (W) W

DATA AVAILABLE: Well data Freq. W/L meas.: Field aquifer char.

Hyd. lab. data: _____

Qual. water data: type: _____

Freq. sampling: NONE Pumpage inventory: yes no period: _____

Aperture cards: _____ yes no

Log data: D-Log 0-526' D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 552 ft. Meas. 552 ft. Driller

Depth cased: 490 ft. Casing type: Steel; Diam. 6-4 in.

Finish: porous gravel w. gravel v. horiz. open perf., screen, sd. pt., shored, open hole, other S

Method drilled: (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other H

Date drilled: 8-19-74 Pump intake setting: 354 ft.

Driller: Bussell & Son, Inc. Houston, Tx

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. Trans. or meter no. _____

Descrip. MP _____ ft above _____ ft below LSD, Alt. MP _____

Alt. LSD: 64 Accuracy: topo 5'

Water Level: 264 ft above MP; Ft above LSD: 264 Accuracy: Rept-Driller

Date meas: 8-23-74 Yield: _____ gpm Method determined

Drawdown: _____ ft Accuracy: _____ Pumping period: _____ hrs

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled _____

Taste, color, etc. _____

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 2
State ID: 65-14-439

Well: 65 65-14 439

Latitude-longitude N
S

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: COASTAL PLAIN Section: 0:3

Drainage Basin: SIR Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp. (E) (F) (H) (K) (L) (G) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series _____ Chicot aquifer, formation, group C

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: 32 ft Depth to top of: 32 ft

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: 490-504' 508-526'

Depth to consolidated rock: _____ ft Source of data: _____

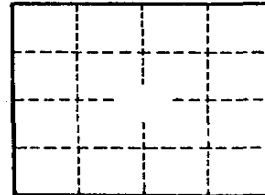
Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

Coefficient Perm: _____ spd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

6" Csg 0-454
4" Csg 454-526
Cemented 0-454'



Well No.

GPO 857-700

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 302 Distance from Property: 4.11 mi. N

WELL ID: 2017
OWNERS NAME: GIFFORD-HILL & COMPANY, INC.
YEAR DRILLED: 1967
DEPTH DRILLED: 560'
STATIC LEVEL: 460'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.358279000
LATITUDE: 29.819682000
SOURCE: HGSD



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 303 Distance from Property: 4.11 mi. NW

WELL ID: 3707
OWNERS NAME: HOUSTON, CITY OF
YEAR DRILLED: 1988
DEPTH DRILLED: 612'
STATIC LEVEL: 350'
WATER USAGE: PUBLIC SUPPLY
WELL STATUS: PLUGGED
LONGITUDE: -95.406063000
LATITUDE: 29.798215000
SOURCE: HGSD



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 303 Distance from Property: 4.11 mi. NW

STATE ID: 65-13-627
OWNER'S NAME: CITY OF HOUSTON, HEIGHTS, WELL #7A
DATE DRILLED: 09/00/1979
DEPTH DRILLED: 1465'
WATER USAGE: PUBLIC SUPPLY
LONGITUDE: -95.406070000
LATITUDE: 29.798210000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513627/6513627.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 303 Distance from Property: 4.11 mi. NW

STATE ID: 65-13-608
OWNER'S NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1936
DEPTH DRILLED: 1458'
WATER USAGE: UNUSED
LONGITUDE: -95.406070000
LATITUDE: 29.798230000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513608/6513608.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 3
State ID: 65-13-608

WRD Exp. (GW)
April 1966

Well No. LJ-65-13-608

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD

Record by MCADOO Source File Date 2-16-60 Map Houston Heights 1955
 State Texas County Harris Sequential number 1
 Latitude: 29 deg 47 min 52 sec N Longitude: 09 deg 52 min 42 sec W
 Local well number: LJ-65-13-608 Other number: #7 1412
 Local use: _____ Owner or name: CITY OF HOUSTON Address: Heights Plant
 Ownership: County, Fed Gov't., City, Corp or Co, Private, State Agency, Water Dist M
 Use of water: Air cond, Bottling, Comm, Dewster, Power, Fire, Dom, Irr, Mad, Ind, P S, Rec, Stock, Instit, Unused, Reprassure, Recharge, Desal-P S, Desal-other, Other abd. 1974
 Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, U
 DATA AVAILABLE: Well data 6 Freq. W/L meas.: Annual Field aquifer char. A
 Hyd. lab. data: _____
 Qual. water data: type: _____
 Freq. sampling: 5-8-39 Pumpage inventory: A yes no. period: _____
 Aperture cards: _____ yes no
 Log data: E-log T-20

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1458 ft 1458 Meas. accuracy Driller
 Depth cased: 561 ft 561 Casing Type: 5 : Diam. 25-13 in 35
 Finish: porous concrete, gravel v. (perf.), gravel w. (screen), horiz. gallery, open end, (F) (H) (G) (P) (S) (T) (N) (K) (B)
 Method: drilled (A) (B) (C) (D) (H) (J) (P) (R) (T) (V) (W) (Y) (Z)
 Date Drilled: 1936 936 Pump intake setting: _____ ft _____
 Driller: Layne Texas Co. Houston, Texas
 Lift (type): T (A) (B) (C) (J) multiple, multiple, none, piston, rot, submerg, turb, other D
 Power (type): W (type): gas (type): 150 W Trans. of meter no. _____
 Descrip. MP _____ ft above _____ ft below LSD. Alt. MP _____
 Alt. LSD: 69 69 Accuracy: Topo 5'
 Water Level: 81.9 ft above MP; Ft below LSD: 82 Accuracy: driller
 Data meas: 4-16-37 437 Yield: 3050 gpm 3050 Method determined _____
 Drawdown: 63 ft 63 Accuracy: rept. 3 Pumping period _____
 QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____
 Sp. Conduct _____ K x 10⁶ _____ Temp. _____ Date sampled _____
 Taste, color, etc. _____

PL 144.9
51.7
630

Well No. LJ-65-13-608

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 3
State ID: 65-13-608

Well No. LJ-65-13-608

Latitude-longitude 29 47 52 N 95 24 21 W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: Coastal Plain Section: 03

Drainage Basin: F Subbasin: 51/P

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp. (E) (F) (W) (K) (L) (S) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series T aquifer, formation, group E

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: 591 ft Depth to top of: _____ ft

MJOR AQUIFER: system _____ series 0 aquifer, formation, group C/L

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: * 561-1454

Depth to consolidated rock: _____ ft Source of data: _____

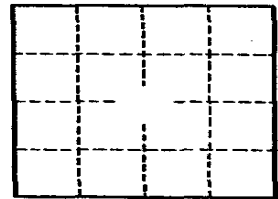
Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ spd/ft Coefficient Storage: _____

Coefficient Perm: _____ spd/ft²; Spec cap: spm/ft; Number of geologic cards: _____

- * Screen:
- 561-651 90
 - 703-778 15
 - 798-848 50
 - 879-912 33
 - 992-1271 299
 - 1352-1384 32
 - 1422-1454 32



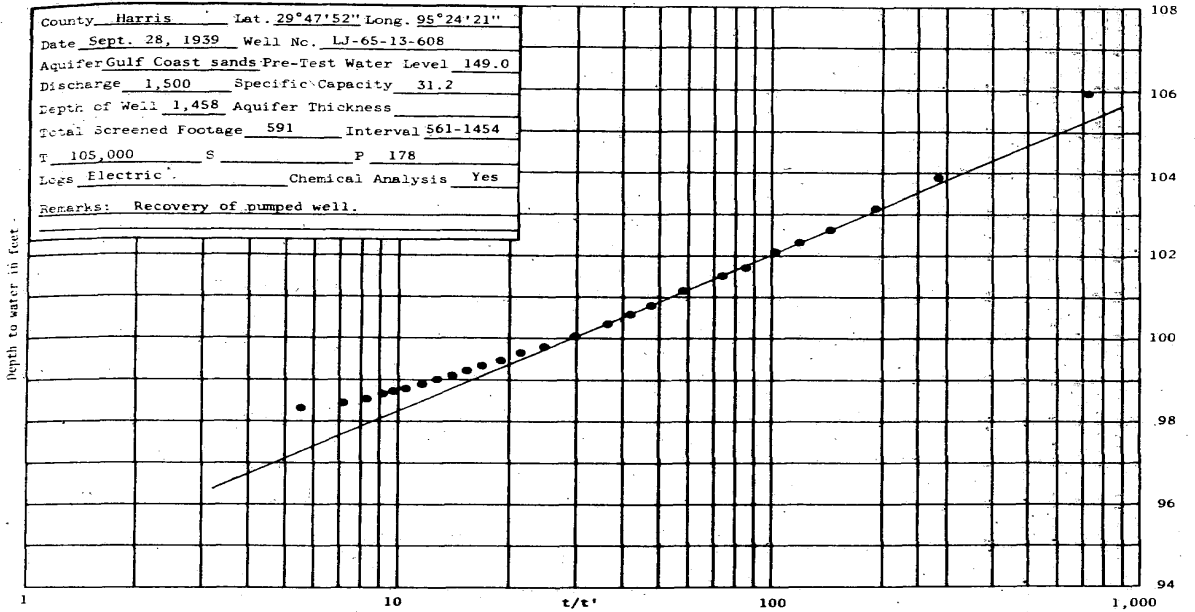
C89 -
25" - 0-459
13" - ?

Well No. LJ-65-13-608

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 3 out of 3
 State ID: 65-13-608



WATER UTILITY DATABASE (WUD)

MAP ID# 303 Distance from Property: 4.11 mi. NW

PWSID: 1010013
SOURCE ID: G1010013Q
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 09/00/1979
SCREEN BOTTOM: 1,450.00'
SCREEN TOP: 700.00'

GALLONS
PER MINUTE: 2,010
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.405929570
LATITUDE: 29.798229220

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 303 Distance from Property: 4.11 mi. NW

ID NUMBER: TX205359
STATE ID : 65-13-6J
OWNER NAME: CITY OF HOUSTON
DATE DRILLED: 07/??/1979
DEPTH DRILLED: 1465'
STATIC LEVEL: 402'
WATER USAGE: PUBLIC SUPPLY
LONGITUDE: -95.406092000
LATITUDE: 29.798228000

4 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 4
Water Well ID: 205359

DRILLER'S LOG

Job M-761
Layne-Western Company, Inc.
Sept. 1979

Page 1
Well Number 7
City of Houston

0- 2	Top Soil
2- 36	Sand & Clay
36- 90	Clay & Sand Stks.
90-134	Sand-Shale
134-228	Shale-Hard Sand Stks.
228-248	Red Sand-Shale
248-260	Sand w/few Shale Stks.
260-265	Shale-Sand
305-308	Sand & Shale
308-315	Sand & Gravel
315-322	Hard Shale & Limestone
322-339	Sand & Gravel
339-346	Shale-Limestone
346-362	Sand
362-375	Sandy Shale
375-385	Sand
385-400	Shale-Limestone
400-430	Sand-Shale Stks.
430-454	Shale-Limestone
454-480	Sandy Shale
480-530	Shale-Sand Stks.
530-555	Med-Hard Shale
555-567	Sandy Clay
567-572	Sand-Clay Stks.
572-630	Sand-Shale Stks.-Clay
630-649	Sand-Shale Stks.
649-652	Shale
652-658	Sandy Shale
658-661	Shale-Sand Stks.
661-665	Sand
665-750	Sand-Shale-Gravel
750-779	Sand-Shale
779-811	Sandy Shale-Limestone
811-842	Sand Shale Stks.

65-13-101T

DRILLER'S LOG

Job M-761
Layne-Western Company, Inc.
Sept. 1979

City of Houston
Well Number 7
Page 2

842-858	Shale
858-878	Clay & Sand
878-884	Limestone
884-899	Sandy Clay
899-915	Hard Shale-Limestone
915-938	Sandy-Clay
938-1003	Sticky Clay
1003-1018	Sand-Limestone
1018-1080	Clay-Limestone-Shale
1080-1210	Limestone Strks.-Shale
1210-1224	Limestone
1224-1300	Sand-Limestone Strks.
1300-1340	Shale Strks.-Sandy Clay
1340-1345	Sand
1345-1348	Clay
1348-1355	Sand
1355-1358	Limestone
1358-1395	SandyShale-Limestone
1395-1405	Sand
1405-1410	Sandy Shale-Limestone
1410-1418	Sand-Sandy shale
1418-1450	Sand Shale-Limestone
1450-1518	Shale-Sand Strks.
1518-1550	Sand

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 3 out of 4
Water Well ID: 205359



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 4 out of 4
Water Well ID: 205359

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711		State of Texas WATER WELL REPORT		For TDWR use only Well No. <u>65-13-60</u> Located on map. <u>YES</u> Received: <u>TH</u>																																	
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side																																					
1) OWNER <u>City of Houston</u> <small>(Name)</small>		Address <u>P.O. Box 1562</u> <u>Houston</u> <u>Texas</u> <u>77001</u> <small>(Street or RFD) (City) (State) (Zip)</small>																																			
2) LOCATION OF WELL: County <u>Harris</u> <u>3.5</u> miles in <u>N.W.</u> direction from <u>Houston City Hall</u> <small>(N.E., S.W., etc.) (Town)</small>																																					
Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.																																					
<input type="checkbox"/> Legal description: <u>Corner W.15th St. and Herkimer</u> Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____ Distance and direction from two intersecting section or survey lines <u>100'E of Well No. 65-13-608</u> <input checked="" type="checkbox"/> See attached map.																																					
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Public Supply <input type="checkbox"/> Irrigation <input type="checkbox"/> Test Well <input type="checkbox"/> Other _____		5) DRILLING METHOD (Check): <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Air Hammer <input type="checkbox"/> Driven <input type="checkbox"/> Bored <input type="checkbox"/> Air Rotary <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____																																	
6) WELL LOG: Date drilled <u>7-79</u>		DIAMETER OF HOLE <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <tr> <th>Dia. (in.)</th> <th>From (ft.)</th> <th>To (ft.)</th> </tr> <tr> <td>30</td> <td>Surface</td> <td>695</td> </tr> <tr> <td>34</td> <td>695</td> <td>1,465</td> </tr> </table>		Dia. (in.)	From (ft.)	To (ft.)	30	Surface	695	34	695	1,465	7) BOREHOLE COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Straight Wall <input checked="" type="checkbox"/> Underreamed <input checked="" type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give interval . . . from <u>695</u> ft. to <u>1465</u> ft.																								
Dia. (in.)	From (ft.)	To (ft.)																																			
30	Surface	695																																			
34	695	1,465																																			
From (ft.) To (ft.) Description and color of formation material		8) CASING, BLANK PIPE, AND WELL SCREEN DATA:																																			
SEE ATTACHED		<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th rowspan="2">Dia. (in.)</th> <th rowspan="2">New or Used</th> <th rowspan="2">Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial</th> <th colspan="2">Setting (ft.)</th> <th rowspan="2">Gage Casing Screen</th> </tr> <tr> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>24</td> <td>N</td> <td>Steel</td> <td>0</td> <td>695</td> <td>.500</td> </tr> <tr> <td>18</td> <td>N</td> <td>Steel</td> <td>616</td> <td>695</td> <td>.375</td> </tr> <tr> <td>14</td> <td>N</td> <td>Steel</td> <td>695</td> <td>1,465</td> <td>.375</td> </tr> <tr> <td>14</td> <td>N</td> <td>Screen, Howard Smith Stainless Steel Wire Wrapped, Net 424'</td> <td>702</td> <td>1,454</td> <td>.035</td> </tr> </tbody> </table>				Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen	From	To	24	N	Steel	0	695	.500	18	N	Steel	616	695	.375	14	N	Steel	695	1,465	.375	14	N	Screen, Howard Smith Stainless Steel Wire Wrapped, Net 424'	702	1,454	.035
Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen																																
			From	To																																	
24	N	Steel	0	695	.500																																
18	N	Steel	616	695	.375																																
14	N	Steel	695	1,465	.375																																
14	N	Screen, Howard Smith Stainless Steel Wire Wrapped, Net 424'	702	1,454	.035																																
CEMENTING DATA																																					
Cemented from <u>0</u> ft. to <u>695</u> ft. Method used <u>Pump & Plug</u> Cemented by <u>Halliburton Co.</u> <small>(Company or Individual)</small>																																					
9) WATER LEVEL: Static level <u>402</u> ft. below land surface Date <u>9-79</u> Artesian flow <u>0</u> gpm. Date _____																																					
10) PACKERS: Type Depth <u>NONE</u>																																					
11) TYPE PUMP: <input checked="" type="checkbox"/> Turbine <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowls, cylinder, jet, etc., <u>540</u> ft.																																					
13) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		12) WELL TESTS: <input type="checkbox"/> Type Test <input checked="" type="checkbox"/> Pump <input type="checkbox"/> Baller <input type="checkbox"/> Jetted <input type="checkbox"/> Estimated Yield: <u>2,118</u> gpm with <u>468</u> ft. drawdown after <u>48</u> hrs.																																			
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.																																					
NAME <u>James O'Connor</u> <small>(Type or Print)</small>		Water Well Drillers Registration No. <u>999</u>																																			
ADDRESS <u>5931 Brittmooore Rd.,</u> <u>Houston</u> <u>State</u> <u>77041</u> <small>(Street or RFD) (City) (State) (Zip)</small>																																					
(Signed) <u>James O'Connor</u> <small>(Water Well Driller)</small>		<u>LAYNE-WESTERN COMPANY, INC.</u> <small>(Company Name)</small>																																			
Please attach electric log, chemical analysis, and other pertinent information, if available.																																					

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 303 Distance from Property: 4.11 mi. NW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294752095242102**

STATION NAME: **LJ-65-13-627**

SITE TYPE: **GW**

LATITUDE: **29.798223000** LONGITUDE: **-95.406067000**

DATE DRILLED: **12/01/1979**

WELL DEPTH: **1465 feet**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 303 Distance from Property: 4.11 mi. NW

WELL ID: **3372**
OWNERS NAME:
YEAR DRILLED: **1936**
DEPTH DRILLED: **1458'**
STATIC LEVEL: **561'**
WATER USAGE: **PUBLIC SUPPLY**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.406067000**
LATITUDE: **29.798223000**
SOURCE: **HGSD**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 304 Distance from Property: 4.11 mi. W

WELL ID: 2727
OWNERS NAME: ALLBRITTON, JOE L.
YEAR DRILLED: 1977
DEPTH DRILLED: 400'
STATIC LEVEL: 370'
WATER USAGE: OTHER
WELL STATUS: PLUGGED
LONGITUDE: -95.421534000
LATITUDE: 29.753565000
SOURCE: HGSD



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WATER UTILITY DATABASE (WUD)

MAP ID# 305 Distance from Property: 4.12 mi. NW

PWSID: 1010013
SOURCE ID: G1010013GY
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1936
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.406669620
LATITUDE: 29.797222140

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 306 Distance from Property: 4.12 mi. W

STATE ID: 65-13-833
OWNER'S NAME: J. RAY MCDERMOTT
DATE DRILLED: 00/00/1969
DEPTH DRILLED: 633'
WATER USAGE: IRRIGATION
LONGITUDE: -95.421920000
LATITUDE: 29.756790000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513833/6513833.pdf>



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 306 Distance from Property: 4.12 mi. W

WELL ID: **3240**
OWNERS NAME: **MCDERMOTT, MRS. R. THOMAS**
YEAR DRILLED: **1969**
DEPTH DRILLED: **633'**
STATIC LEVEL: **593'**
WATER USAGE: **OTHER**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.421936000**
LATITUDE: **29.756793000**
SOURCE: **HGSD**



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SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 307 Distance from Property: 4.13 mi. SE

TRACK #: 174825

DATE ENTERED: 2009-04-15

OWNER NAME: FOREST PARK LAWNSDALE

OWNER ADDRESS: 6900 LAWNSDALE
HOUSTON, TX

COUNTY: HARRIS

LATITUDE: 29.715556000 LONGITUDE: -95.306945000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=174825&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2005-02-05

DRILLING DATE (COMPLETED): 2005-02-08

DEPTH DRILLED: 423'

WATER LEVEL:

STATIC LEVEL: 135'

WATER LEVEL DATE: 2005-02-08

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: O'DAY DRILLING CO., INC.

COMPANY ADDRESS: 2357 GARDEN ROAD
PEARLAND, TX 77581

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 308 Distance from Property: 4.13 mi. W

TRACK #: 204294

DATE ENTERED: 2010-01-11

OWNER NAME: TOM HOOKS

OWNER ADDRESS: 3005 DEL MONTE
HOUSTON, TX 77019

COUNTY: HARRIS

LATITUDE: 29.750278000 LONGITUDE: -95.421389000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=204294&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2009-06-23

DRILLING DATE (COMPLETED): 2009-08-23

DEPTH DRILLED: 400'

WATER LEVEL:

STATIC LEVEL: 205'

WATER LEVEL DATE: 2009-06-25

TYPE OF WATER: NOT TESTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: ALMEDA WATER WELL SERVICE

COMPANY ADDRESS: P.O. BOX 266
MANVEL, TX 77578



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 309 Distance from Property: 4.14 mi. WSW

ID NUMBER: TX196150
STATE ID : 65-21-2
OWNER NAME: DR. H.C. ROBINSON, JR.
DATE DRILLED: 08/30/1986
DEPTH DRILLED: 384'
STATIC LEVEL: 241'
WATER USAGE: DOMESTIC
LONGITUDE: -95.419397000
LATITUDE: 29.742760000

3 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 3
Water Well ID: 196150

HARRIS COUNTY # 11

#14

Send original copy by certified mail to the Texas Department of Water Resources, P. O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TDWR use only
Well No. 65-21-2
Located on map _____
Received: _____

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER DR. H.C. ROBINSON, JR. Address 1706 1ST CITY NATL BANK BLDG HOUSTON TX 77002
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County HARRIS Section 2 miles in NE direction from THE SOUTHWEST FREEWAY OFF KIRBY DR HOUSTON RIVER, OAKS
(N.E., S.W., etc.) (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map.

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging
 Domestic Industrial Public Supply Irrigation Test Well Other _____

4) PROPOSED USE (Check):
 Domestic Industrial Public Supply Irrigation Test Well Other _____

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored
 Air Rotary Cable Tool Jetted Other _____

6) WELL LOG:
Date drilled 8-30-86

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
4	Surface	330
2 1/2	330	384

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other INSIDE SET
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material	8) CASING, BLANK PIPE, AND WELL SCREEN DATA:		Gage Casing Screen
			Dia. (in.)	Setting (ft.)	
0	-3	SANDY LIGHT TOP SOIL	4	0-330	
3	-22	BROWNISH TO GRAY CLAY	2 1/2	330-374	
22	-30	FINE SAND VERY SOFT			
30	-50	RED-GRAY CLAY - MIXED			
50	-65	STRIPS OF SAND - WOOD PARTS			
65	-80	RED-TO GRAY CLAY			
80	-86	FAIR COURSE SAND			
86	-150	GRAY CLAY w/ STRIPS SAND + ROCK			
150	-181	GRAYISH CLAY			
181	-210	FAIR COURSE SAND + ROCK			
210	-228	GRAY CLAY			
228	-260	FAIR SAND w/ STRIPS OF CLAY			
260	-270	VERY STIFF CLAY - RED			
270	-280	FAIR COURSE SAND			
280	-310	SOFT STICKLY GRAY CLAY			
310	-332	SAND STRIPS TO CLAY			
332	-336	VERY COURSE SAND			
336	-350	HARD STIFF RED CLAY			
350	-384	VERY GOOD COURSE SAND			
		— BOTTOM OF WELL —			
		CLAY			

9) WATER LEVEL:
Static level 241 ft. below land surface Date 8-30-86
Artesian flow _____ gpm. Date _____

10) PACKERS: Type _____ Depth _____

11) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc., 307 ft.

12) WELL TESTS:
 Type Test: Pump Bailer Jetted Estimated
Yield: 30 gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER" _____
Type of water: VERY GOOD Depth of strata 384
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME CECIL L. ELLIS Water Well Drillers Registration No. 815
(Type or Print)

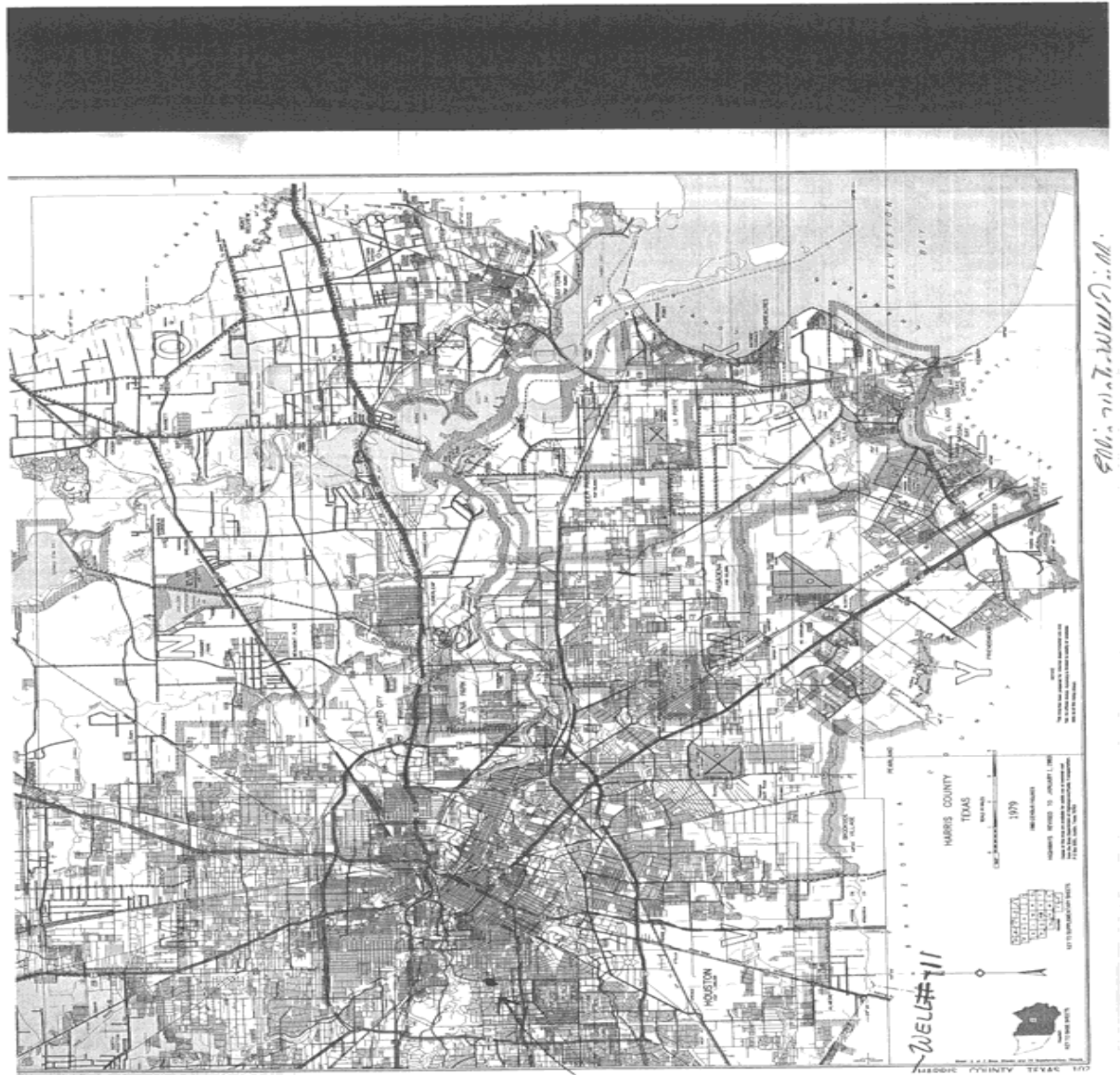
ADDRESS 13719 STAFFORD ROAD STAFFORD, TEXAS 77477
(Street or RFD) (City) (State) (Zip)

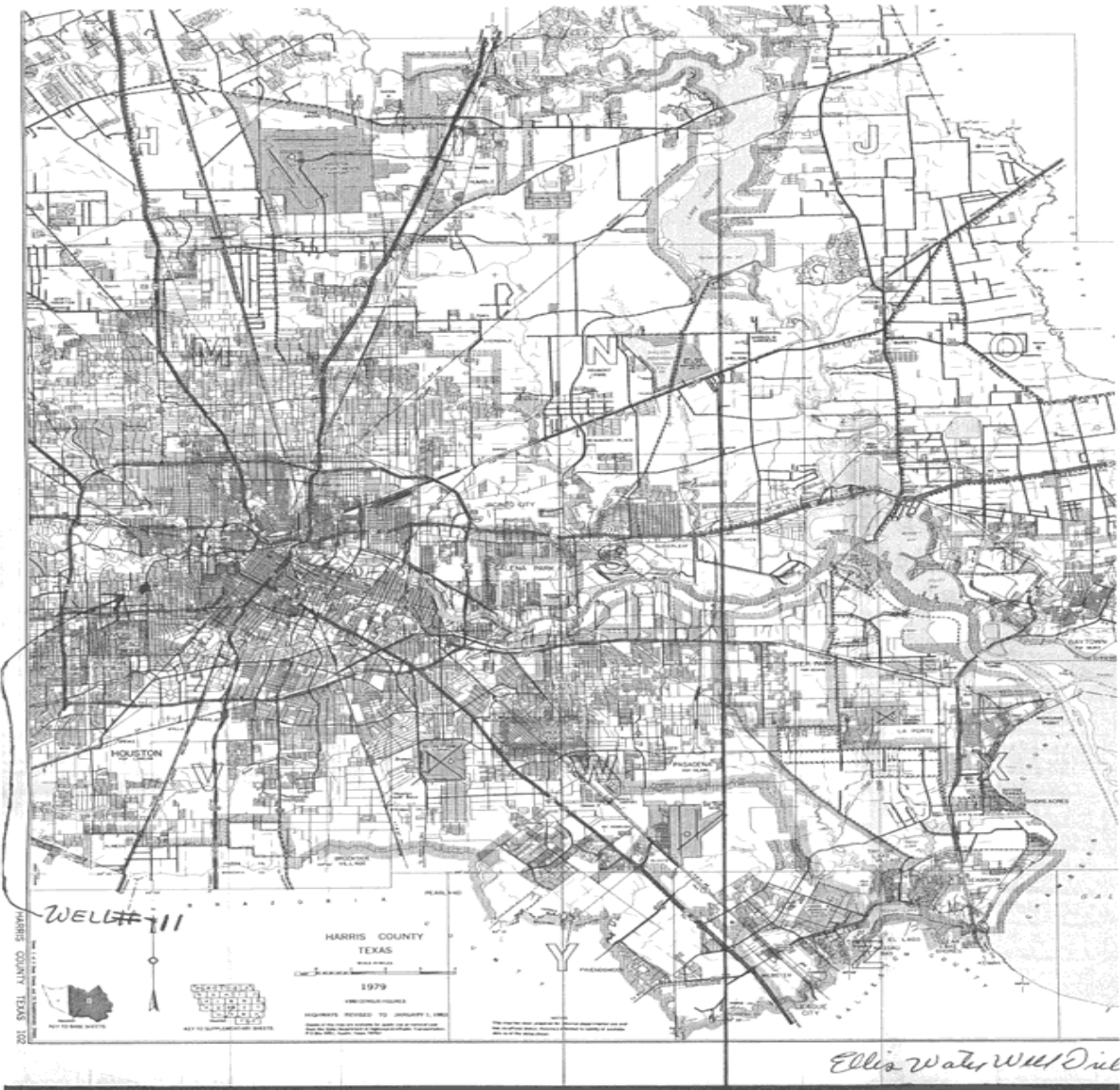
(Signed) Cecil L. Ellis ELLIS WATER WELL DRILLING
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 310 Distance from Property: 4.14 mi. SW

STATE ID: 65-21-303
OWNER'S NAME: CITY OF HOUSTON
DATE DRILLED: 07/15/1954
DEPTH DRILLED: 1822'
WATER USAGE: PLUGGED OR DESTROYED
LONGITUDE: -95.388810000
LATITUDE: 29.708700000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521303/6521303.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 7
State ID: 65-21-303

WRD Exp. (GW)
April 1966

Well No. W-65-21-303

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD T. Brown
RKG. (7-22-63) Source of data FILES Date 2-21-68 Map Bellaire 1955
 Record by M. J. N. (10-11-61)

State Texas County Harris City 48 Sequential number: 1
 Latitude: 29° 42' 30" N Longitude: 095° 23' 22" W
 Local well number: 48-65-21-303 Other number: SOUTHWOOD 2
 Local use: _____ Owner or name: CITY OF HOUSTON
 Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist M
 Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, Rec, Stock, Instit, Unused, Recharge, Desal-P S, Desal-other, Other P
 Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed W
 DATA AVAILABLE: Well data: 1 Freq. W/L meas.: Annual Field aquifer char. _____
 Hyd. lab. data: _____
 Qual. water data; type: _____
 Freq. sampling: 10-8-54 Pumpage inventory: A yes no. period: _____
 Aperture cards: _____
 Log data: LOG TO 2101 E-LOG AA-26

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1822 ft. Casing Type: S Mess. accuracy: Driller
 Depth cased; (first perf.): 680 ft. Casing Type: S Diam: 24-1/2 in.
 Finish: porous concrete, gravel w. concrete, (perfor.), gravel w. screen, horis. open perfor., screen, sd. pt., shored, other
 Method Drilled: air, bored, cable, dug, hyd, jetted, air percussion, rotary, reverse trenching, driven, drive wash, other
 Date Drilled: 7-15-54 Pump intake setting: _____ ft.
 Driller: EL PASO DRILLING CO., EL PASO, TEXAS
 Lift (type): air, bucket, cent., jet, multiple, multiple, none, piston, rot, submerg, curb, other T Shallow D
 Power (type): diesel, elec, nat, LP, gas, gasoline, hand, gas, wind; H.P. 250 Trans. or meter no. W
 Descrip. MP: BREATHER HOLE 15.0 ft below LSD. Alt. MP _____
 Alt. LSD: 44' Accuracy: 44 (source) 5' TOPO
 Water Level: 326.8 ft above MP; Ft below LSD 322 Accuracy: MEAS.
 Date meas: 9-12-68 Yield: 9:6:8 rpm 1257 Method determined 2
 Drawdown: 31 ft Accuracy: MEAS. Pumping period _____ hr.
 QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____
 Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled _____
 Taste, color, etc. _____

Well No. W-65-21-303

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 7
State ID: 65-21-303

Well No. LJ-65-21-303

Latitude-longitude 29 42.30 ^W 99 5.23.22

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: COASTAL PLAINS Section: 03

Drainage Basin: E Subbasin: 51R

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system T series E aquifer, formation, group E

Lithology: Origin: Aquifer Thickness: ft

Length of well open to: 325 ft Depth to top of: 325 ft

MINOR AQUIFER: system series aquifer, formation, group

Lithology: Origin: Aquifer Thickness: ft

Length of well open to: ft Depth to top of: ft

Intervals Screened: 680-700, 720-760, 770-800, 970-985, 995-1010, 1100-1120

Depth to consolidated rock: ft Source of data:

Depth to basement: ft Source of data:

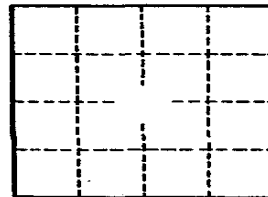
Surficial material: Infiltration characteristics:

Coefficient Trans: spd/ft Coefficient Storage:

Perm: spd/ft²; Spec cap: gpm/ft; Number of geologic cards:

SCREENS:
1180¹⁵-1195
1220²⁵-1245
1335²-1355
1400⁵-1430
1440¹⁰-1470
1575¹⁵-1590
1600¹⁵-1625
1640¹⁵-1655
1670¹⁵-1690

CS9
0-610 = 24"
570-1822 = 123/4"



Well No. LJ-65-21-303

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

Latitude 29 42 30 Longitude 095 23 22 01 Seq. No. 020990

County code 201 County Harris

Well # LJ-65-21-303

Project number 7-4648-01000

Date 2-15-77 Time _____ Temp °C 27.5

Owner City of Houston

Address South End #9

Date drld 1954 WBF code 121 Elev _____

Sample interval: (top) 680 (bottom) 1690

Water level _____ App Clear Use PS

Collector Butler Yield _____ GPM

Smpld aftr pmpg _____ Depth _____

Pt of coll Tap on discharge

Field: Cond _____ pH _____ HCO₃ _____ DO _____

Indicate types of analyses

Coliform _____ Phenols _____ Minors _____

Nutrients MBAS _____ BOD _____ TOC _____ DOC _____

Std chem schedule _____

Other I

Herbicide _____ Insecticide _____

Remarks: _____

Type 2 Station identification number 294230095232201

Y _____ M _____ D _____ Time of measurement _____

17 _____ 22 _____ 29 _____ 32 _____

Depth 72008 Value _____ Exp. _____ Rmk _____

Yield (GPM) 00059 Value _____ Exp. _____ Rmk _____

Sample interval (P) 72015 6800 03 Value _____ Exp. _____ Rmk _____

Sample interval (BOTTOM) 72016 1690 04 Value _____ Exp. _____ Rmk _____

Water level 72019 Value _____ Exp. _____ Rmk _____

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	72004			
DO (mg/l)	00300			
DO % Sat.	00301			
Temp °C	00010	27.50	0.2	27.5
pH	00400	8.000	0.1	8.1
Specific conductance	00095	565.0	0.3	565
HCO ₃	00440	27.20	0.3	27.2
CO ₂	00445	0.000	0.1	0
Chloride (Cl)	00940	42.00	0.2	42
Sulfate (SO ₄)	00945	12.00	0.2	12
Color	00080			
Coliform, membrane filter	31501			
Coliform, fecal	31625			
Strep-tococci	31673			
BOD	00310			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

017571

LA 130
(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

Latitude: 94230 Longitude: 095232101 Seq. No. 01

County code 201 County Harris

Well # LJ-65-21-303

Project number 4648-01000

Date 2-10-76 Time Temp °C 27.5

Owner City of Houston

Address Southend # 9

Date drld WBF code 121 EVEL

Sample interval: (top) 680 (bottom) 1690

Water level Appr. Use PS

Collector Wattel Yield GPM

Smpld after pmpg on arrival Depth

Pt of coll top on discharge

Field: Cond pH HCO₃ DO

Indicate types of analyses

Coliform Phenols Minors
rients MBAS BOD TOC DOC

Std chem schedule I

Other

Herbicide Insecticide

Remarks:

Type 2 Station identification number 294230095232101

Y 76 M 02 D 10 Time of measurement

17 Begin 22 29 32

Depth Parameter code 72008 Value Exp. Rmk

Yield (GPM) Parameter code 00059 Value Exp. Rmk

Sample interval TOP Parameter code 72015 Value 6800 Exp. 03 Rmk

Sample interval BOTTOM Parameter code 72016 Value 1690 Exp. 04 Rmk

Water level Parameter code 72019 Value Exp. Rmk

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	72004			
DO (mg/l)	00300			
DO % Sat.	00301			
Temp °C	00010	27.50	02	27.5
pH	00400	8.000	01	8.0
Specific conductance	00095	5690	03	569
HCO ₃	00440	2740	03	274
CO ₃	00445	0000	01	0
Chloride (Cl)	00940	4200	02	42
Sulfate (SO ₄)	00945	1300	02	13
Color	00080			
Coliform, membrane filter	31501			
Coliform, fecal	31616			
Strep-tococci	31679			
BOD	00310			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Latitude 29 42 30 Longitude 09 52 23 22 0 1 Seq. No. 1

County code FF201 County Harris

Well # LJ-65-21-303

Project number 5-4648-01000

Date 2-6-75 Time _____ Temp °C 26.0

Owner City of Houston

Address Southeast #9

Date drld 7-15-54 WBF code 121 EVCK

Sample interval: (top) 480 680 (bottom) 1690

Water level _____ Appr _____ Use PS

Collector Naftel Yield _____ GPM _____

Smpld aftr pmpgon arrival Depth 1822

Pt of coll faucet on pipe

Field: Cond _____ pH _____ HCO₃ _____ DO _____

Indicate types of analyses

Coliform _____ Phenols _____ Minors _____

Nutrients _____ MBAS _____ BOD _____ TOC _____ DOC _____

Std chem schedule I + SO₄

Other _____

Herbicide _____ Insecticide _____

Remarks:

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	7,2,0,0,4			
DO (mg/l)	0,0,3,0,0			
DO % Sat.	0,0,3,0,1			
Temp °C	0,0,0,1,0	26.00	0.2	
pH	0,0,4,0,0	7.600	0.1	7.6
Specific conductance	0,0,0,9,5	526.0	0.3	526
HCO ₃	0,0,4,4,0	250.0	0.3	25
CO ₂	0,0,4,4,5	06.00	0.1	0
Chloride (Cl)	0,0,9,4,0	350.0	0.2	35
Sulfate (SO ₄)	0,0,9,4,5	16.00	0.2	16
Color	0,0,0,8,0			
Coliform, membrane filter	3,1,5,0,1			
Coliform, fecal	3,1,6,1,6			
Strep-tococci	3,1,6,7,9			
BOD	0,0,3,1,0			

Type 2 Station identification number 29 42 30 09 52 23 22 0 1

Y M D Time of measurement

7 5 0 2 0 6

17 Begin 22 29 32

Parameter code	Value	Exp.	Rmk
7,2,0,0,8	1822	0.4	
0,0,0,5,9			
7,2,0,1,5	680	0.3	
7,2,0,1,6	1690	0.4	
7,2,0,3,9			

Depth _____ Yield (GPM) _____ Sample interval TOP _____ Sample interval BOTTOM _____ Water level _____

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 6 out of 7
State ID: 65-21-303

019984

Latitude 294230 Longitude 095232201 Seq. No. 01
 County code 101 County HARRIS
 Well # WJ 65-21-303
 Project number T4648-01000
 Date 9-23-76 Time 1145 Temp °C 27.0
 Owner CITY OF HOUSTON
 Address SOUTHEND #9
 Date drld 7-15-54 WBF code EV64
 Sample interval: (top) 680 (bottom) 1690
 Water level 33 Appr CLEAR Use PS
 Collector BEZANT Yield 1224 GPM
 Smpld aftr PMPEON ARRIVAL Depth -
 Pt of coll TAP ON DISCHARGE
 Field: Cond - pH - HCO₃ - DO -

Indicate types of analyses

Coliform	Phenols	Minors
Nutrients	MBAS	BOD
chem schedule	TOC	DOC
Other <u>I</u>		
Herbicide	Insecticide	

Remarks:

Type 2 Station identification number 294230095232201

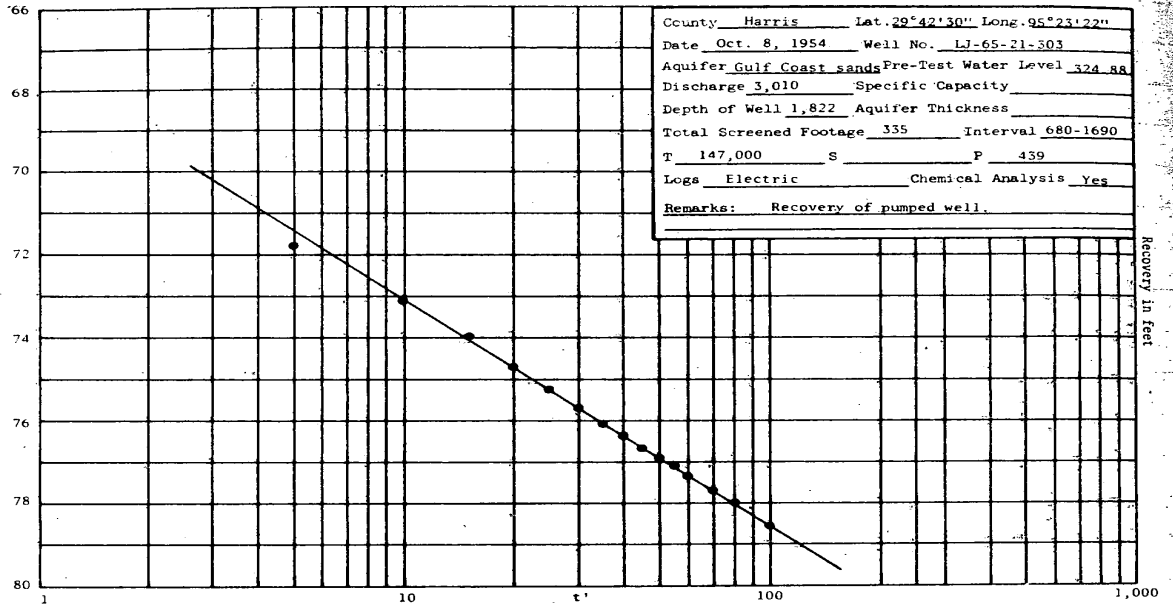
Y 7 M 6 D 0923 Time of measurement 29 32
 17 Begin 22 29 32

Depth	Parameter code	Value	Exp.	Rmk
	<u>72008</u>			
Yield (GPM)	<u>00059</u>			
Sample interval TOP	<u>72015</u>	<u>6800</u>	<u>03</u>	
Sample interval BOTTOM	<u>72016</u>	<u>1690</u>	<u>04</u>	
Water level	<u>72010</u>			

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	<u>72004</u>			
DO (mg/l)	<u>00300</u>			
DO % Sat.	<u>00301</u>			
Temp °C	<u>00010</u>	<u>2700</u>	<u>02</u>	<u>27.0</u>
pH	<u>00400</u>	<u>7800</u>	<u>01</u>	<u>7.8</u>
Specific conductance	<u>00095</u>	<u>5010</u>	<u>03</u>	<u>501</u>
HCO ₃	<u>00440</u>	<u>2460</u>	<u>03</u>	<u>246</u>
CO ₃	<u>00445</u>	<u>0000</u>	<u>01</u>	<u>0</u>
Chloride (Cl)	<u>00940</u>	<u>3200</u>	<u>02</u>	<u>32</u>
Sulfate (SO ₄)	<u>00945</u>	<u>1600</u>	<u>02</u>	<u>16</u>
Color	<u>00080</u>			
Coliform, membrane filter	<u>31501</u>			
Coliform, fecal	<u>31616</u>			
Strep-tococci	<u>31679</u>			
BOD	<u>00310</u>			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 7 out of 7
 State ID: 65-21-303



WATER UTILITY DATABASE (WUD)

MAP ID# 310 Distance from Property: 4.14 mi. SW

PWSID: 1010013
SOURCE ID: G1010013AZ
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 01/25/1958
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.389297490
LATITUDE: 29.708490370

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 310 Distance from Property: 4.14 mi. SW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294230095232201**

STATION NAME: **LJ-65-21-303**

SITE TYPE: **GW**

LATITUDE: **29.708700000** LONGITUDE: **-95.388810000**

DATE DRILLED: **07/15/1954**

WELL DEPTH: **1822 feet**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 310 Distance from Property: 4.14 mi. SW

WELL ID: 1109
OWNERS NAME: HOUSTON, CITY OF
YEAR DRILLED: 1954
DEPTH DRILLED: 1822'
STATIC LEVEL: 680'
WATER USAGE: PUBLIC SUPPLY
WELL STATUS: PLUGGED
LONGITUDE: -95.388811000
LATITUDE: 29.708703000
SOURCE: HGSD



www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 311 Distance from Property: 4.17 mi. W

TRACK #: 413970

DATE ENTERED: 2015-11-17

OWNER NAME: DOGGETT, ANN

OWNER ADDRESS: 3030 INWOOD
HOUSTON, TX 77019

COUNTY: HARRIS

LATITUDE: 29.751667000 LONGITUDE: -95.422222000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=413970&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2015-08-31

DRILLING DATE (COMPLETED): 2015-09-03

DEPTH DRILLED: 365'

WATER LEVEL:

STATIC LEVEL: 184'

WATER LEVEL DATE: 2015-09-03

TYPE OF WATER: NOT TESTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: ALMEDA WATER WELL SERVICE

COMPANY ADDRESS: PO BOX 266
MANVEL, TX 77578



www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 311 Distance from Property: 4.17 mi. W

WELL ID: 13022
OWNERS NAME: **DOGGET, WM LESLIE & ANN**
YEAR DRILLED: **Not Reported**
DEPTH DRILLED: **550'**
STATIC LEVEL: **530'**
WATER USAGE:
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.422257000**
LATITUDE: **29.752365000**
SOURCE: **HGSD**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 312 Distance from Property: 4.17 mi. ESE

WELL ID: 1976
OWNERS NAME: SOUTHWEST FABRICATING & WELDING
YEAR DRILLED: 1966
DEPTH DRILLED: 517'
STATIC LEVEL: 485'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.290970000
LATITUDE: 29.732684000
SOURCE: HGSD



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 312 Distance from Property: 4.17 mi. ESE

STATE ID: 65-22-337

OWNER'S NAME: SOUTHWEST FABRICATORS

DATE DRILLED: 01/00/1974

DEPTH DRILLED: 517'

WATER USAGE:

LONGITUDE: -95.290970000

LATITUDE: 29.732684000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522337/6522337.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
State ID: 65-22-337

April 1966

WELL SCHEDULE U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY

65-22-337
WATER RESOURCES DIVISION

MASTER CARD

1124000

Record by K.D. VAUGHT Source of data D-RECORDS Date 5-16-75 Map PARK PLACE, TX 1967

State TEXAS County Harris Co. Sequential number: 1

Latitude: 29° 43' 57" N Longitude: 95° 17' 27" W

Local well number: 65-22-337 Other number: B & M

Local use: _____ Owner or name: Southwest Fabricators

Owner or name: SOUTHWEST FABRI Address: HARRISBURG Blvd, Houston, TX

Ownership: (C) County, (F) Fed Gov't, (M) City, Corp of Co, Private, State Agency, Water Dist (N)

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (I) (I)

Use of well: (S) Stock, Inact, Unused, Recharge, Desal-P S, Desal-other, Other (F)

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed, (W)

DATA AVAILABLE: Well data Freq. W/L meas.: Field aquifer char.

Hyd. lab. data: _____

Qual. water data; type: _____

Freq. sampling: none Pumpage inventory: yes no

Aperture cards: _____

Log data: D-LOG 517

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 517 ft. Meas. rept. REPT.

Depth cased; 485 ft. Casing type: steel ; Diam. 8-6 in.

Finish: (C) porous concrete, (F) gravel w. screen, (H) horiz. gallery, (P) open perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other

Method: (A) air bored, (B) cable, (C) dug, (H) hyd. jetted, (J) air reverse, (P) percuss, rotary, (R) driven, (T) drive wash, (V) other

Date drilled: 1-74 Pump intake setting: _____ ft.

Driller: B.J. SWINEHART CO., INC. Houston, TX

Lift: (A) air, (B) bucket, (C) cent. jet, (M) multiple, (N) none, (P) piston, (R) submerg, (S) turb, (T) other

Power: (type) diesel, elec, gas, gasoline, hand, gas, wind; H.P. 5 Trans. or meter no. _____

Descrip. MP _____ Ft above LSD, Alt. MP _____

Alt. LSD: 35 Accuracy: (source) 5' TOPOG

Water Level: 245 ft below MP; Ft. below LSD 245 Accuracy: REPT

Date meas: 1-74 Yield: _____ gpm

Drawdown: _____ ft. Accuracy: _____

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct _____ K x 10⁶ Temp. _____ °F

Taste, color, etc. _____

Well No.

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 2
State ID: 65-22-337

Well No. LJ 65-22-337

Latitude-longitude 29 03 57^N 095 17 27^S

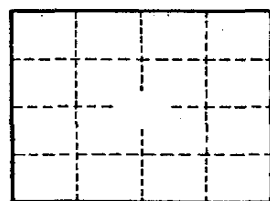
HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD
 Physiographic Province: Coastal Plain Section: 03
 Drainage Basin: 5112 Subbasin: 50
 Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp. (E) offshore, pediment, hillside, terrace, undulating, valley flat. (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z)
 MAJOR AQUIFER: system _____ series _____ aquifer, formation, group _____
 Lithology: _____ Origin: _____ Thickness: _____ ft
 Length of well open to: 30 ft Depth to top of: 30 ft
 MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____
 Lithology: _____ Origin: _____ Thickness: _____ ft
 Length of well open to: 2 ft Depth to top of: _____ ft
 Intervals Screened: 485-515 55
 Depth to consolidated rock: _____ ft Source of data: _____
 Depth to basement: _____ ft Source of data: _____
 Surficial material: _____ Infiltration characteristics: _____
 Coefficient Trans: _____ spd/ft Coefficient Storage: _____
 Perm: _____ spd/ft²; Spec cap: _____ spm/ft; Number of geologic cards: _____

Completed 0-441'

8" CSG 0-441 25 gpd.
6" screen 485-515 18 gpd.

MR. Seymour - MAINTENANCE,
Factory makes steel for
nuclear power plants.



Well No.

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 312 Distance from Property: 4.17 mi. ESE

WELL ID: 1975
OWNERS NAME: SOUTHWEST FABRICATING & WELDING
YEAR DRILLED: 1974
DEPTH DRILLED: 517'
STATIC LEVEL: 485'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.290970000
LATITUDE: 29.732684000
SOURCE: HGSD



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 313 Distance from Property: 4.17 mi. SSW

STATE ID: 65-22-412
OWNER'S NAME: ZERO FOOD CO.
DATE DRILLED: 00/00/1963
DEPTH DRILLED: 89'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.373077000
LATITUDE: 29.702161000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522412/6522412.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-22-412

Texas Water Development Board Well Schedule

State Well Number 6522412 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294206 Longitude 952222 Source of Coords 2

Owner's Well No. Location
Owner Zero Food Co. Driller Bigham & Dodson

Address Tenant/Oper.

Date Drilled / /1963 Depth 89 Source of Depth Altitude 47 Source of Alt.
Well Type W User

WELL CONSTRUCTION Const-Method Completion Casing Material Screen Material Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from to

LIFT DATA - Pump Mfr. - Type - JET PUMP No. Stages
Bowls Diam. - in. Setting - ft. Column Diam. - in.
Motor Mfr. - Fuel or Power - ELECTRIC MOTOR Horsepower -
YIELD Flow- GPM Pump GPM Meas.,Rept.,Est.- Date-

WATER USE Primary - INDUSTRIAL Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - Other Data -

WATER LEVELS 1 measurement
1963
-24

Recorded By Date Record Collected or Updated - 02/20/2003
Reporting Agency 01

REMARKS -
TWDB Report 178: Screen from 79 to 89 ft.
Yield: 10 gpm with 6 ft. drawdown when drilled.

Aquifer - 112CHCTU ID - 15
CHICOT
AQUIFER,UPPER

Wednesday, March 29, 2006

Well Number - 6522412

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 314 Distance from Property: 4.18 mi. SE

STATE ID: 65-22-224

OWNER'S NAME: FOREST PARK CEMETERY

DATE DRILLED: 00/00/1936

DEPTH DRILLED: 520'

WATER USAGE: UNUSED

LONGITUDE: -95.302480000

LATITUDE: 29.718350000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522224/6522224.pdf>



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 315 Distance from Property: 4.19 mi. SSE

WELL ID: 7508
OWNERS NAME: PAN AFRICAN ORTHODOX
YEAR DRILLED: 1999
DEPTH DRILLED: 400'
STATIC LEVEL: 300'
WATER USAGE: AGRICULTURAL IRRIGATION
WELL STATUS: PLUGGED
LONGITUDE: -95.336204000
LATITUDE: 29.701036000
SOURCE: HGSD



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 316 Distance from Property: 4.20 mi. W

ID NUMBER: TX199107
STATE ID : 65-21-3
OWNER NAME: WEAVER, JAMES D.
DATE DRILLED: 12/18/1991
DEPTH DRILLED: 400'
STATIC LEVEL: 235'
WATER USAGE: IRRIGATION
LONGITUDE: -95.422555000
LATITUDE: 29.750736000
2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 199107

STATE OF TEXAS WATER WELL REPORT

1) OWNER: WEAVER, JAMES D. ADDRESS: 3196 DEL MONTE CITY: HOUSTON STATE: TX ZIP: -
 2) LOCATION OF WELL: County: HARRIS miles in W direction from HOUSTON

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00507 DIAMETER OF HOLE 7) BOREHOLE METHOD:
 DIAMETER FROM TO TWO STRING/K-PACKER
 6.75 0 380 IF GRAVEL... FROM FT. TO FT.
 4.0 380 400 FROM FT. TO FT.
 DATE DRILLED: 12/18/91

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
4.0	N	P.V.C. SCH.40	0	380	CASING
2.5	N	P.V.C. SCH.80	375	380	LINER
2.5	N	P.V.C. - SLOTTED	380	390	.006
2.5	N	P.V.C. - SLOTTED	390	400	.008

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
3	46	CLAY-WHITE CLAY-BROWN
46	68	SAND-WHITE-FINE SAND-TAN-.006-.008
68	130	CLAY-WHITE BROKEN SAND & CLAY
130	147	SAND-GRAY-.006-.008
147	184	CLAY-BROWN
184	208	SAND-TAN-.010-.012
208	219	CLAY-BROWN
219	245	SAND-TAN-.006-.008
245	296	CLAY-RED CLAY-BLUE
296	317	SAND-TAN-.010-.012
317	375	CLAY / SAND STREAKS
375	376	ROCK
376	400	SAND-TAN-.006-.008

RECEIVED
NOV 05 1992
TEXAS WATER COMMISSION

9) CEMENTING DATA:
 Cemented from 0 FT. TO 380 FT.
 Method used: PRESSURE-HALIBURTON
 Cemented by: AWNS

10) SURFACE COMPLETION:
 APP. ALTER. PROCD.
 11) WATER LEVEL:
 STATIC LEVEL : 235 FT. DATE: 12/20/91
 ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

13) TYPE PUMP: SUBMERSIBLE DEPTH TO PUMP: 315
 14) WELL TEST: JETTED YIELD: 50 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY: TYPE OF WATER: GOOD DEPTH OF STRATA: 400 NO CHEMICAL ANALYSIS MADE
 NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843 : FOR TDWR USE ONLY
 ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578 : WELL NO. : LOCATED ON MAP 65-21-3

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Mike Pagan (signed) _____
 (LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 199107



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 317 Distance from Property: 4.20 mi. WSW

ID NUMBER: TX199512
STATE ID : 65-21-3
OWNER NAME: TOM TAYLOR
DATE DRILLED: 07/25/1986
DEPTH DRILLED: 200'
STATIC LEVEL: NOT REPORTED
WATER USAGE: OTHER
LONGITUDE: -95.409792000
LATITUDE: 29.724144000

2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 199512

199512 WEL

Please use black ink. Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER TOM TAYLOR (Name) Address 2188 ALBANS HOUSTON TX 77005 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County HARRIS miles in _____ direction from IN HOUSTON (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
 See attached map.

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other

6) WELL LOG:
Date Drilling: Started 7-3 1986 Completed 7-25 1986

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
	Surface	
	<u>1</u>	<u>200</u>

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
						From	To	
<u>1</u>	<u>35</u>	<u>Black clay/sand</u>						
<u>35</u>	<u>200</u>	<u>Red/white clay</u>			<u>Polybutylene</u>			

4 wells used for Geothermal 9ft apart

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 26 ft. to 10 ft. No. of Sacks Used 12
Method used wet
Cemented by Jacob Schaefer

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level NA ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: NA Type _____ Depth _____

13) TYPE PUMP:
 Turbine NA Submersible Cylinder
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: NA Pump Bailer Jetted Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME SNOW HAN'S DRILLING (Type or Print) Water Well Driller's License No. 026231

ADDRESS 17330 HERITAGE BAY DR (Street or RFD) WEBSTER (City) TX (State) 77598 (Zip)

(Signed) Jacob Schaefer (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

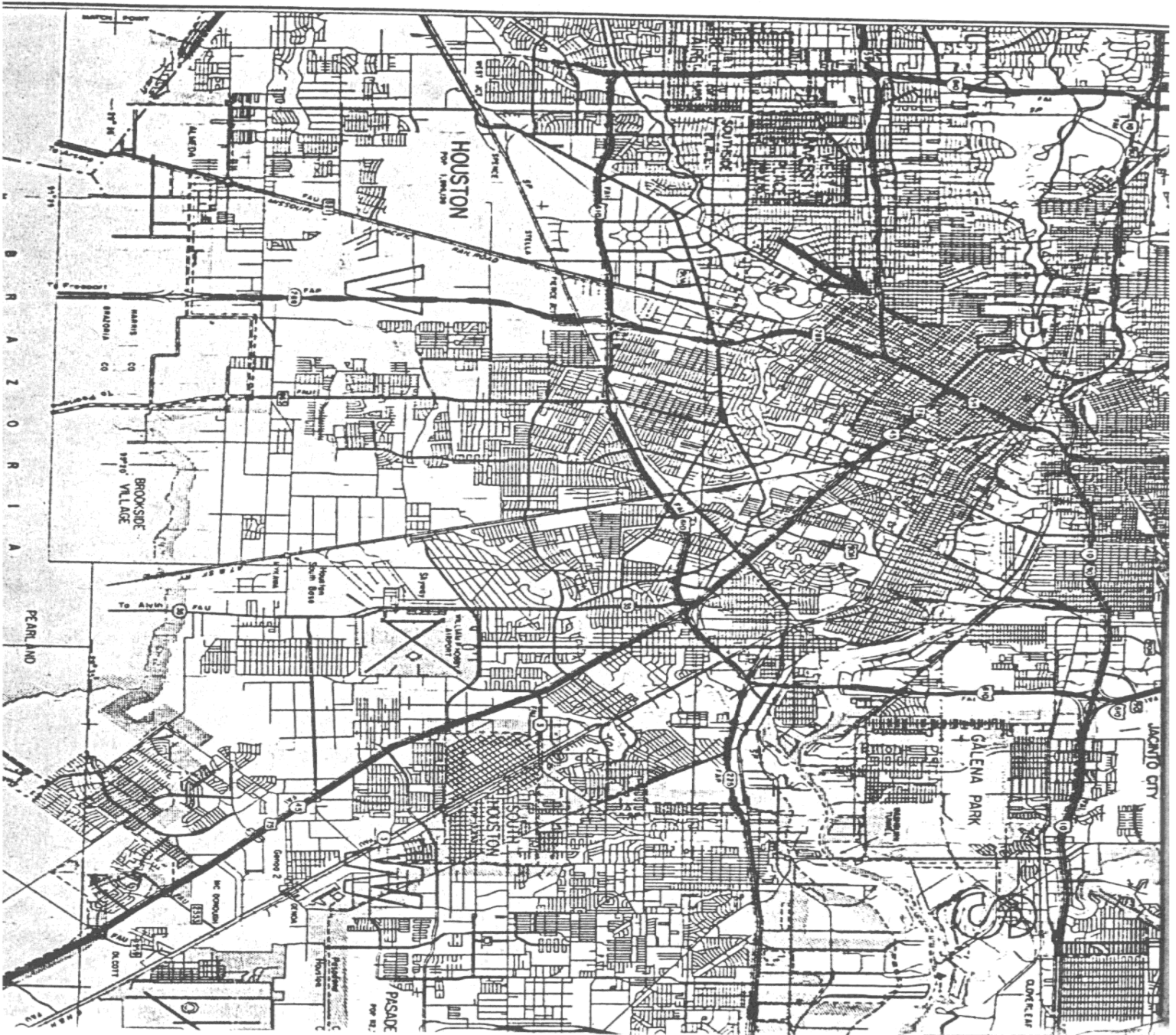
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 65-21-3
Located on map _____

C-0392 (Rev. 06-10-85) TEXAS WATER COMMISSION COPY

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 199512



HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 318 Distance from Property: 4.22 mi. NE

WELL ID: **2596**
OWNERS NAME: **ALLIED FENCE CORPORATION**
YEAR DRILLED: **1963**
DEPTH DRILLED: **230'**
STATIC LEVEL: **210'**
WATER USAGE: **PUBLIC SUPPLY**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.301038000**
LATITUDE: **29.801548000**
SOURCE: **HGSD**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 318 Distance from Property: 4.22 mi. NE

WELL ID: **2595**
OWNERS NAME: **ALLIED FENCE CORPORATION**
YEAR DRILLED: **1960**
DEPTH DRILLED: **228'**
STATIC LEVEL: **208'**
WATER USAGE: **PUBLIC SUPPLY**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.301039000**
LATITUDE: **29.801547000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 319 Distance from Property: 4.22 mi. NNE

STATE ID: 65-14-403
OWNER'S NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1949
DEPTH DRILLED: 1839'
WATER USAGE: PLUGGED OR DESTROYED
LONGITUDE: -95.334060000
LATITUDE: 29.819220000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514403/6514403.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 3
State ID: 65-14-403

WRD Exp. (GM)
April 1966

Well No. LT-65-14-403

WELL SCHEDULE
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION - 5

MASTER CARD (J. Brown)
R.K.G. (7-11-63) Source
Record by RBA (3-10-62) of data FILES Date 2-20-68 Map Schlegel 1955 1:24000

State Texas County Harris (or town) 4:7 Sequential number: 1

Latitude: 29° 43' 09" N Longitude: 09° 52' 00" W

Local well number: LT-65-14-403 Other number: NORTHEAST #6

Local use: CITY OF HOUSTON Owner or name: CITY OF HOUSTON Address: _____

Ownership: (C) County, Fed Gov't, (F) City, Corp or Co, (N) Private, (S) State Agency, (W) Water Dist. M

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) Ind, (K) Rec, (L) Stock, (M) Insult, (N) Unused, (O) Reprasure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other. P

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed. W

DATA AVAILABLE: Well data 1 Freq. W/L meas.: Annual A Field aquifer char. 72

Hyd. lab. data: 73

Qual. water data: type: 74

Freq. sampling: 11-17-49 I Pumpage inventory: yes 75 no 76 period: 77

Aperture cards: 78

Log data: E-LOG U-20 G-2815 E

WELL-DESCRIPTION CARD

DRILLED TO 2815' & PLUGGED BACK TO APPROX 1825'

SAME AS ON MASTER CARD Depth well: 1839 ft 1839 Meas. apt. Driller 3

Depth cased: 1017 ft 1017 Casing type: S ; Dia. 24 in 24

Finish: (C) porous concrete, (F) gravel w. screen, (G) gravel w. horiz. open perf., (H) galv. corr. open perf., (I) screen, (J) shored, (K) other. 6

Method drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd rot, (F) jetted, (G) air percuss, (H) reverse, (I) trenching, (J) driven, (K) drive wash, (L) other. 4

Date drilled: 1949 5:49 Pump intake setting: _____ ft 30

Driller: LAYNE-TEXAS Co. HOUSTON, TEXAS address

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) nose, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other. 7 Deep D Shallow 30

Power (type): (A) diesel, (B) gas, (C) gasoline, (D) hand, (E) gas, (F) wind, (G) H.P., (H) LP, (I) Trans. of water no. 5

Descrip. MP _____ ft above LSD. Alt. MP 25'

Alt. LSD: 55' 55 Accuracy: (source) TODD 5' 3

Water Level 164.77 ft above 164.77 ft below MP. LSD 164.77 Accuracy: REPT. 5

Data meas: 11-17-49 N:4:9 Yield: 2690 gpm 2690 Method determined 41

Drawdown: 71 ft 8:1 Accuracy: meas. 96 hr. 96

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct _____ K x 10⁶ Temp. _____ °F _____ °C Date sampled _____

Taste, color, etc. _____

9624560
164.77
30.33

Well No. LT-65-14-403

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 3
State ID: 65-14-403

Well No. LJ-65-14-403

Latitude-longitude 29.47.09 N 1075.20.03 W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: COASTAL PLAINS Section: 03

Drainage Basin: 51R Subbasin: 24

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system T series E aquifer, formation, group E ✓
Lithology: 31 Origin: 32 Thickness: 34

Length of well open to: 419 ft 33 Depth to top of: 419 ft 35

MIDDLE AQUIFER: system 44 series 45 aquifer, formation, group 46 ✓
Lithology: 48 Origin: 49 Thickness: 50

Length of well open to: 51 ft 52 Depth to top of: 53 ft 54

Intervals Screened: 1017-1058, 1061-1103, 1106-1148, 1169-1199, 1249-1274, 1276-1316

Depth to consolidated rock: 40 ft 41 Source of data: 42

Depth to basement: 43 ft 44 Source of data: 45

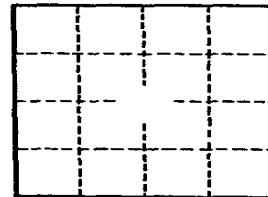
Surficial material: 70 Infiltration characteristics: 71

Coefficient Trans: 72 gpd/ft 73 Coefficient Storage: 74 75

Perm: 76 spd/ft²; Spec cap: 77 gpm/ft; Number of geologic cards: 78

CASING:
624' of 24"
1409' of 12 3/4"
(530' - 1839')

SCREENS:
1319' - 1355'
1358' - 1398'
1448' - 1460'
1463' - 1494'
1535' - 1555'
1668' - 1698'
1789' - 1815'
030 ga. 5" WW

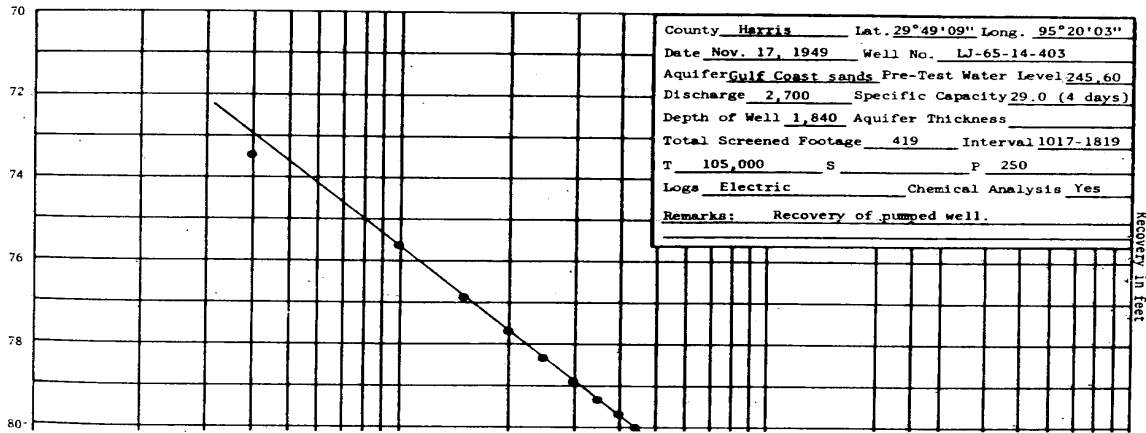


Well No. LJ-65-14-403

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 3 out of 3
 State ID: 65-14-403



WATER UTILITY DATABASE (WUD)

MAP ID# 319 Distance from Property: 4.23 mi. NNE

PWSID: 1010013
SOURCE ID: G1010013AK
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 12/00/1949
SCREEN BOTTOM: 1,698.00'
SCREEN TOP: 1,058.00'

GALLONS
PER MINUTE: 2,200
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.334136960
LATITUDE: 29.819156650

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 319 Distance from Property: 4.22 mi. NNE

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294909095200301**

STATION NAME: **LJ-65-14-403**

SITE TYPE: **GW**

LATITUDE: **29.819220000** LONGITUDE: **-95.334060000**

DATE DRILLED: **01/01/1949**

WELL DEPTH: **1839 feet**

HOLE DEPTH: **2815 feet**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 319 Distance from Property: 4.23 mi. NNE

WELL ID: **1087**
OWNERS NAME:
YEAR DRILLED: **1949**
DEPTH DRILLED: **1839'**
STATIC LEVEL: **999'**
WATER USAGE: **PUBLIC SUPPLY**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.334090000**
LATITUDE: **29.819248000**
SOURCE: **HGSD**



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 320

Distance from Property: 4.22 mi. W

ID NUMBER: TX206123
STATE ID : 65-13-8
OWNER NAME: BLUEWATER REAL ESTATE
DATE DRILLED: 11/01/2001
DEPTH DRILLED: 494'
STATIC LEVEL: 215'
WATER USAGE: DOMESTIC
LONGITUDE: -95.423593000
LATITUDE: 29.764987000
2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 206123

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: BLUWATER REAL ESTATE ADDRESS: 310 TERRACE CITY: HOUSTON STATE: TX ZIP: -

2) ADDRESS OF WELL: 5)
County: HARRIS GRID # 65-13-8
Street or RFD: 310 TERRACE
City, State, Zip code: HOUSTON, TX -

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: DOMESTIC
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 23429 DIAMETER OF HOLE 7) DRILLING METHOD: 8) BOREHOLE COMPLETION:
DIAMETER FROM TO MUD ROTARY STRAIGHT WALL N°
DATE DRILLING: 6.5 0 494 STARTED: 10/20/01 COMPLETED: 11/01/01
IF GRAVEL... FROM FT. TO FT. FROM FT. TO FT.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
4	N	PVC CASING	0	467	WW
2.5	N	GALVANIZED LINER	453	474	WW
2.5	N	S/S PIPE BASE SCREEN	474	494	08

RECEIVED
TDLR MAIL ROOM SH

JAN 08 2002

RECEIPT #	AMOUNT
-----------	--------

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	TOP SOIL
3	20	CLAY
20	50	SAND
50	51	ROCK
51	100	CLAY
100	106	SAND
106	112	CLAY
112	130	SAND
130	222	CLAY
222	248	SAND
248	273	CLAY
273	320	SAND
320	352	CLAY
352	362	SAND
362	379	CLAY

9) CEMENTING DATA:
Cemented from 467 FT. TO 0 FT. No. of Sacks Used 25
FT. TO FT.
Method used: PRESSURE
Cemented by: ODCI
Distance to septic field lines: ft.
Method of verification of above distance:

10) SURFACE COMPLETION:
SURFACE SLEEVE

11) WATER LEVEL:
STATIC LEVEL : 215 FT. DATE: 11/01/01
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH
B P SEAL 453

13) TYPE PUMP: SUBMERSIBLE DEPTH TO PUMP: 294
14) WELL TEST: JETTED YIELD: 25 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY: TYPE OF WATER: N/A DEPTH OF STRATA: 25 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: O'DAY DRILLING CO., INC. WATER WELL DRILLER'S LICENSE NO.: 1877,4111,4883, FOR TWC USE ONLY
ADDRESS: 2357 GARDEN RD CITY: PEARLAND STATE: TX ZIP CODE: 77581-8744 WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Angel Bautista (signed) _____
(LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 206123

STATE OF TEXAS WATER WELL REPORT (PA)

OWNER: BLUEWATER REAL ESTATE ADDRESS: 310 TERRACE CITY: HOUSTON STATE: TX ZIP: -

379 387 SAND
387 420 CLAY
420 428 SAND
428 469 CLAY
469 494 SAND

RECEIVED	
TDLR MAIL ROOM SH	
JAN 08 2002	
RECEIPT #	AMOUNT

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 321 Distance from Property: 4.22 mi. W

TRACK #: 174829

DATE ENTERED: 2009-04-15

OWNER NAME: M F DEVELOPMENT

OWNER ADDRESS: 6039 GLENCOVE
HOUSTON, TX 77007

COUNTY: HARRIS

LATITUDE: 29.760001000 LONGITUDE: -95.423889000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=174829&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2005-04-22

DRILLING DATE (COMPLETED): 2005-04-25

DEPTH DRILLED: 435'

WATER LEVEL:

STATIC LEVEL: 185'

WATER LEVEL DATE: 2005-04-25

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: O'DAY DRILLING CO., INC.

COMPANY ADDRESS: 2357 GARDEN ROAD
PEARLAND, TX 77581



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 322 Distance from Property: 4.25 mi. NNE

ID NUMBER: TX181958
STATE ID : 65-14-4B
OWNER NAME: PAUL S WAHLBERG
DATE DRILLED: 03/20/1978
DEPTH DRILLED: 197'
STATIC LEVEL: NO PUMP'
WATER USAGE: DOMESTIC
LONGITUDE: -95.329573000
LATITUDE: 29.818327000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 181958

4B *Depp*

Send original copy by certified mail to the Texas Water Development Board, P. O. Box 13087, Austin, Texas 78711. State of Texas. For TWDB use only: Well No. 65-13-4B, Located on map 425, Received: 10/1.

WATER WELL REPORT

1) OWNER: Person having well drilled Paul S. Wahlberg Address 4917 King St. Hou. Tx.
 Landowner Paul S. Wahlberg Address 4917 King St. Hou. Tx.

2) LOCATION OF WELL: County Warrick 5 miles in N.E. direction from Houston
 Locate by sketch map showing landmarks, roads, creeks, or highway number, etc.* Give legal location with distances and directions from adjacent sections or survey lines.
 Labor _____ League _____
 Block _____ Survey _____
 Abstract No. _____
 (Use reverse side if necessary) (N½ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging
 4) PROPOSED USE (Check): Domestic Industrial Municipal Irrigation Test Well Other
 5) TYPE OF WELL (Check): Driven Dug Cable Jetted Bored

6) WELL LOG: Diameter of hole 6 1/2 in. Depth drilled 185 ft. Depth of completed well 197 ft. Date drilled 3/20/78
 All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0-3		TOP SOIL
3-35		RED & GRAY CLAY
35-67		RED CLAY
67-82		GRAY CLAY
82-124		BLUE CLAY
124-152		FINE & COARSE WHITE SAND
152-173		GRAY CLAY
173-197		COARSE SAND

9) CASING: Type: Old New Steel Plastic Other _____
 Cemented from 75 ft. to 185 ft.
 Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Casing _____
 4 0-185-40
 Type: Plastic
 Perforated Lotted
 Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Slot _____
 2 1/2 185-197-12

7) COMPLETION (Check): (Use reverse side if necessary)
 Straight wall Gravel packed Other
 Under reamed Open Hole

8) WATER LEVEL: NO PUMP
 Static level _____ ft. below land surface Date _____
 Artesian pressure _____ lbs. per square inch Date _____
 Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.

11) WELL TESTS:
 Was a pump test made? Yes No If yes, by whom? _____
 Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
 Bailor test _____ gpm with _____ ft. drawdown after _____ hrs.
 Artesian flow _____ gpm
 Temperature of water _____

12) WATER QUALITY:
 Was a chemical analysis made? Yes No
 Did any strata contain undesirable water? Yes No
 Type of water? FRESH depth of strata 24 ft.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME BOBBY POTTER Water Well Drillers Registration No. 884
 ADDRESS 5917 CHIPPEWA (City) Hou. (State) Tx.
 (Signed) Lloyd J. Lamrell (Water Well Driller) LAMRELL & POTTER DRILLING CO. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.
 *Additional instructions on reverse side.

181958

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 323 Distance from Property: 4.26 mi. W

ID NUMBER: TX206126
STATE ID : 65-13-8
OWNER NAME: JON L. GILBREATH
DATE DRILLED: 10/22/2001
DEPTH DRILLED: 395'
STATIC LEVEL: 204'
WATER USAGE: SINGLE FAMILY RESID
LONGITUDE: -95.423824000
LATITUDE: 29.752086000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 206126

ATTENTION OWNER: Confidentiality STATE OF TEXAS
Privilege Notice on Reverse Side WATER WELL REPORT

1) OWNER: GILBREATH, JON L. ADDRESS: 3232 INWOOD CITY: HOUSTON STATE: TX ZIP: -

2) ADDRESS OF WELL: County: HARRIS GRID # 65-13-8
Street or RFD: 3232 INWOOD LAT. -29-45.11 LONG. -095-25.40
City, State, Zip code: HOUSTON, TX -

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: SINGLE FAMILY RESID
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 02226	DIAMETER OF HOLE	7) DRILLING METHOD:	8) BOREHOLE COMPLETION:
DATE DRILLING:	DIAMETER FROM TO	MUD ROTARY	TWO STRING/K-PACKER
STARTED: 10/22/01	8.0 0 368		IF GRAVEL... FROM FT. TO FT.
COMPLETED:	4.875 368 395		FROM FT. TO FT.

CASING, BLANK PIPE, AND WELL SCREEN DATA:					
DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0	N	P.V.C. S.D.R. 17	0	368	CASING
3.0	N	P.V.C. SCH. 40	361	370	LINER
3.0	N	P.V.C. - SLOTTED	370	380	.006
3.0	N	P.V.C. - SLOTTED	380	394	.008
3.0	N	P.V.C. SCH. 40	394	395	LINER

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
3	13	CLAY-GRAY CLAY-TAN
13	40	SAND-RED-FINE BROKEN SAND & CLAY SAND-RED-.006-.008
40	179	CLAY-RED CLAY-TAN
179	208	SAND-TAN-.006-.008 SAND-TAN-.010-.012
208	221	CLAY-RED
221	246	SAND-TAN-.010-.012
246	362	CLAY-RED BROKEN SAND & CLAY CLAY-RED
362	368	ROCK
368	394	SAND-WHITE-.006-.008
394	395	CLAY-RED

9) CEMENTING DATA:
Cemented from 0 FT. TO 368 FT. No. of Sacks Used 65
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AIMS
Distance to septic field lines: N/A ft.
Method of verification of above distance:
CITY SEWER

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 204 FT. DATE: 10/23/01
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:
TYPE DEPTH
K-PACKER 361
K-PACKER 362

13) TYPE PUMP: SUBMERSIBLE DEPTH TO PUMP: 296
14) WELL TEST: JETTED YIELD: 100 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY: TYPE OF WATER: GOOD DEPTH OF STRATA: 395 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2843,2350 FOR TWC USE ONLY
ADDRESS: P.O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578 WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Carl Lyth (signed) _____
(LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)



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SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 324 Distance from Property: 4.27 mi. SSW

TRACK #: 197981

DATE ENTERED: 2009-11-03

OWNER NAME: GROCERS SUPPLY

OWNER ADDRESS: 3131 E HOLCOMBE
HOUSTON, TX 77021

COUNTY: HARRIS

LATITUDE: 29.706112000 LONGITUDE: -95.376944000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=197981&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2009-10-27

DRILLING DATE (COMPLETED): 2009-10-29

DEPTH DRILLED: 400'

WATER LEVEL:

STATIC LEVEL: 190'

WATER LEVEL DATE: NOT REPORTED

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

INDUSTRIAL

COMPANY INFORMATION:

COMPANY NAME: O'DAY DRILLING COMPANY, INC

COMPANY ADDRESS: 5923 CR 931
ROSHARON, TX 77583



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 325 Distance from Property: 4.27 mi. N

STATE ID: **65-14-413**

OWNER'S NAME: **KOPPERS COMPANY, INC.**

DATE DRILLED: **NOT REPORTED**

DEPTH DRILLED: **666'**

WATER USAGE: **UNUSED**

LONGITUDE: **-95.354110000**

LATITUDE: **29.822170000**

SOURCE: **TWDB**

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514413/6514413.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
State ID: 65-14-413

WRD Exp. (GW)
April 1966

Well No. 65-14-413

U. S. DEPT. OF THE INTERIOR

WELL SCHEDULE
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by CH Source of data 1965 Date 9-10-67 Map College Station 1-4-60

State Texas County Harris (or town) 413

Latitude: 29 49 18 N Longitude: 095 21 13 Sequential number: 1

Local well number: 106514413 Other number: 65C

Local use: Well Owner or name: Koppers Co. Inc Address: Houston

Ownership: (M) County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist

Use of water: (X) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, Stock, Instit, Unused, Recharge, Desal-P S, Desal-other.

Use of well: (U) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed

DATA AVAILABLE: Well data (S) Freq. W/L meas.: Semiannually Field aquifer char.

Hyd. lab. data: drop MIS 9-73

Qual. water data: (S) TYPE: drop MIS 9-73

Freq. sampling: 1-28-1942 Pumpage inventory: (S) yes no Period: 1931--

Aperture cards: (S) yes no

Log data: (S)

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 666 ft. 666 Meas. reel

Depth casing: 622 ft. 622 Casing type: 5 : Diam. 8-6 in. 8

Finish: porous gravel v. boris. open perf., screen, ad. pt., shored, other (S)

Method drilled: air bored (H) (I) (P) (R) (T) (V) (W) (X) (Y) (Z) other (H)

Date drilled: before 1931 Pump intake setting: 7-3-4 ft.

Driller: W. M. S. Co. address Passadena, TX

Lift (type): air (A) (B) (C) (J) multiple, piston, rot, submerg, turb, other (N) Deep Shallow

Power (type): diesel (nat) (LP) (gas) (wind) (H.P.) N Trans. of meter no.

Descrip. MP Top of 1" pipe + 10 ft below SP, Alt. MP 6.5

Alt. LSD: 6.4 Accuracy: Tap 5'

Water Level: 252.54 ft above below MP; Ft. 252 Accuracy: Meas

Date meas: 2-9-67 Yield: 2.67 gpm Method determined: gpm

Drawdown: 0 ft Accuracy: 0 Pumping period: 0 hrs

QUALITY OF WATER DATA: Iron 0 ppm Sulfate 0 ppm Chloride 0 ppm Hard. 0 ppm

Sp. Conduct 0 $\times 10^6$ Temp. 0 $^{\circ}$ F 0 $^{\circ}$ C 0 Duct sampled 0

Taste, color, etc. 0

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 2
State ID: 65-14-413

Well No. 622-666

Latitude-Longitude 30° 15' 00" N 97° 31' 43" W

HYDROGEOLOGIC CARD

SAHE AS ON MASTER CARD

Physiographic Province: Coastal Plain Section: Western

Drainage Basin: SIR

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (C) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system T series 7 aquifer, formation, group E

Lithology: 44 Length of well open to: 44 ft. Depth to top of: 44 ft.

MINOR AQUIFER: system 44 series 44 aquifer, formation, group 44

Lithology: 44 Length of well open to: 44 ft. Depth to top of: 44 ft.

Intervals Screened: 622-666'

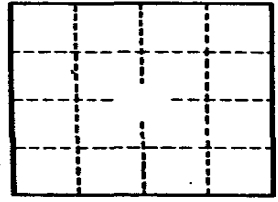
Depth to consolidated rock: 44 ft. Source of data: 44

Depth to basement: 44 ft. Source of data: 44

Surficial material: 44 Infiltration characteristics: 44

Coefficient of storage: 44 spm/ft. Number of geologic cards: 44

c 59
622' of B " 0-622' formerly Texas
44' of G " 622-666' Croston Co.
1.



Well No. 622-666

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 325 Distance from Property: 4.27 mi. N

STATE ID: **65-14-414**

OWNER'S NAME: **KOPPERS COMPANY, INC.**

DATE DRILLED: **00/00/1946**

DEPTH DRILLED: **661'**

WATER USAGE: **UNUSED**

LONGITUDE: **-95.354120000**

LATITUDE: **29.822190000**

SOURCE: **TWDB**

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514414/6514414.pdf>



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 326 Distance from Property: 4.28 mi. WSW

ID NUMBER: TX204739
STATE ID : N/A
OWNER NAME: MISTER CAR WASH
DATE DRILLED: 09/03/1994
DEPTH DRILLED: 582'
STATIC LEVEL: 175'
WATER USAGE: IRRIGATION
LONGITUDE: -95.419314000
LATITUDE: 29.736684000
2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 204739

(4)

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION CALLER: Confidentiality Privileged Notice on Reverse Side		State of Texas WELL REPORT		Texas Water Well Drillers Board P.O. Box 13087 Austin, TX 78711-3087 512-371-6299	
1) OWNER <u>Mister Car Wash</u>		ADDRESS <u>3150 Kirby</u>		Houston, Tx.	
(Name)		(Street or RFD)		(City) (State) (Zip)	
2) LOCATION OF WELL: County <u>Harris</u>		4 mi miles in <u>W</u> direction from <u>Houston</u>		(Town)	
(NE, SW, etc.)					
Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.					
<input type="checkbox"/> LEGAL DESCRIPTION: Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____					
<input type="checkbox"/> Distance and direction from two intersecting section or survey lines _____					
<input type="checkbox"/> SEE ATTACHED MAP					
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Monitor <input type="checkbox"/> Public Supply <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Test Well <input type="checkbox"/> Injection <input type="checkbox"/> De-Watering		5) DRILLING METHOD (Check): <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Air Hammer <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Air Rotary <input type="checkbox"/> Cable Tool <input type="checkbox"/> Other _____	
6) WELL LOG: Date Drilling: <u>8/31</u> 19 <u>94</u> Started <u>9/3</u> 19 <u>94</u> Completed _____ 19____		DIAMETER OF HOLE Dia. (in.) From (ft.) To (ft.) <u>7 7/8</u> Surface <u>582</u>		7) BOREHOLE COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input checked="" type="checkbox"/> Other <u>2 String Cemented</u> If Gravel Packed give interval . . . from _____ ft. to _____ ft.	
From (ft.) To (ft.) Description and color of formation material		8) CASING, BLANK PIPE, AND WELL SCREEN DATA:			
		Dia. (in.) New or Used Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial		Setting (ft.) Gage Casting Screen	
				From To	
0 - 30 Clay		5 N PVC Casing		0 490 Sch 40	
30 - 200 Sand		2 1/2 N PVC Liner		502 482 Sch 40	
200 - 260 Clay		2 1/2 N PVC Screen		502 582 .012	
260 - 270 Rock					
270 - 300 Shale					
300 - 380 Clay					
380 - 582 Sand					
		9) CEMENTING DATA [Rule 287.44(1)] Cemented from <u>480</u> ft. to <u>0</u> ft. No. of Sacks Used <u>24</u> <u>0</u> ft. to <u>15</u> ft. No. of Sacks Used <u>10</u> Cement used <u>Halliburton</u> Cemented by <u>RWW</u>			
(Use reverse side if necessary)					
13) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowls, cylinder, jet, etc., <u>357</u> ft.		10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Slab Installed [Rule 287.44(2)(A)] <input checked="" type="checkbox"/> Specified Steel Sleeve Installed [Rule 287.44(3)(A)] <input type="checkbox"/> Pitless Adapter Used [Rule 287.44(3)(B)] <input type="checkbox"/> Approved Alternative Procedure Used [Rule 287.71]			
14) WELL TESTS: Type Test: <input type="checkbox"/> Pump <input type="checkbox"/> Bailor <input checked="" type="checkbox"/> Jetted <input type="checkbox"/> Estimated Yield: _____ gpm with _____ ft. drawdown after _____ hrs.		11) WATER LEVEL: Static level <u>175</u> ft. below land surface Date <u>9/3/94</u> Artesian flow _____ gpm. Date _____			
15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		12) PACKERS: Type Depth <u>K</u> <u>482</u>			
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.					
COMPANY NAME <u>Robinson Water Well Ser., Inc.</u>		WELL DRILLER'S LICENSE NO. <u>2212</u>			
ADDRESS <u>11819 W. Montgomery</u>		<u>Houston, Texas 77086</u>			
(Type or print)		(City) (State) (Zip)			
(Signed) <u>Jim Robinson</u>		(Signed) _____			
(Licensed Well Driller)		(Registered Driller Trainee)			
Please attach electric log, chemical analysis, and other pertinent information, if available.				For TWC use only: Well No. _____ Located on map _____	

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TEXAS ENVIRONMENTAL QUALITY COMMISSION

TWC-0199 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY

204739



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 326 Distance from Property: 4.28 mi. WSW

WELL ID: **4959**
OWNERS NAME: **CWP ASSET CORP./MISTER CAR WASH**
YEAR DRILLED: **1994**
DEPTH DRILLED: **550'**
STATIC LEVEL: **525'**
WATER USAGE: **OTHER**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.419314000**
LATITUDE: **29.736684000**
SOURCE: **HGSD**



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 327 Distance from Property: 4.28 mi. S

ID NUMBER: TX200244
STATE ID : N/A
OWNER NAME: MONTGOMERY SIGN SERVICE
DATE DRILLED: 10/21/1970
DEPTH DRILLED: 67'
STATIC LEVEL: 31'
WATER USAGE: DOMESTIC
LONGITUDE: -95.356348000
LATITUDE: 29.698119000
1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 200244

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711		State of Texas WATER WELL REPORT		For TWDB use only Well No. _____ Located on map _____ Received: _____	
1) OWNER: Person having well drilled <u>Montgomery Dixon Downing</u> Address <u>6016 St. Augustine Ct Houston, Texas</u> (Name) (Street or RFD) (City) (State) Landowner <u>Dixon</u> Address _____ (Name) (Street or RFD) (City) (State)					
2) LOCATION OF WELL: County <u>Harris</u> , _____ miles in _____ direction from _____ (N.E., S.W., etc.) (Town) Locate by sketch map showing landmarks, roads, creeks, OR Give legal location with distances and directions from highway number, etc.* adjacent sections or survey lines. <div style="text-align: center;">North ↑</div> (Use reverse side if necessary) Labor _____ League _____ Block _____ Survey _____ Abstract No. _____ (NW¼ NE¼ SW¼ SE¼) of Section _____					
3) TYPE OF WORK (Check): New Well <input checked="" type="checkbox"/> Deepening _____ Reconditioning _____ Plugging _____		4) PROPOSED USE (Check): Domestic <input checked="" type="checkbox"/> Industrial _____ Municipal _____ Irrigation _____ Test Well _____ Other _____		5) TYPE OF WELL (Check): Rotary <input checked="" type="checkbox"/> Driven _____ Dug _____ Cable _____ Jetted _____ Bored _____	
6) WELL LOG: Diameter of hole <u>2"</u> in. Depth drilled <u>67</u> ft. Depth of completed well <u>67</u> ft. Date drilled <u>10-21-70</u> All measurements made from <u>0</u> ft. above ground level.					
From To Description and color of formation material			9) CASING: Type: Old _____ New <input checked="" type="checkbox"/> Steel _____ Plastic _____ Other _____ Cemented from _____ ft. to _____ ft.		
56 67 Sand			Diameter (inches) _____ Setting From (ft.) To (ft.) Casing		
			2" 65 61		
10) SCREEN: Type <u>Wilson</u> Perforated <input checked="" type="checkbox"/> Slotted _____ Diameter (inches) _____ Setting From (ft.) To (ft.) Slot Size					
2" 61 67					
(Use reverse side if necessary)					
7) COMPLETION (Check): Straight wall <input checked="" type="checkbox"/> Gravel packed _____ Other _____ Under reamed _____ Open Hole _____			11) WELL TESTS: Was a pump test made? Yes No If yes, by whom? Yield: _____ gpm with _____ ft. drawdown after _____ hrs. Ballor test _____ gpm with _____ ft. drawdown after _____ hrs. Artesian flow _____ gpm Temperature of water _____		
8) WATER LEVEL: Static level <u>31</u> ft. below land surface Date <u>10-21-70</u> Artesian pressure _____ lbs. per square inch Date _____ Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.			12) WATER QUALITY: Was a chemical analysis made? Yes No Did any strata contain undesirable water? Yes No Type of water? _____ depth of strata _____		
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.					
NAME <u>Leon Dixon Davis</u> (Type or Print)		Water Well Drillers Registration No. <u>316</u>			
ADDRESS <u>6017 St. Augustine Ct Houston, Texas</u> (Street or RFD) (City) (State)		MEXICO WATER WELL SERVICE COMPANY (Company Name)			
(Signed)  (Water Well Driller)					

TV65022022

*Additional instructions on reverse side.
TWDBE-CW-53



WATER UTILITY DATABASE (WUD)

MAP ID# 328 Distance from Property: 4.28 mi. N

PWSID: 1010013
SOURCE ID: G1010013MX
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 05/00/1945
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.348052980
LATITUDE: 29.821945190

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 328 Distance from Property: 4.28 mi. N

STATE ID: **65-14-410**

OWNER'S NAME: **CITY OF HOUSTON HUNTINGTON**

DATE DRILLED: **05/00/1945**

DEPTH DRILLED: **1100'**

WATER USAGE: **UNUSED**

LONGITUDE: **-95.348570000**

LATITUDE: **29.822210000**

SOURCE: **TWDB**

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514410/6514410.pdf>



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 329 Distance from Property: 4.29 mi. WNW

ID NUMBER: TX206124
STATE ID : 65-13-8
OWNER NAME: JESTER APARTMENTS PARTNERS
DATE DRILLED: 03/05/2002
DEPTH DRILLED: 393'
STATIC LEVEL: 214'
WATER USAGE: IRRIGATION
LONGITUDE: -95.418903000
LATITUDE: 29.784997000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 206124

ATTENTION OWNER: Confidentiality STATE OF TEXAS
 Privilege Notice on Reverse Side WATER WELL REPORT
) OWNER: JESTER APARTMENT PARTNERS ADDRESS: 2700 POST OAK SUITE 2450 CITY: HOUSTON STATE: TX ZIP: 77056-

2) ADDRESS OF WELL: County: HARRIS GRID # 65-13-08
 Street or RFD: 701 T.C. JESTER SUBSUBSIDENCE DISTRICT WELL # 8849
 City, State, Zip code: HOUSTON TX 77008-

1) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION
 If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 00552 DIAMETER OF HOLE 7) DRILLING METHOD: 8) BOREHOLE COMPLETION:
 DIAMETER FROM TO MUD ROTARY TWO-STRING
 DATE DRILLING: STARTED: 01/14/02 7.75 -0- 381 4.75 381 393 IF GRAVEL... FROM FT. TO FT.
 COMPLETED: 03/05/02 FROM FT. TO FT.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0	N	PVC WELL CASING	+2	381	SDR-17
2.5	N	PVC BLANK PIPE	376	382	SCH 80
2.5	N	STAINLESS ROD BASE	382	392	8 GA
2.5	N	NIP W/BACKWASH VALVE	392	393	SCH 80

9) GEOLOGICAL DESCRIPTION:
 FROM TO DESCRIPTION
 0 20 FILL DIRT, CLAY BREAK, ROCK HARD ROCK
 20 60 CLAY SAND RED CLAY
 60 80 RED CLAY GRAY CLAY
 80 138 SAND
 138 177 CLAY, SAND, CLAY SAND SHALE,
 177 230 SAND
 230 262 CLAY
 262 294 SAND SAND ROCK SAND
 294 320 ROCK CLAY CLAY
 320 340 SHALE, ROCK SAND
 340 360 SHALE, ROCK SANDY SHALE
 360 378 SHALE,
 378 392 SAND SAND SAND
 392 393 CLAY

9) CEMENTING DATA:
 Cemented from No. of Sacks Used
 381 FT. TO 200 FT. 18
 1 FT. TO 20 FT. 4
 Method used: HALLIBURTON METHOD
 Cemented by: GDI LOWER PRESSURED
 Distance to septic field lines: n/a ft.
 Method of verification of above distance:
 NONE TO INSTALL

10) SURFACE COMPLETION:
 PILESS ADAPTER USED

11) WATER LEVEL:
 STATIC LEVEL : 214 FT. DATE: 01/15/02
 ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH
 FORMATION PACKER 20
 BP-SEAL 376

3) TYPE PUMP: SUBMERSIBLE 14) WELL TEST: JETTED
 DEPTH TO PUMP: 320 YIELD: 75 GPM WITH FT DRAWDOWN AFTER HRS

5) WATER QUALITY: TYPE OF WATER: GOOD DEPTH OF STRATA: 14 NO CHEMICAL ANALYSIS MADE
 NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: GEOPHYSICAL DRILLING, INC. WATER WELL DRILLER'S LICENSE NO.: 2888 WI ; FOR TWC USE ONLY
 ADDRESS: P.O. BOX 664 CITY: FULSHEAR STATE: TX ZIP CODE: 77441 ; WELL NO. _____
 ; LOCATED ON MAP _____

HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN
 ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE
 OG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Dreg D. Hill (signed) _____
 (LICENSED WATER WELL DRILLER)

(signed) Travis Otto
 (REGISTERED DRILLER TRAINEE)

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MAR 15 2002	
RECEIPT #	AMOUNT

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 329 Distance from Property: 4.29 mi. WNW

WELL ID: **8849**
OWNERS NAME: **STONEWOOD APARTMENTS**
YEAR DRILLED: **2002**
DEPTH DRILLED: **450'**
STATIC LEVEL: **430'**
WATER USAGE: **OTHER**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.418889000**
LATITUDE: **29.785000000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 330 Distance from Property: 4.30 mi. ENE

STATE ID: 65-14-904

OWNER'S NAME: HYDRILL OIL TOOL

DATE DRILLED: 00/00/1943

DEPTH DRILLED: 403'

WATER USAGE: IRRIGATION

LONGITUDE: -95.287240000

LATITUDE: 29.785130000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514904/6514904.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-904

Texas Water Development Board Well Schedule

State Well Number 6514904 Previous Well Number _____ County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294706 Longitude 951711 Source of Coords 2

Owner's Well No. _____ Location _____
Owner Hydrill Oil Tool Driller Layne Texas Co.

Address _____ Tenant/Oper. _____

Date Drilled / /1943 Depth 403 Source of Depth _____ Altitude 44 Source of Alt. _____
Well Type W User _____

WELL CONSTRUCTION Const-Method _____ Completion _____ Casing Material _____ Screen Material _____ Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - TURBINE PUMP No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - IRRIGATION Secondary - _____ Tertiary - _____

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - _____ Other Data - _____

WATER LEVELS 1 measurement
1950
-73

Recorded By _____ Date Record Collected or Updated - 09/30/2002
Reporting Agency 01

REMARKS -
TWDB R178: Screen from 361 to 381 ft.

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER,LOWER

Well Number - 6514904

Wednesday, October 13, 2004



HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 331 Distance from Property: 4.31 mi. NNW

WELL ID: 2348
OWNERS NAME: SOUTHERN STAR CONCRETE, INC.
YEAR DRILLED: 1974
DEPTH DRILLED: 548'
STATIC LEVEL: 508'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.372196000
LATITUDE: 29.820514000
SOURCE: HGSD



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 331 Distance from Property: 4.31 mi. NNW

STATE ID: 65-14-419
OWNER'S NAME: LONE STAR CEMENT CO.
DATE DRILLED: 00/00/1967
DEPTH DRILLED: 465'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.372196000
LATITUDE: 29.820514000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514419/6514419.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-419

TEXAS WATER DEVELOPMENT BOARD WELL SCHEDULE

State Well Number - 65 14 419 Previous Well Number - County - Harris 201
 River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 49 14 Longitude - 95 22 19 Source of Coords - 1
 Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____
 Owner - Lone Star Cement Co. Driller - Lowry Water Wells

Address _____ Tenant/Oper. _____
 Date Drilled - / /1967 Depth - 465 ft. Source of Depth - Altitude - 69 ft. Source of Alt. -
 Aquifer - 112CHCTL CHICOT AQUIFER, LOWER Well Type - W User -
 WELL Const. _____ Casing Material - _____ | Casing or Blank Pipe (C)
 CONSTRUCTION Method - _____ Screen _____ | Well Screen or Slotted Zone (
 Completion - _____ Material - _____ | Open Hole (O)
 | Cemented from _____ to _____
 LIFT DATA - Pump Mfr. _____ Type - SUBMERSIBLE PUMP No. Stages _____ | Diam. Setting(feet)
 | (in.) From To
 Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in. |
 Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - 20 |
 1|
 2|
 3|
 YIELD Flow- _____ GPM Pump- _____ GPM Meas., Rept., Est- _____ Date- _____ |
 4|
 5|
 PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM |
 6|
 7|
 Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft |
 8|
 9|
 QUALITY (Remarks- _____ |
 10|
 11|
 WATER USE Primary- INDUSTRIAL Secondary- _____ Tertiary- _____ |
 12|
 13|
 OTHER DATA AVAILABLE Water Levels- M Quality- Y Logs- Other Data- |
 14|
 15|
 WATER LEVELS Date- 12/20/1967 Measurement- -226.00 |
 16|
 17|
 Date- / / Measurement- |
 18|
 19|
 Recorded By _____ Date Record Collected or Updated- / / |

 Reporting Agency -
 REMARKS -
 Screen from 445 to 463 ft.

Aquifer - 112CHCTL
Well No. - 65 14 419



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 331 Distance from Property: 4.31 mi. NNW

ID NUMBER: TX208286
STATE ID : 65-14-2M
OWNER NAME: LONE STAR INDUSTRIES
DATE DRILLED: 10/24/1974
DEPTH DRILLED: 548'
STATIC LEVEL: 257'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.372196000
LATITUDE: 29.820514000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
 Water Well ID: 208286

2) LOCATION OF WELL:

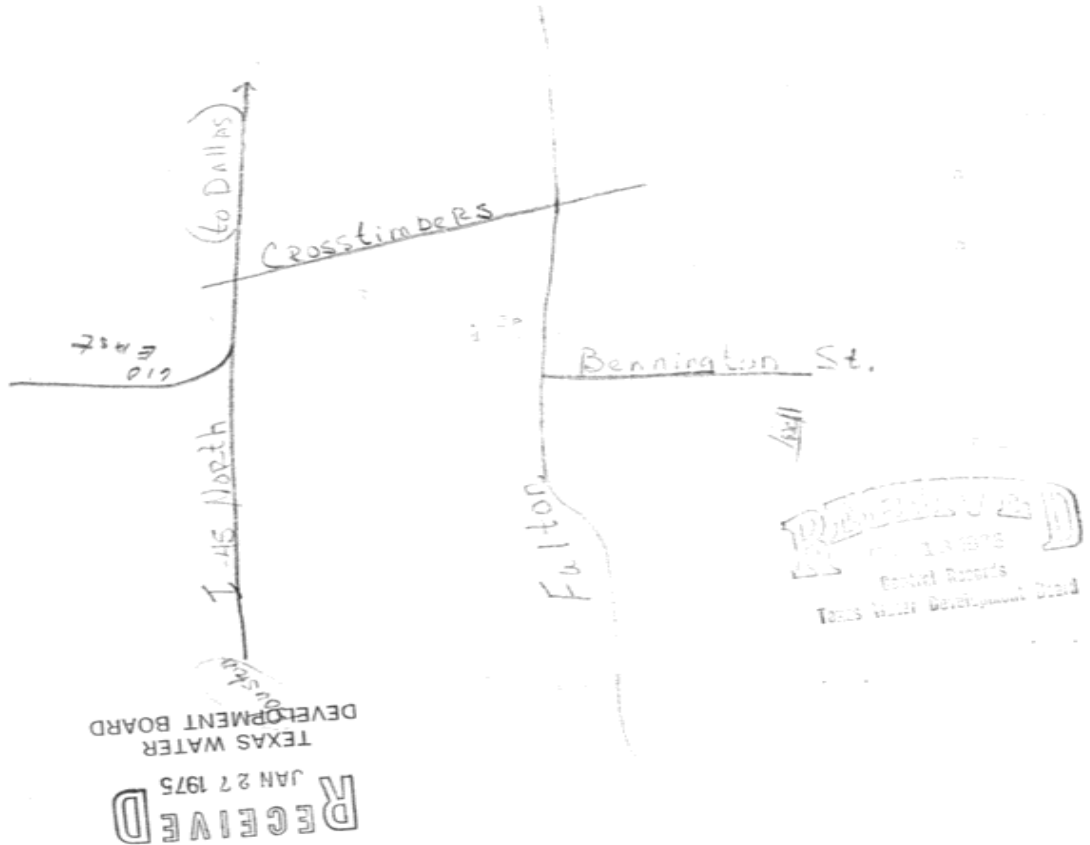
The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area. e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-GW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.

264	288	Clay & Sand
288	312	Sand & small rock
312	336	Clay & rock
336	360	Sand & clay
360	384	Sand & rock
384	408	Clay & Sand
408	432	Broken Sand
432	456	Broken Sand
456	480	Sand & Clay
480	504	Sand & Rock
504	528	Sand
528	548	Clay



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 208286

Send original copy by certified mail to the Texas Water Development Board, P. O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TWDB use only
Well No. 65-14-2M
Located on map 251
Received: 2/2/82
dlc

1) OWNER:
Person having well drilled Lone Star Industries Address Bennington St, Houston, TX
(Name) (Street or RFD) (City) (State)
Landowner SAME Address Same
(Name) (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris miles in _____ direction from _____
(N.E., S.W., etc.) (Town)
Locate by sketch map showing landmarks, roads, creeks, highway number, etc.*
SEE REVERSE SIDE
North
↑
(Use reverse side if necessary)

3) TYPE OF WORK (Check):
New Well Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6 in. Depth drilled 548 ft. Depth of completed well 548 ft. Date drilled 10-24-74
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	24	Surface clay
24	48	Clay
48	72	Clay & Shell
72	96	Clay & Loose Sand
96	120	Sand & Shell
120	144	Clay and Sand
144	168	Sand & Clay
168	192	Sand & Gravel
192	216	Sand & Gravel
216	240	Sand & Gravel
240	264	Sand & Clay

9) CASING:
Type: Old _____ New _____ Steel _____ Plastic Other _____
Cemented from _____ ft. to _____ ft.
Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Casing _____

10) SCREEN:
Type Stainless steel rod base
Perforated Slotted _____
Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Slot Size _____
#12 gauge 528 548
4" galv. 503 528
15' of 4" Blank 488 503

11) WELL TESTS:
Was a pump test made? Yes _____ No If yes, by whom? _____
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes _____ No
Did any strata contain undesirable water? Yes _____ No _____
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME R. B. Lowry Water Well Drillers Registration No. 146
(Type or Print)
ADDRESS 4012 Fulton; P. O. Box 8787; Houston, TX 77009
(Street or RFD) (City) (State)
Signed) R. B. Lowry Lowry Water Wells
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.
Additional instructions on reverse side.

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 331 Distance from Property: 4.31 mi. NNW

TRACK #: 23463

DATE ENTERED: 2003-07-29

OWNER NAME: HANSON CONCRETE

OWNER ADDRESS: 3600 SOUTH GESSNER SUTIE 160
HOUSTON, TX 77063

COUNTY: HARRIS

LATITUDE: 29.820833000 LONGITUDE: -95.371944000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=23463&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2003-07-16

DRILLING DATE (COMPLETED): 2003-07-18

DEPTH DRILLED: 504'

WATER LEVEL:

STATIC LEVEL: 220'

WATER LEVEL DATE: 2003-07-18

TYPE OF WATER: DESIRABLE

TYPE OF WORK:

NEW WELL

PROPOSED USE:

INDUSTRIAL

COMPANY INFORMATION:

COMPANY NAME: WEISINGER WATER WELL, INC.

COMPANY ADDRESS: 2200 EAST DAVIS
CONROE, TX 77301



www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 331 Distance from Property: 4.31 mi. NNW

WELL ID: **9533**
OWNERS NAME: **SOUTHERN STAR CONCRETE, INC.**
YEAR DRILLED: **2003**
DEPTH DRILLED: **500'**
STATIC LEVEL: **480'**
WATER USAGE: **INDUSTRIAL**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.372196000**
LATITUDE: **29.820514000**
SOURCE: **HGSD**



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SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 332 Distance from Property: 4.31 mi. W

TRACK #: 222014

DATE ENTERED: 2010-07-06

OWNER NAME: DON CHALMERS

OWNER ADDRESS: 3246 INWOOD DR.
HOUSTON, TX 77019

COUNTY: HARRIS

LATITUDE: 29.750278000 LONGITUDE: -95.424722000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=222014&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2010-06-02

DRILLING DATE (COMPLETED): 2010-06-07

DEPTH DRILLED: 400'

WATER LEVEL:

STATIC LEVEL: 190'

WATER LEVEL DATE: 2010-06-16

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

REPLACEMENT

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: SCOTT DRILLING, INC.

COMPANY ADDRESS: 11923 GREEN PINES CIRCLE
HOUSTON, TX 77066



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SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 332 Distance from Property: 4.31 mi. W

TRACK #: 199502

DATE ENTERED: 2009-11-19

OWNER NAME: MOSING, KEITH

OWNER ADDRESS: 10260 WESTHEIMER #700
HOUSTON, TX 77042

COUNTY: HARRIS

LATITUDE: 29.751112000 LONGITUDE: -95.425833000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=199502&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2009-11-13

DRILLING DATE (COMPLETED): 2009-11-14

DEPTH DRILLED: 402'

WATER LEVEL:

STATIC LEVEL: 190'

WATER LEVEL DATE: NOT REPORTED

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: O'DAY DRILLING COMPANY, INC

COMPANY ADDRESS: 5923 CR 931
ROSHARON, TX 77583

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 332 Distance from Property: 4.31 mi. W

STATE ID: 65-13-814
OWNER'S NAME: H. R. CULLEN
DATE DRILLED: 00/00/1935
DEPTH DRILLED: 1084'
WATER USAGE: DOMESTIC
LONGITUDE: -95.424660000
LATITUDE: 29.751830000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513814/6513814.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 333 Distance from Property: 4.32 mi. NE

STATE ID: **65-14-521**
OWNER'S NAME: **HERRIN TRANSPORTATION CO.**
DATE DRILLED: **02/00/1968**
DEPTH DRILLED: **503'**
WATER USAGE: **DOMESTIC**
LONGITUDE: **-95.311810000**
LATITUDE: **29.811530000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514521/6514521.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-521

Texas Water Development Board Well Schedule

State Well Number 6514521 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone Latitude 294847 Longitude 951842 Source of Coords 2

Owner's Well No. _____ Location _____
Owner: Herrin Transportation Co. Driller: Lowry Water Wells

Address _____ Tenant/Oper. _____

Date Drilled 02/36/1968 Depth 503 Source of Depth L Altitude 50 Source of Alt. M
Well Type W User

WELL CONSTRUCTION Const-Method Casing Material Screen Material Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____
Completion

LIFT DATA - Pump Mfr. - _____ Type - SUBMERSIBLE PUMP No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - 5.0
YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - DOMESTIC Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - N Quality - N Logs - Other Data -

WATER LEVELS

Recorded By _____ Date Record Collected or Updated -
Reporting Agency 02

REMARKS -

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER,LOWER

Friday, June 08, 2007

Well Number - 6514521



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 334 Distance from Property: 4.32 mi. NW

WELL ID: **1069**
OWNERS NAME: **HOUSTON, CITY OF**
YEAR DRILLED: **1965**
DEPTH DRILLED: **1730'**
STATIC LEVEL: **620'**
WATER USAGE: **PUBLIC SUPPLY**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.405269000**
LATITUDE: **29.803598000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 334 Distance from Property: 4.32 mi. NW

STATE ID: 65-13-624
OWNER'S NAME: CITY OF HOUSTON HEIGHTS #17
DATE DRILLED: 02/00/1965
DEPTH DRILLED: 1730'
WATER USAGE: PUBLIC SUPPLY
LONGITUDE: -95.405260000
LATITUDE: 29.803590000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513624/6513624.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 7
State ID: 65-13-624

WRD Exp. (GW)
April 1966

Well No. LJ-65-13-624

WELL SCHEDULE
GEOLOGICAL SURVEY

U. S. DEPT. OF THE INTERIOR

WATER RESOURCES DIVISION

MASTER CARD

Record by McAdoo Gebryach Source of data File Date 2-16-68 Map 1:24000 Houston Heights 1855

State Texas 16 County Harris 24 L.J.

Latitude: 29° 48' 12" N Longitude: 095° 24' 16" W Sequential number: 1

Local well number: LJ-65-13-624 Other number: #17

Local use: _____ Owner or name: City of Houston

Ownership: County, Fed Gov't., City, Corp or Co., Private, State Agency, Water Dist M

Use of water: _____ Address: Heights Plant

Use of well: _____

DATA AVAILABLE: Well data 1 Freq. W/L meas.: Annual Field aquifer char. _____

Hyd. lab. data: _____

Qual. water date; type: _____

Freq. sampling: 3-12-65 Pumpage inventory: _____

Aperture cards: _____

Log data: E-Log T-54

WELL-DESCRIPTION CARD

Depth well: 1730 ft. Mess. Driller

Depth cased: 620 ft. Casing type: 5 Dia. 24 1/2"

Finish: _____

Method drilled: _____

Data drilled: Feb 1965 Pump intake setting: _____ ft.

Driller: Katy Drilling Co. Katy Texas

Life: _____

Power: _____

Descrip. MP Breather Hole +325 ft. Alt. MP _____

Alt. LSD: 67 Accuracy: 6.7

Water level: 287.27 ft. Accuracy: MCCS

Date mean: 3-12-65 Yield: 3146 gpm Method determined: 4

Drawdown: 100 ft. Accuracy: 100 Pumping period: 48 hrs.

QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____

Sp. Conduct _____ Temp. _____

Taste, color, etc. _____

PL 387.611
25727
10034

Well No. LJ-65-13-624

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 7
State ID: 65-13-624

Well No. LJ-65-13-624

Latitude-longitude 29.98.13 S 95.24.16 W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: Coastal Plain Section: 03

Drainage Basin: F Subbasin: SILP

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series T aquifer, formation, group E

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: 412 ft Depth to top of: 412 ft

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: * 620 - 1720. 52 screens.

Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration Characteristics: _____

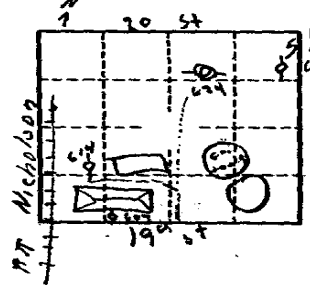
Coefficient Trans: _____ spd/ft _____ Coefficient Storage: _____

Coefficient Perm: L spd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

* SCREENS;

620-658.9	40
684.6-714.6	30
784.4-824.4	40
870.4-900.6	30
975.2-1000.2	25
1015.5-1045.4	30
1065.3-1100.3	35
1105.6-1131.2	26
1150.5-1170.5	20
1200.6-1240.4	40
1347.2-1366.3	19
1420.7-1446.0	26
1620.8-1660.8	40
1705.0-1720.	15
TD = 1730	416

59;
24" 0-590
12" 498-1730



Well No. LJ-65-13-624

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

020970

Latitude 29 48 12 Longitude 09 52 41 Seq. No. 601

County code 201 County HARRIS

Well # LJ-65-13-624

Project number 7-4648-01000

Date 2-8-77 Time _____ Temp °C 27.0

Owner City of Houston

Address Heights #17

Date drld 1965 WBF code 2/EVEL

Sample interval: (top) 620 (bottom) 1720

Water level _____ Appr Clear Use PS

Collector Peters Yield _____ GPM _____

Smpld aftr pmpg _____ Depth _____

Pt of coll Tap on discharge

Field: Cond _____ pH _____ HCO₃ _____ DO _____

Indicate types of analyses

Coliform _____ Phenols _____ Minors _____

Nutrients _____ MBAS _____ BOD _____ TOC _____ DOC _____

Std chem schedule _____

Other I

Herbicide _____ Insecticide _____

Remarks:

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	7 2 0 0 4			
DO (mg/l)	0 0 3 0 0			
DO % Sat.	0 0 3 0 1			
Temp °C	0 0 0 1 0	27.00	0.2	27.0
pH	0 0 4 0 0	7.800	0.1	7.8
Specific conductance	0 0 0 9 5	720.0	0.3	720
HCO ₃	0 0 4 4 0	332.0	0.3	332
CO ₃	0 0 4 4 5	000.0	0.1	0
Chloride (Cl)	0 0 9 4 0	650.0	0.2	65
Sulfate (SO ₄)	0 0 9 4 5	640.0	0.1	6.4
Color	0 0 0 8 0			
Coliform, membrane filter	3 1 5 0 1			
Coliform, fecal	3 1 6 2 5			
Strep-tococci	3 1 6 7 3			
BOD	0 0 3 1 0			

Type 2 Station identification number 29 48 12 09 52 41 601

Y M D Time of measurement

17 Begin 22 29 32

Depth	Parameter code	Value	Exp.	Rmk
	7 2 0 0 8			
Yield (GPM)	0 0 0 5 9			
Sample interval JP	7 2 0 1 5	620.0	0.3	
Sample interval BOTTOM	7 2 0 1 6	1720	0.4	
Water level	7 2 0 1 9			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

LX-73Q
(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

017559

Latitude 29 48 12 Longitude 095 24 16 01 Seq. No. 01

County code 201 County Harris

Well # LS-65-13-624

Project number 4648-01000

Date 2-4-76 Time Temp °C 27.5

Owner City of Houston

Address Heights #17

Date drld WBF code 121-EVGL

Sample interval: (top) 620 (bottom) 1720

Water level Appr clear Use PS

Collector Nuttel Yield GPM

Smpld aftr pmpg on arrival Depth

Pt of coll Tap on discharge

Field: Cond pH HCO₃ DO

Indicate types of analyses

Coliform Phenols Minors
1 riants MBAS BOD TOC DOC

Std chem schedule

Other

Herbicide Insecticide

Remarks:

Type 2 Station identification number 29 48 12 09 52 41 6 01

Y 76 M 02 D 04 Time of measurement

17 Begin 22 29 32

Depth Parameter code 72008 Value Exp. Rmk

Yield (GPM) Parameter code 00059 Value Exp. Rmk

Sample interval Parameter code 72015 Value 6200 Exp. 03 Rmk

Sample interval Parameter code 72016 Value 1720 Exp. 04 Rmk

Water level Parameter code 72019 Value Exp. Rmk

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	72004			
DO (mg/l)	00300			
DO % Sat.	00301			
Temp °C	00010	27.50	02	27.5
pH	00400	7.900	01	7.9
Specific conductance	00095	7110	03	711
HCO ₃	00440	3260	03	326
CO ₃	00445	0000	01	0
Chloride (Cl)	00940	6300	02	63
Sulfate (SO ₄)	00945	9200	01	9.2
Color	00080			
Coliform, membrane filter	31501			
Coliform, fecal	31616			
Strep-tococci	31679			
BOD	00310			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

015479

Latitude 94812 Longitude 0952416 Seq. No. 1

County code 201 County HARRIS

Well # LJ-65-13-624

Project number 564801000

Date 4-15-75 Time _____ Temp °C 28.0

Owner City of Houston

Address HEIGHTS No. 17

Date drld 2-65 WBF code 112 Engl

Sample interval: (top) 620 (bottom) 1720

Water level _____ Appr _____ Use P.S.

Collector Vaught Yield _____ GPM

Smpld aftr pmpg _____ Depth _____

Pt of coll Faucet on side of pipe

Field: Cond _____ pH _____ HCO₃ _____ DO _____

Indicate types of analyses

Coliform Phenols Minors
I rients MBAS BOD TOC DOC

Std chem schedule I + SO₄

Other _____

Herbicide _____ Insecticide _____

Remarks:

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	7,2,0,0,4			
DO (mg/l)	0,0,3,0,0			
DO % Sat.	0,0,3,0,1			
Temp °C	0,0,0,1,0	28.00	0.2	28.0
pH	0,0,4,0,0	7.500	0.1	7.5
Specific conductance	0,0,0,9,5	71.40	0.3	71.4
HCO ₃	0,0,4,4,0	31.90	0.3	31.9
CO ₃	0,0,4,4,5	00.00	0.1	0
Chloride (Cl)	0,0,9,4,0	69.00	0.2	69
Sulfate (SO ₄)	0,0,9,4,5	80.00	0.1	8.0
Color	0,0,0,8,0			
Coliform, membrane filter	3,1,5,0,1			
Coliform, fecal	3,1,6,1,6			
Strep-tococci	3,1,6,7,9			
BOD	0,0,3,1,0			

Type 2 Station identification number 294812095241601

Y M D Time of measurement
750415 _____

17 Begin 22 29 32

Depth	Parameter code	Value	Exp.	Rmk
	7,2,0,0,8			
Yield (GPM)	0,0,0,5,9			
Sample interval	7,2,0,1,5	6200	0.3	
Sample interval BOTTOM	7,2,0,1,6	1720	0.4	

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 6 out of 7
State ID: 65-13-624

010001

Latitude 294812 Longitude 095241601 Seq. No. 010001
 County code 101 County HARRIS
 Well # LJ-65-13-624
 Project number T-4648-01000
 Date 9-17-76 Time 0945 Temp °C 7
 Owner City of Houston
 Address Heights # 17
 Date drld _____ WBF code 121 Eval
 Sample interval: (top) 620 (bottom) 1720
 Water level _____ Appr Clear Use PS
 Collector BEZANT Yield _____ GPM
 Smpld aftr pmp on ARRIVAL Depth _____
 Pt of coll TAP ON DISCHARGE
 Field: Cond _____ pH _____ HCO₃ _____ DO _____

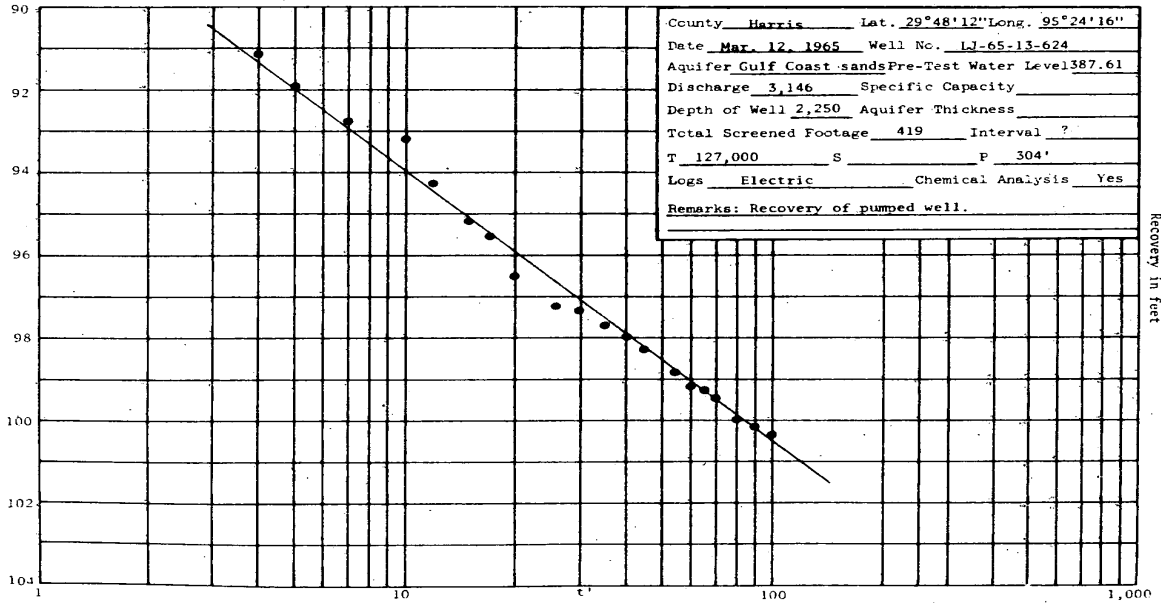
Indicate types of analyses
 Coliform Phenols Minors
 Nutrients MBAS BOD TOC DOC
 Std chem schedule I
 Other _____
 Herbicide _____ Insecticide _____
 Remarks:

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	72004			
DO (mg/l)	00300			
DO % Sat.	00301			
Temp °C	00010			
pH	00400	7.800	0.1	7.8
Specific conductance	00095	7190	0.3	71.9
HCO ₃	00440	3320	0.3	33.2
CO ₃	00445	0000	0.1	0
Chloride (Cl)	00940	6600	0.2	66
Sulfate (SO ₄)	00945	6600	0.1	5.6
Color	00080			
Coliform, membrane filter	31501			
Coliform, fecal	31616			
Strep-tococci	31679			
BOD	00310			

Type 2 Station identification number 294812095241601
 Y M D Time of measurement
 7 6 0 9 1 7
 17 Begin 22 29 32
 Depth Parameter code 72008 Value Exp. Rmk
 Yield (GPM) 00059
 Sample interval TOP 72015 6200 03
 Sample interval BOTTOM 72016 1720 04
 Water level 72019

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 7 out of 7
 State ID: 65-13-624



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 334 Distance from Property: 4.32 mi. NW

STATE ID: **65-13-604**
OWNER'S NAME: **CITY OF HOUSTON HEIGHTS #16**
DATE DRILLED: **04/00/1962**
DEPTH DRILLED: **1890'**
WATER USAGE: **PUBLIC SUPPLY**
LONGITUDE: **-95.405260000**
LATITUDE: **29.803590000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513604/6513604.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 15
State ID: 65-13-604

WRD Exp. (GW)
April 1966

Well No. LT-65-13-604

WELL SCHEDULE
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by McAdoo Source of data File Date 2-16-68 Map Houston Heights 1955
 State Texas County (or town) Harris Sequential number: 1
 Latitude: 27 45 16 N Longitude: 09 52 42 5
 Local well number: LT-65-13-604 Other number: #16
 Local use: _____ Owner or name: City of Houston
 Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist M
 Use of water: Air cond, Bottling, Comp, Dewater, Power, Fire, Dom, Irr, Mad, Ind, F S, Rec, Stock, Instit, Unused, Recharge, Desal-F S, Desal-other, Other P
 Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed W
 DATA AVAILABLE: Well data 1 Freq. W/L meas.: Annual Field aquifer char. S
 Hyd. lab. data: _____
 Qual. water data: type: _____
 Freq. sampling: 6-16-62 Pumpage inventory: A no. period: _____
 Aperture cards: _____
 Log data: E-Log (T-14)

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1890 ft Meas. Driller
 Depth cased; (if not perf.): 610 ft Casing type: S Dim: 24-12 in
 Finish: porous gravel w. concrete, (parf.), (screen), (horiz. gallery, end), (open perf., screen, sd. pt., shored, hole), other G
 Method drilled: (A) air bored, (B) cable, (C) dug, (D) hyd. jetted, (E) air percussion, (F) rotary, (G) reverse trenching, (H) driven, (I) drive wash, (J) other H
 Date drilled: 4-10-62 Pump intake setting: _____ ft
 Driller: Texas Water Wells Inc. Houston, Texas
 Lift (type): (A) air, (B) bucket, (C) cent. jet, (D) multiple, (E) multiple, (F) none, (G) piston, (H) rot, (I) submerg, (J) turb, (K) other S Deep D Shallow
 Power (type): diesel, gas, gasoline, hand, gas, wind, LP, H.P. 300 Trans. or water no. 3
 Descrip. MF Agitator pipe +10.0 ft above LSD. Alt. MF _____
 Alt. LSD: 68 Accuracy: Tap
 Water level 272.70 ft above MP; Ft below LSD 263 Accuracy: Meas
 Date meas: 6-16-62 Yield: 2565 gpm Method determined 4
 Drawdown: 41 ft Accuracy: Meas Pumping period 48 hrs
 QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm
 Sp. Conduct _____ K x 10⁶ Temp. _____ °F
 Taste, color, etc. _____

PL - LSD
313.76
272.70
41.06

Well No. LT-65-13-604

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 15
State ID: 65-13-604

Well No. LJ-65-13-604

Latitude-longitude 29 48 16 [Ⓡ] 95 24 25 .1

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: coastal plain Section: 03

Drainage Basin: F Subbasin: 51R

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series T aquifer, formation, group E

Lithology: _____ Origin: _____ Thickness: _____ ft

Length of well open to: 430 ft Depth to top of: 430 ft

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: * 610 - 1860

Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

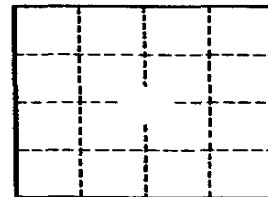
Surficial material: _____ Infiltration Characteristics: _____

Coefficient Trans: _____ spd/ft² Coefficient Storage: _____

Perm: _____ spd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

* SCREEN

610-640	1180-1230
670-695	1285-1305
750-760	1335-1355
780-810	1415-1435
815-830	1415-1435
875-895	1655-1665
975-1010	1685-1695
1020-1040	1775-1770
1060-1080	1800-1815
1090-1100	1845-1860
1135-1155	



259' record.
24" 0-590
12" 500-1890

Well No. LJ-65-13-604

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 3 out of 15
State ID: 65-13-604

Water Resources Division
Austin, Texas

020969

Latitude 29 48 16 Longitude 095 24 25 01 Seq. No. 01

County code 201 County HARRIS

Well # LJ-65-13-604

Project number 7-4648-01000

Date 2-8-77 Time — Temp °C 28.0

Owner City of Houston

Address Heights #16

Date drld — WBF code 121 Eval 1

Sample interval:(top) 610 (bottom) 1860

Water level — Appr CLEAR Use PS

Collector PETERS Yield — GPM —

Smpld aftr pmp & cor arrival — Depth —

Pt of coll tap on discharge

Field: Cond — pH — HCO₃ — DO —

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I

Other —

Herbicide — Insecticide —

Remarks:

Type 2 Station identification number 29 48 16 095 24 25 01

Y M D Time of measurement

17 22 29 32

Parameter code	Value	Exp.	Rmk
Depth	<u>7 2 0 0 8</u>		
Yield (GPM)	<u>0 0 0 5 9</u>		
Sample interval TOP	<u>7 2 0 1 5</u>	<u>610</u>	<u>03</u>
Sample interval BOTTOM	<u>7 2 0 1 6</u>	<u>1860</u>	<u>04</u>
Water level	<u>7 2 0 1 9</u>		

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	<u>7 2 0 0 4</u>			
DO (mg/l)	<u>0 0 3 0 0</u>			
DO % Sat.	<u>0 0 3 0 1</u>			
Temp °C	<u>0 0 0 1 0</u>	<u>28.0</u>	<u>0.2</u>	<u>28.</u>
pH	<u>0 0 4 0 0</u>	<u>79.0</u>	<u>0.1</u>	<u>7.9</u>
Specific conductance	<u>0 0 0 9 5</u>	<u>70.2</u>	<u>0.3</u>	<u>70.</u>
HCO ₃	<u>0 0 4 4 0</u>	<u>324.0</u>	<u>0.3</u>	<u>32</u>
CO ₃	<u>0 0 4 4 5</u>	<u>00.0</u>	<u>0.1</u>	<u>0</u>
Chloride (Cl)	<u>0 0 9 4 0</u>	<u>62.0</u>	<u>0.2</u>	<u>62</u>
Sulfate (SO ₄)	<u>0 0 9 4 5</u>	<u>64.0</u>	<u>0.1</u>	<u>6.1</u>
Color	<u>0 0 0 8 0</u>			
Coliform, membrane filter	<u>3 1 5 0 1</u>			
Coliform, fecal	<u>3 1 6 1 6</u>			
Strep-tococci	<u>3 1 6 7 9</u>			
BOD	<u>0 0 3 1 0</u>			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

TX-73Q
(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

017558

AJD

Latitude 29 4 8 1 6 Longitude 0 9 5 2 4 2 5 0 1 Seq. No. 01

County code 201 County Harris

Well # LJ-65-13-604

Project number 4648-01000

Date 2-13-76 Time Temp °C 26.5

Owner City of Houston

Address Heights #16

Date drld WBF code 121 EVGL

Sample interval: (top) 610 (bottom) 1860

Water level - Appr/leg. Use PS

Collector Waffel Yield - GPM

Smpld aftr pmpg Depth

Pt of coll tap on discharge

Field: Cond pH HCO₃ DO

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule T

Other

Herbicide Insecticide

Remarks:

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	7,2,0,0,4			
DO (mg/l)	0,0,3,0,0			
DO % Sat.	0,0,3,0,1			
Temp °C	0,0,0,1,0	26.50	0.2	26.5
pH	0,0,4,0,0	7.800	0.1	7.8
Specific conductance	0,0,0,9,5	536.0	0.3	536
HCO ₃	0,0,4,4,0	254.0	0.3	254
CO ₃	0,0,4,4,5	000.0	0.1	0
Chloride (Cl)	0,0,9,4,0	370.0	0.2	37
Sulfate (SO ₄)	0,0,9,4,5	140.0	0.2	14
Color	0,0,0,8,0			
Coliform, membrane filter	3,1,5,0,1			
Coliform, fecal	3,1,6,1,6			
Strep-tococci	3,1,6,7,9			
BOD	0,0,3,1,0			

Type 2 Station Identification number 29 4 8 1 6 0 9 5 2 4 2 5 0 1

Y 7 M 6 D 02 Time of measurement 13

17 Begin 22 29 32

Depth Parameter code 7,2,0,0,8 Value Exp. Rmk

Yield (GPM) 0,0,0,5,9

Sample interval TOP 7,2,0,1,5 610.0 0.3

Sample interval BOTTOM 7,2,0,1,6 1860 0.4

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 5 out of 15
State ID: 65-13-604

Water Resources Division
Austin, Texas

010101

Latitude 29 48 16 Longitude 09 52 42 50 1 Seq. No. 01

County code 201 County Harris

Well # LJ-65-13-604

Project number 5-4648-01000

Date 2-3-75 Time Temp °C 27.5

Owner City of Houston

Address Heights # 16

Date drld 4-10-62 WBF code 121EV64

Sample interval: (top) 610 (bottom) 1860

Water level Appr Use PS

Collector Nafel Yield PS GPM

Smpld aftr pmpg on ass Depth 1890

Pt of coll tap on pipe

Field: Cond pH HCO₃ DO

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I + SO₄

Other

Herbicide Insecticide

Remarks:

Type 2 Station identification number 29 48 16 09 52 42 50 1

Y 7 5 M 0 2 D 0 3 Time of measurement

17 Begin 22 29 32

Depth 7 2 0 0 8 1 8 9 0 0 4

Yield (GPM) 0 0 0 5 9

Sample interval TOP 7 2 0 1 5 6 1 0 0 3

Sample interval BOTTOM 7 2 0 1 6 1 8 6 0 0 4

Water level 7 2 0 1 9

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	7 2 0 0 4			
DO (mg/l)	0 0 3 0 0			
DO % Sat.	0 0 3 0 1			
Temp °C	0 0 0 1 0	2 7 5 0	0 2	27.5
pH	0 0 4 0 0	8 0 0 0	0 1	8.0
Specific conductance	0 0 0 9 5	6 8 1 0	0 3	68
HCO ₃	0 0 4 4 0	3 1 4 0	0 3	314
CO ₃	0 0 4 4 5	0 0 0 0	0 1	0
Chloride (Cl)	0 0 9 4 0	6 0 0 0	0 2	60
Sulfate (SO ₄)	0 0 9 4 5	8 0 0 0	0 1	8.0
Color	0 0 0 8 0			
Coliform, membrane filter	3 1 5 0 1			
Coliform, fecal	3 1 6 1 6			
Strep-tococci	3 1 6 7 9			
BOD	0 0 3 1 0			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 6 out of 15
State ID: 65-13-604

Water Resources Division
Austin, Texas

000000

Latitude 29 48 16 Longitude 095 24 25 01 Seq. No. 01

County code 101 County Harris

Well # LJ-65-13-604

Project number J-4648-01000

Date 9-17-76 Time 1000 Temp °C ?

Owner City of Houston

Address Heights #16

Date drld - WBF code 121 Evq

Sample interval:(top) 610 (bottom) 1860

Water level - Appr CLEAR Use PS

Collector BEZANT Yield - GPM

Smpld aftr pmpg on arrival Depth -

Pt of coll Tap on discharge

Field: Cond - pH - HCO₃ - DO -

Indicate types of analyses

Coliform Phenols Minors
Nutrients MBAS BOD TOC DOC
Std chem schedule I

Other -

Herbicide - Insecticide -

Remarks:

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	7,2,0,0,4			
DO (mg/l)	0,0,3,0,0			
DO % Sat.	0,0,3,0,1			
Temp °C	0,0,0,1,0			
pH	0,0,4,0,0	7,9,0,0	0,1	7.9
Specific conductance	0,0,0,9,5	6,9,5,0	0,3	695
HCO ₃	0,0,4,4,0	3,2,0,0	0,3	32
CO ₃	0,0,4,4,5	0,0,0,0	0,1	0
Chloride (Cl)	0,0,9,4,0	6,3,0,0	0,2	63
Sulfate (SO ₄)	0,0,9,4,5	7,6,0,0	0,1	76
Color	0,0,0,8,0			
Coliform, membrane filter	3,1,5,0,1			
Coliform, fecal	3,1,6,1,6			
Strep-tococci	3,1,6,7,9			
BOD	0,0,3,1,0			

Type 2 Station identification number 29 48 16 09 52 42 50 1

Y 7 M 6 D 0 Time of measurement 17

17 Begin 22 29 32

Depth	Parameter code	Value	Exp.	Rmk
	7,2,0,0,8			
Yield (GPM)	0,0,0,5,9			
Sample interval TOP	7,2,0,1,5	6,1,0,0	0,3	
Sample interval BOTTOM	7,2,0,1,6	1,8,6,0	0,4	
Water level	7,2,0,1,9			



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WATER SUPPLY, DEEP WELLS AND PUMPS

A. E. FANCETT, JR., PRESIDENT

TEXAS WATER WELLS

INC.



861 MCCARTY DRIVE, HOUSTON 26, TEXAS, PHONE OR-8-7881

CITY OF HOUSTON
 Heights Water Well #10

April 1968

BELLERY LOG

FROM	TO	DESCRIPTION
0	0	Surface to Level
0	45	Clay
45	70	Shale
70	70	Shale
70	100	Red Clay
100	200	Shale & Clay
200	300	Shale & Sand
300	441	Sandy Shale
441	481	Sand
481	505	Sandy Shale
505	570	Shale
570	580	Sand
580	610	Shale
610	680	Sand
680	690	Shale
690	710	Sand
710	780	Sandy Shale
780	840	Sand
840	870	Shale
870	910	Sand
910	970	Shale
970	1000	Sand
1000	1000	Shale
1000	1100	Sand
1100	1170	Shale
1170	1200	Sand
1200	1200	Shale
1200	1210	Sand
1210	1240	Shale
1240	1300	Sand

ATTACH:
 7 PAGES
 WDM 65-13-604

65-13-604

MEMBER TEXAS WATER WELL DRILLING CONTRACTORS ASSOCIATION

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 9 out of 15
 State ID: 65-13-604

City of Houston
 Heights #10

April 1988

Driller's Log - Continued

<u>FROM</u>	<u>TO</u>	<u>FORMATION</u>
1300	1410	Shale
1410	1400	Sand
1400	1400	Shale, Sandy
1400	1010	Shale
1010	1000	Sand
1000	1740	Sandy Shale
1740	1700	Shale
1700	1000	Sand
1000	1011	Shale
1011	1001	Sand
1001	2170	Shale
2170	2100	Sand
2100	2040	Shale
2040	2011	Sandy Shale
2011	2000	Sand
2000	2007	Shale

65-13-604

TEXAS WATER COMMISSION

COMMISSIONERS

JOE D. CARTER, CHAIRMAN
O. F. DENT
H. A. BECKWITH

813 STATE OFFICE BUILDING
201 EAST 14TH STREET

AREA CODE 512/
GREENWOOD 6-6791



P. O. BOX 2311
CAPITOL STATION
AUSTIN 11, TEXAS
November 13, 1962

JOHN J. VANDERTULIP
CHIEF ENGINEER

C. R. BASKIN
ASS'T. CHIEF ENGINEER

ELBERT HOOPER
CHIEF EXAMINER

BEN F. LOONEY, JR.
SECRETARY

Mr. L. M. Fawcett, Secretary
Texas Water Wells, Inc.
951 McCarty Drive
Houston 29, Texas

Dear Sir:

This is to acknowledge receipt on November 8, 1962 of the Drillers Log and Well Data Report sent in by your company for a well drilled in Harris County for City of Houston, Heights Water Well No. 16, on April-1962.

When your logs are received at this office they are located and plotted on county highway maps, this is our reason for requesting accurate location information and a sketch giving distance and direction of the well from permanent land marks.

Our ability to plot these wells with relative accuracy greatly increase their value to us in our work.

We would appreciate receiving this information on the above named well at your earliest convenience.

Please utilize the back of this letter for the requested information.

Yours truly,

James R. Wall
James R. Wall,
Geologic Aide

JRW:jlt

RECEIVED

DEC 13 1962

TEXAS WATER COMMISSION
AUSTIN, TEXAS

RECEIVED NOV 15 1962

65-13-604
65-13-604

WATER SUPPLY, DEEP WELLS AND PUMPS

A. E. FAWCETT, JR., PRESIDENT

TEXAS WATER WELLS

INC.



951 MCCARTY DRIVE, HOUSTON 29, TEXAS, PHONE OR-2-7561

April - 1962

City of Houston
Houston, Texas

Water Well No. Heights 16

SETTING DATA

SURFACE CASING:

SET AND CEMENTED IN PLACE: 590' of 24" O. D., .575" W. T. P. H. Casing.

SCREEN AND BLANK LINER:

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>
590'	610'	12-3/4" Blank Liner
610'	640'	12-3/4" S. S. Screen
640'	670'	12-3/4" Blank Liner
670'	695'	12-3/4" S. S. Screen
695'	720'	12-3/4" Blank Liner
720'	750'	12-3/4" S. S. Screen
750'	780'	12-3/4" Blank Liner
780'	810'	12-3/4" S. S. Screen
810'	815'	12-3/4" Blank Liner
815'	830'	12-3/4" S. S. Screen
830'	875'	12-3/4" Blank Liner
875'	895'	12-3/4" S. S. Screen
895'	975'	12-3/4" Blank Liner
975'	1010'	12-3/4" S. S. Screen
1010'	1030'	12-3/4" Blank Liner
1030'	1040'	12-3/4" S. S. Screen
1040'	1060'	12-3/4" Blank Liner
1060'	1080'	12-3/4" S. S. Screen
1080'	1090'	12-3/4" Blank Liner
1090'	1100'	12-3/4" S. S. Screen
1100'	1155'	12-3/4" Blank Liner
1155'	1155'	12-3/4" S. S. Screen

65-13-604
65-13-604

MEMBER TEXAS WATER WELL DRILLING CONTRACTORS ASSOCIATION

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 12 out of 15

State ID: 65-13-604

City of Houston
Houston, Texas

Water Well No. Heights 18

SETTING DATA (con't)

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>
1155'	1160'	12-3/4" Blank Liner
1160'	1200'	12-3/4" S. S. Screen
1200'	1205'	12-3/4" Blank Liner
1205'	1208'	12-3/4" S. S. Screen
1208'	1210'	12-3/4" Blank Liner
1210'	1215'	12-3/4" S. S. Screen
1215'	1410'	12-3/4" Blank Liner
1410'	1425'	12-3/4" S. S. Screen
1425'	1610'	12-3/4" Blank Liner
1610'	1625'	12-3/4" S. S. Screen
1625'	1635'	12-3/4" Blank Liner
1635'	1645'	12-3/4" S. S. Screen
1645'	1655'	12-3/4" Blank Liner
1655'	1665'	12-3/4" S. S. Screen
1665'	1675'	12-3/4" Blank Liner
1675'	1685'	12-3/4" S. S. Screen
1685'	1770'	12-3/4" Blank Liner
1770'	1780'	12-3/4" S. S. Screen
1780'	1800'	12-3/4" Blank Liner
1800'	1810'	12-3/4" S. S. Screen
1810'	1840'	12-3/4" Blank Liner
1840'	1850'	12-3/4" S. S. Screen
1850'	1860'	12-3/4" Blank Liner
1860'	1860'	12-3/4" S. S. Screen
		with back pressure valve and vent mast plug.

65-13-60a
65-13-60†

WATER SUPPLY, DEEP WELLS AND PUMPS

A. E. FAWCETT, JR., PRESIDENT

TEXAS WATER WELLS

INC.



951 MCCARTY DRIVE, HOUSTON 29, TEXAS, PHONE OR-2-7561
July 18, 1963

City of Houston
Height #15
Houston, Texas

Date Started June 14, 1963
Orifice 12 x 12
Water Level 121'
Airline 121'

PUMPING TEST

<u>TIME</u>	<u>HEAD IN INCHES</u>	<u>PUMPING LEVEL</u>	<u>OPM</u>
1:00 pm	started test		
2:00	23	304	2300
3:00	23.5	304	2382
4:00	23	302	2360
5:00	23	312	2461
6:00	23	312	2461
7:00	23	312	2461
8:00	23	312	2461
9:00	24	310	2400
10:00	24	310	2400
11:00	24	312	2400
12:00	25	312	2461
1:00 Am	26	312	2513
2:00	26	312	2513
3:00	26	310	2513
4:00	26	317	2513
5:00	26	317	2513
6:00	25	317	2461
7:00	26	319	2513
8:00	26	320	2513
9:00	26	320	2513
10:00	25 1/2	310	2487
11:00	25	312	2461
12:00	25	311	2461
1:00 pm	25	311	2461
2:00	24 1/2	315	2435
3:00	24	314	2400
4:00	23.5	312	2382
5:00	24.5	315	2435
6:00	24.5	315	2435
7:00	24.5	315	2435
8:00	24	315	2400

65-13-604
65-13-604

MEMBER TEXAS WATER WELL DRILLING CONTRACTORS ASSOCIATION

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 14 out of 15
 State ID: 65-13-604

City of Houston
 Heights #16

July 13, 1962
 Page 2

9:00	24	314	2409
10:00	24	314	2409
11:00	24	314	2409
12:00	24	314	2409
6-16-62			
1:00am	25	317	2461
2:00	25	317	2461
3:00	26	320	2513
4:00	26.5	320	2539
5:00	27	319	2505
6:00	27	319	2505
7:00	26	319	2513
8:00	25	318	2461
9:00	26	319	2513
10:00	26	319	2513
11:00	25	318	2461
12:00	27	320	2565
1:00pm	27	320	2565

RECOVERY

1:05
 1:10
 1:15
 1:20
 1:25
 1:30
 1:35
 1:40
 1:45
 1:50
 1:55
 2:00
 2:10
 2:20
 2:30
 2:40

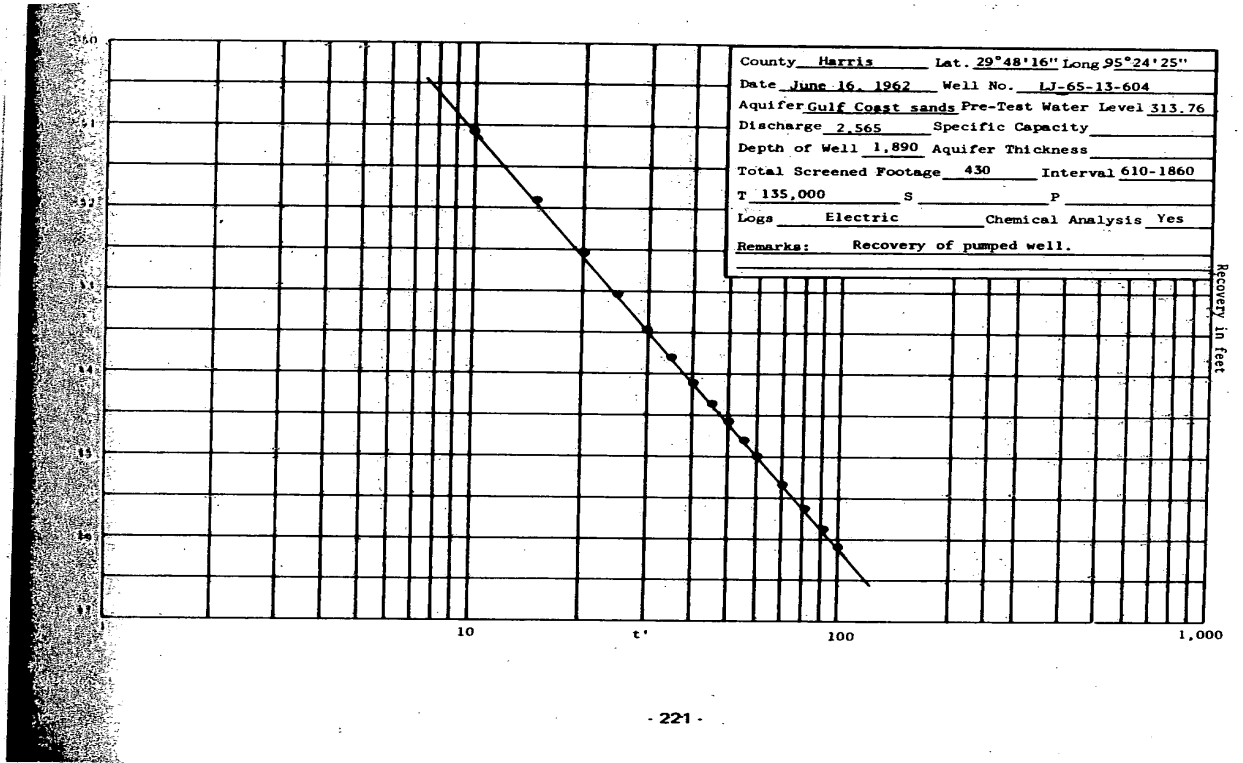
WATER LEVEL

273.18
 272.70
 271.88
 271.23
 270.74
 270.33
 269.98
 269.58
 269.42
 269.19
 268.98
 268.79
 268.46
 268.15
 267.89
 267.66

65-13-6a
 65-13-6c

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 15 out of 15
 State ID: 65-13-604



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 334 Distance from Property: 4.32 mi. NW

STATE ID: **65-13-607**
OWNER'S NAME: **CITY OF HOUSTON HEIGHTS #8**
DATE DRILLED: **00/00/1938**
DEPTH DRILLED: **1252'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.405260000**
LATITUDE: **29.803590000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513607/6513607.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 3
State ID: 65-13-607

WRD Exp. (GW)
April 1966

Well No. 4J-65-13-607

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD

Record by MEASCO CRF 1539 VAR MAD Source of data File Date 2-16-68 Map Houston Heights 1955
 State Texas County 48 (or town) Harris Sequential number: 1
 Latitude: 29 deg 48 min 10 sec N Longitude: 09 deg 52 min 41 sec W
 Lat-Long accuracy: 6 T. S. E. W. Sec. k. k. k. Other number: #8 1411
 Local well number: 4J-65-13-607 Owner or name: CITY OF HOUSTON Address: Heights Plant
 Local use: _____ Owner or name: City of Houston
 Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist. M
 Use of water: (A) Air cond, Bottling, Comm, De-water, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (B) Stock, Instit, (C) Pumped, Re-charge, Desal-P S, Desal-other, Other U
 Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Used, Withdraw, Waste, Destroyed (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) V
 DATA AVAILABLE: Well data 6 Freq. W/L meas.: Annual A Field aquifer char. 72
 Hyd. lab. data: _____ 73
 Qual. water data; type: _____ 74
 Freq. sampling: 6-20-39 7 Pumpage inventory: yes no. period: _____ 75
 Aperture cards: _____ yes 76
 Log data: E log T-13 E 77

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1252 ft 1252 Meas. accuracy Driller 3
 Depth cased; (first perf.): 558 ft 558 Casing Type: 5 Diam. 2 1/2-12 1/4 21
 Finish: porous concrete, gravel, gravel w. screen, horiz. open perf., screen, sd. pt., shored, other 9
 Method: (A) air bored, cable, dug, hyd jetted, air percussion, rotary, (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) H
 Date Drilled: 1938 938 Pump intake setting: _____ ft 30
 Driller: Loync Texas Co. Houston Texas
 Lift: (A) air, bucket, cent. jet, (cent.) multiple, none, piston, rot, submerg, curb, other 7 Deep Shallow 0
 Power: (type) diesel, gas, gasoline, hand, gas, wind; H.P. not used W Trans. or meter no. 40
 Descrip. MP _____ ft above _____ ft below LSD. Alt. MP _____
 Alt. LSD: 67 67 Accuracy: (source) TOPO 5' 3
 Water Level: 88.45 ft above MP; Ft below LSD 88 Accuracy: tape A
 Date meas: 11-14-38 1138 Yield: _____ gpm _____ Method determined _____
 Drawdown: _____ ft _____ Accuracy: _____ Pumping period _____ hrs _____
 QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm
 Sp. Conduct _____ K x 10⁶ _____ Temp. _____ °F _____ Date sampled _____
 Taste, color, etc. _____

Well No. 4J-65-13-607

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 3
State ID: 65-13-607

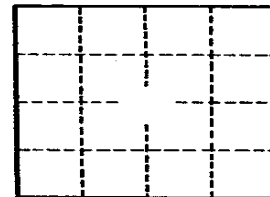
Well No. LJ-65-13-607

Latitude-longitude 29.48.10 99.095.24.18.1

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD
 Physiographic Province: Coastal Plain Section: 0:3
 Drainage Basin: F Subbasin: 511R
 Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat
 MAJOR AQUIFER: system _____ series T aquifer, formation, group E
 Lithology: _____ Origin: _____ Thickness: _____ ft
 Length of well open to: 387 ft Depth to top of: _____ ft
 MINOR AQUIFER: system _____ series Q aquifer, formation, group C/L
 Lithology: _____ Origin: _____ Thickness: _____ ft
 Length of well open to: _____ ft Depth to top of: _____ ft
 Intervals Screened: * 558-1240
 Depth to consolidated rock: _____ ft Source of data: _____
 Depth to basement: _____ ft Source of data: _____
 Surficial material: _____ Infiltration characteristics: _____
 Coefficient Trans: _____ spd/ft Coefficient Storage: _____
 Perm: ✓ spd/ft²; Spec cap: ✓ spm/ft; Number of geologic cards: _____

- * SCREEN:
- 558-580 22
 - 679-760 81
 - 778-829 51
 - 958-1007 49
 - 1017-1042 25
 - 1062-1156 94
 - 1175-1240 65



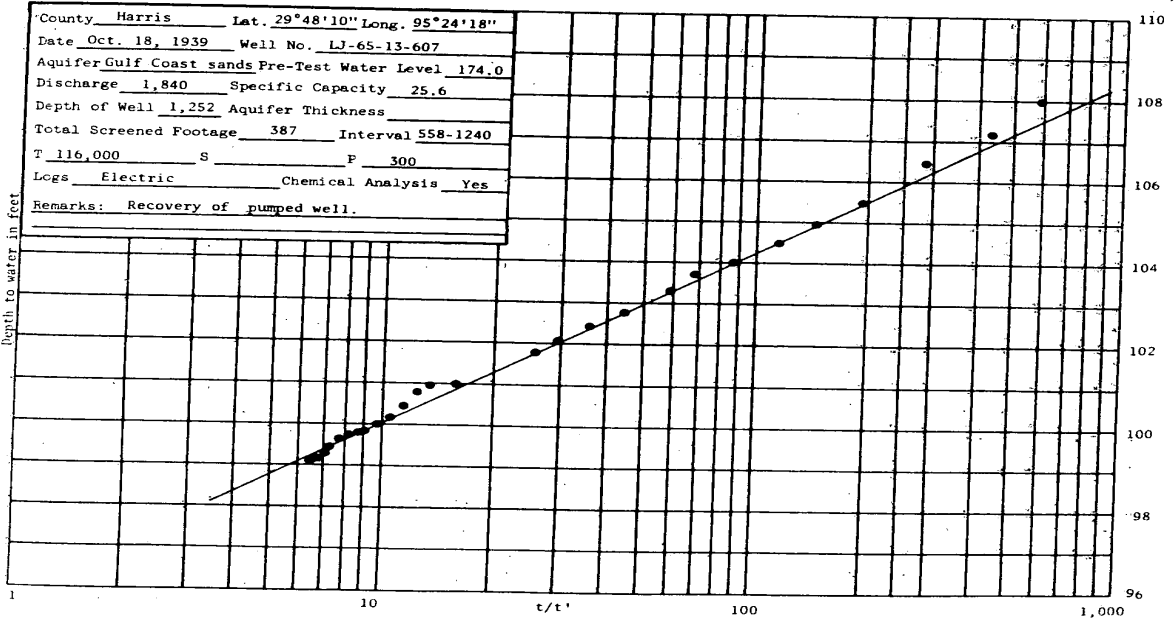
C37.
2 1/2" 0-473

Well No. LJ-65-13-607

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 3 out of 3
 State ID: 65-13-607



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 334 Distance from Property: 4.32 mi. NW

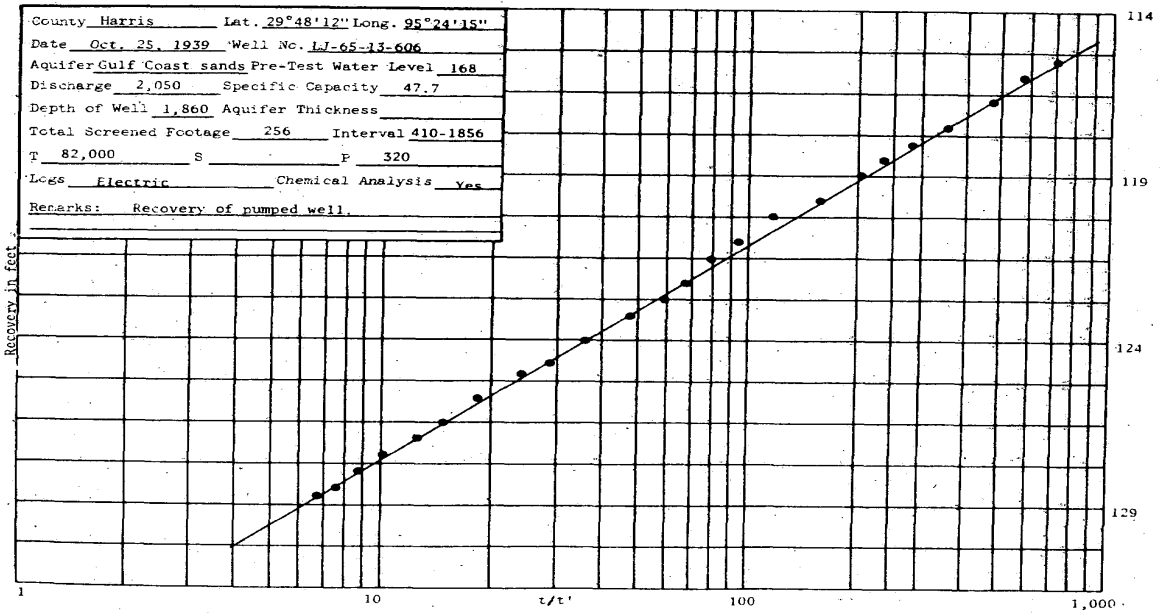
STATE ID: 65-13-606
OWNER'S NAME: CITY OF HOUSTON HEIGHTS #5
DATE DRILLED: 00/00/1931
DEPTH DRILLED: 1858'
WATER USAGE: PLUGGED OR DESTROYED
LONGITUDE: -95.405270000
LATITUDE: 29.803590000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513606/6513606.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 2
 State ID: 65-13-606



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 334 Distance from Property: 4.32 mi. NW

STATE ID: **65-13-614**
OWNER'S NAME: **CITY OF HOUSTON HEIGHTS #3**
DATE DRILLED: **00/00/1924**
DEPTH DRILLED: **1039'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.405270000**
LATITUDE: **29.803600000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513614/6513614.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
State ID: 65-13-614

WRD Exp. (GW)
April 1966

Well No. J-65-13-614

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by Gene McRhee Source of data File Date 1-19-68 Map Houston Heights 1955 112900

State Texas County (or town) Harris G.J.

Latitude: 29 48 11 N Longitude: 09 52 41 W Sequential number: 1

Local well number: GJ-65-13-614 Other number: 591 B & H Heights #3

Local use: _____ Owner of name: City of Houston

Owner or name: CITY OF HOUSTON Address: Heights Plant.

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist M

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Mad, Ind, P S, Rec, Stock, Instit, Unused, Recharge, Desal-P S, Desal-other, Other abd. about 1940 U

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed U

DATA AVAILABLE: Well data 8 Freq. W/L meas.: Semiannual 5 Field aquifer char. _____

Hyd. lab. data: _____

Qual. water data: type: _____

Freq. sampling: None Pumpage inventory: yes

Aperture cards: _____

Log data: _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1039 ft 1039 Meas. Driller 6

Depth cased; (first perf.): 514 ft 514 Casing type: S Dim: 24-12 in 24

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, other S

Method drilled: air bored, cable, dug, hyd. rot., jetted, percussive, rotary, reverse trenching, driven, drive wash, other H

Date drilled: 1924 924 Pump intake setting: _____ ft _____

Driller: Layne Texas Co., Houston, Texas

Lift (type): air, bucket, cent. jet, multiple, multiple, (cent.), none, piston, rot, submerg, turb, other N Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. _____ Trans. of meter no. _____

Descrip. MP _____ ft below LSD, Alt. MP _____

Alt. LSD: 68 68 Accuracy: TERO 5' 3

Water Level: 76.92 ft above below MP; Ft below LSD 77 Accuracy: tape A

Date meas: 1-20-38 138 Yield: _____ gpm _____ Method determined _____

Drawdown: _____ ft _____ Accuracy: _____ Pumping period _____ hrs _____

QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____

Sp. Conduct _____ K x 10⁶ _____ Temp. _____ Date sampled _____

Taste, color, etc. _____

Well No. J-65-13-614

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 2
State ID: 65-13-614

Well No. LJ-65-13-614

Latitude-longitude 29.48.11 S 97.24.19 W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: Coastal Plain Section: 203

GCP Drainage Basin: F Subbasin: 511R

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp. (E) offshore, pediment, hillslope, terrace, undulating, valley flat. (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z)

MAJOR AQUIFER: system _____ series T aquifer, formation, group E

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: 303 ft. Depth to top of: 514 ft.

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft. Depth to top of: _____ ft.

Intervals Screened: 514-564; 579-676; 691-740; 823-925; 969-1034.

Depth to consolidated rock: _____ ft. Source of data: _____

Depth to basement: _____ ft. Source of data: _____

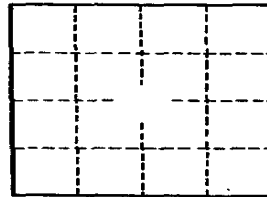
Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ spd/ft. Coefficient Storage: _____

Coefficient Perm: _____ spd/ft. Spec cap: _____ spm/ft. Number of geologic cards: _____

Loyno-Tetras (3-20-90) set 4" liner surface to top of 12" CS9 (98") 1 3/2" packer set in top of 12" CS9.

98' of 24" CS9.



Well No. LJ-65-13-614

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 334 Distance from Property: 4.32 mi. NW

STATE ID: **65-13-613**
OWNER'S NAME: **CITY OF HOUSTON HEIGHTS #2**
DATE DRILLED: **00/00/1923**
DEPTH DRILLED: **1362'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.405280000**
LATITUDE: **29.803600000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513613/6513613.pdf>



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WATER UTILITY DATABASE (WUD)

MAP ID# 334 Distance from Property: 4.32 mi. NW

PWSID: 1010013
SOURCE ID: G1010013X
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 04/00/1962
SCREEN BOTTOM: 1,844.00'
SCREEN TOP: 604.00'

GALLONS
PER MINUTE: 1,447
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.406814580
LATITUDE: 29.804683690

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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WATER UTILITY DATABASE (WUD)

MAP ID# 334 Distance from Property: 4.32 mi. NW

PWSID: 1010013
SOURCE ID: G1010013GW
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 07/21/1931
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.404441830
LATITUDE: 29.803611760

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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WATER UTILITY DATABASE (WUD)

MAP ID# 334 Distance from Property: 4.32 mi. NW

PWSID: 1010013
SOURCE ID: G1010013GU
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 03/05/1923
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.405555730
LATITUDE: 29.802778240

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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WATER UTILITY DATABASE (WUD)

MAP ID# 334 Distance from Property: 4.32 mi. NW

PWSID: 1010013
SOURCE ID: G1010013GV
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1924
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.405555730
LATITUDE: 29.802778240

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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WATER UTILITY DATABASE (WUD)

MAP ID# 334 Distance from Property: 4.32 mi. NW

PWSID: 1010013
SOURCE ID: G1010013GZ
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1938
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.404441830
LATITUDE: 29.802778240

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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WATER UTILITY DATABASE (WUD)

MAP ID# 334 Distance from Property: 4.32 mi. NW

PWSID: 1010013
SOURCE ID: G1010013HE
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1965
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.405555730
LATITUDE: 29.803611760

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 334 Distance from Property: 4.32 mi. NW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294812095241601**

STATION NAME: **LJ-65-13-624**

SITE TYPE: **GW**

LATITUDE: **29.803606000** LONGITUDE: **-95.405261000**

DATE DRILLED: **02/01/1965**

WELL DEPTH: **1730 feet**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 334 Distance from Property: 4.32 mi. NW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294811095241901**

STATION NAME: **LJ-65-13-614**

SITE TYPE: **GW**

LATITUDE: **29.803590000** LONGITUDE: **-95.405270000**

DATE DRILLED: **01/01/1924**

WELL DEPTH: **1039 feet**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 334 Distance from Property: 4.32 mi. NW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294816095242501**

STATION NAME: **LJ-65-13-604**

SITE TYPE: **GW**

LATITUDE: **29.803590000** LONGITUDE: **-95.405260000**

DATE DRILLED: **04/10/1962**

WELL DEPTH: **1890 feet**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 334 Distance from Property: 4.32 mi. NW

WELL ID: **1068**
OWNERS NAME: **HOUSTON, CITY OF**
YEAR DRILLED: **1962**
DEPTH DRILLED: **1890'**
STATIC LEVEL: **610'**
WATER USAGE: **PUBLIC SUPPLY**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.405261000**
LATITUDE: **29.803606000**
SOURCE: **HGSD**



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SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 335 Distance from Property: 4.33 mi. W

TRACK #: 145996

DATE ENTERED: 2008-07-08

OWNER NAME: SAM DOUGLASS

OWNER ADDRESS: 3229 GROVELAND
HOUSTON, TX 77019

COUNTY: HARRIS

LATITUDE: 29.748056000 LONGITUDE: -95.424444000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=145996&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2007-10-17

DRILLING DATE (COMPLETED): 2008-05-07

DEPTH DRILLED: 515'

WATER LEVEL:

STATIC LEVEL: 195'

WATER LEVEL DATE: 2008-05-08

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: SCOTT DRILLING INC

COMPANY ADDRESS: 11923 GREEN PINE CIRCLE
HOUSTON, TX 77066



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 336 Distance from Property: 4.33 mi. ENE

STATE ID: 65-14-913
OWNER'S NAME: OLIN MATHIESON CHEM. CO.
DATE DRILLED: 00/00/1939
DEPTH DRILLED: 373'
WATER USAGE: UNUSED
LONGITUDE: -95.289070000
LATITUDE: 29.789590000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514913/6514913.pdf>



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 337 Distance from Property: 4.34 mi. W

ID NUMBER: TX206001
STATE ID : 65-21-2
OWNER NAME: CHALMERS
DATE DRILLED: 11/30/1985
DEPTH DRILLED: 330'
STATIC LEVEL: 226'
WATER USAGE: HEAT PUMP SUPPLY
LONGITUDE: -95.424903000
LATITUDE: 29.750791000
2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 206001

Please use black ink. Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT
Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Chalmers Address 3247 Inwood Houston (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles in _____ direction from _____ (Town)

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging
 Domestic Industrial Public Supply Irrigation Test Well Other Heat Pump Supply

4) PROPOSED USE (Check):
 Mud Rotary Air Hammer Driven Bored
 Air Rotary Cable Tool Jetted Other _____

5) DRILLING METHOD (Check):
 Open Hole Straight Wall Underreamed
 Gravel Packed Other 2-String
 If Gravel Packed give interval ... from _____ ft. to _____ ft.

6) WELL LOG: Date drilled 11/30/85

DIA. (in.)		Surface	To (ft.)
7 1/2			291
4 1/2		291	330

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other 2-String
 If Gravel Packed give interval ... from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Cage Casing Screen
						From	To	
0-3		Soil						
3-9		White Clay						
9-27		White Sand						
27-45		White Clay						
45-54		Tan Sand 008						
54-157		Red Clay						
157-186		Salt & Pepper Sand 010-017						
186-227		Shale						
227-245		Salt & Pepper Sand 014-018						
245-246		Clay						
246-278		Salt & Pepper Sand 008						
278-291		Shale						
291-304		Salt & Pepper Sand 008-012						
304-330		Salt & Broken Sand						

9) CEMENTING DATA [Rule 319.44(b)]
 Cemented from 0 ft. to 10 ft. 4 Spks
150 ft. to 290 ft. 8 Spks
 Method used Pressure
 Cemented by US

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
 Static level 226 ft. below land surface Date 12/2/85
 Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth N/A

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
 Depth to pump bowls, cylinder, jet, etc., 273 ft.

14) WELL TESTS:
 Type Test: Pump Bailor Jetted Estimated
 Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
 Did you knowingly penetrate any strata which contained undesirable water? Yes No
 If yes, submit "REPORT OF UNDESIRABLE WATER"
 Type of water? _____ Depth of strata _____
 Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Alameda Water Well (Type or Print) Water Well Driller's License No. 1876
 ADDRESS P.O. Box 266 (Street or RFD) Manvel (City) Tx (State) 77578 (Zip)
 (Signed) Joseph W. Ulrich (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)
 Please attach electric log, chemical analysis, and other pertinent information, if available. For TDWR use on Well No. 65-21-2 Located on map _____

DWR 0392 (12/29/83)

DEPARTMENT OF WATER RESOURCES COPY



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 337 Distance from Property: 4.34 mi. W

ID NUMBER: TX206002
STATE ID : 65-21-2
OWNER NAME: CHALMERS
DATE DRILLED: 11/26/1985
DEPTH DRILLED: 246'
STATIC LEVEL: 208'
WATER USAGE: HEAT PUMP INJECTION
LONGITUDE: -95.424903000
LATITUDE: 29.750791000
2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 206002

5

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State of Texas
WATER WELL REPORT
Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Chalmers Address 3247 Inwood Houston (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles in _____ direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map.

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Public Supply
 Irrigation Test Well Other Heat Pump Injection

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored
 Air Rotary Cable Tool Jetted Other _____

6) WELL LOG:
Date drilled 11/26/85

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
6 1/2	Surface	223
4 1/2	223	246

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other 2-String
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgt., if commercial	Setting (ft.)		Gage Casing Screen
						From	To	
0-3		Soil						
3-9		White Clay						
9-27		White Sand	4	N	PVC Sch 40 Pipe	0	223	Case
27-45		White clay	2 1/2	N	Galv Sch 40 Pipe	221	226	line
45-54		Tan Sand 10%	2 1/2	N	S.S. Red Base			
54-157		Red clay			Wesco Screen	226	246	0.12
157-186		Salt & Pepper Sand 0.10-0.14						
186-227		Shale						
227-245		Salt & Pepper Sand 0.14-0.18						
245-246		clay						

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 10 4 sacks
50 ft. to 200 8 sacks
Method used PRESSURE
Cemented by "US"

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 208 ft. below land surface Date 11/27/85
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____
N/A

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other None
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: Pump Bailer Jetted Estimated
Yield: 10 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Alameda Water Well Water Well Driller's License No. 1876
(Type or Print)

ADDRESS P.O. Box 266 Manvel TX 77578
(Street or RFD) (City) (State) (Zip)

(Signed) Joseph W. Ulrich (Signed) _____ (Registered Driller Trainee)
(Licensed Water Well Driller)

Please attach electric log, chemical analysis, and other pertinent information, if available. For TDWR use only: Well No. 65212 Located on map _____

RECEIVED
FEB 13 1986

Texas Water Commission

TOWR 0392 (12/29/83)

DEPARTMENT OF WATER RESOURCES COPY



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 338 Distance from Property: 4.35 mi. WSW

ID NUMBER: TX199543
STATE ID : 65-22-1
OWNER NAME: JMG BUILDERS LTD BLVD
DATE DRILLED: 04/08/1997
DEPTH DRILLED: 388'
STATIC LEVEL: 194'
WATER USAGE: IRRIGATION
LONGITUDE: -95.416091000
LATITUDE: 29.728671000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 199543

MENTION OWNER: Confidentiality STATE OF TEXAS
 Privilege Notice on Reverse Side WATER WELL REPORT

OWNER: JMG BUILDERS, LTD. -BLVD. ADDRESS: 2700 POST OAK BLVD. #1666 CITY: HOUSTON STATE: TX ZIP: 77056-

ADDRESS OF WELL: County: HARRIS GRID # 65-22-01
 Street or RFD: 2440 NORTH BOULEVARD. (THE BOULEVARD APARTMENTS)
 City, State, Zip code: HOUSTON TX 77098- STATE WELL # 5893

TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION
 If Public Supply well, were plans submitted to the TNRCC?

WELL LOG: 00114 DIAMETER OF HOLE 7) DRILLING METHOD: 8) BOREHOLE COMPLETION:
 DIAMETER FROM TO MUD ROTARY TWO-STRING 65-22-01 N
 DATE DRILLING: STARTED: 03/25/97 7.75 -0- 360 360 8 GA
 COMPLETED: 04/08/97 4.75 360 388 10 GA

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0	N	PVC WELL CASING	+2	360	SDR 17
2.5	N	PVC BLANK PIPE	356	366	SCH 80
2.5	N	STAINLESS ROD BASE	366	376	8 GA
2.5	N	STAINLESS ROD BASE	376	386	10 GA
2.5	N	NIP W/BACKWASH VALVE	386	388	SCH 80

GEOLOGICAL DESCRIPTION:
 FROM TO DESCRIPTION
 0 20 BLACK TOPSOIL, CLAY
 20 75 RED CLAY SAND
 75 140 GRAY CLAY RED CLAY WHITE CLAY
 140 178 WHITE CLAY SANDY SHALE SAND
 178 230 WHITE CLAY RED CLAY SAND
 230 265 CLAY SAND SAND
 265 307 CLAY BROWN CLAY CLAY
 307 325 SANDY SHALE CLAY
 325 358 SAND SAND ROCK CLAY
 358 388 SAND SAND SAND

9) CEMENTING DATA:
 Cemented from No. of Sacks Used
 360 FT. TO 260 FT. 10
 -0- FT. TO 18 FT. 10
 Method used: HALLIBURTON METHOD
 Cemented by: GEOPHYSICAL DRLG.
 Distance to septic field lines: n/a ft.
 Method of verification of above distance:
 NONE TO INSTALL

10) SURFACE COMPLETION:
 PITLESS ADAPTER USED

11) WATER LEVEL:
 STATIC LEVEL : 194 FT. DATE: 04/08/97
 ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH
 BP SEAL 356
 FORMATION PACKER 18

3) TYPE PUMP: SUBMERSIBLE 14) WELL TEST: JETTED
 DEPTH TO PUMP: 300 YIELD: 90 GPM WITH FT DRAWDOWN AFTER HRS

5) WATER QUALITY: TYPE OF WATER: GOOD DEPTH OF STRATA: 28 NO CHEMICAL ANALYSIS MADE
 NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: GEOPHYSICAL DRILLING, INC. WATER WELL DRILLER'S LICENSE NO.: 4898WPK FOR TWC USE ONLY
 ADDRESS: P.O. BOX 664 CITY: FULSHEAR STATE: TX ZIP CODE: 77441 WELL NO. _____
 LOCATED ON MAP _____

HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN
 ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE
 LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Jimmy D. Bruns (signed) _____
 (LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 338 Distance from Property: 4.35 mi. WSW

WELL ID: **5893**
OWNERS NAME: **BOULEVARD APARTMENTS, THE**
YEAR DRILLED: **1997**
DEPTH DRILLED: **350'**
STATIC LEVEL: **340'**
WATER USAGE: **DOMESTIC/COMMERCIAL**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.416091000**
LATITUDE: **29.728671000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 339 Distance from Property: 4.35 mi. SSW

STATE ID: 65-22-407

OWNER'S NAME: WATSON SERVICE STATION

DATE DRILLED: 00/00/1951

DEPTH DRILLED: 181'

WATER USAGE: INDUSTRIAL

LONGITUDE: -95.376488000

LATITUDE: 29.700398000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522407/6522407.pdf>

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-22-407

**Texas Water Development Board
Well Schedule**

State Well Number 6522407 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294202 Longitude 952226 Source of Coords 2

Owner's Well No. _____ Location _____
Owner Watson Service Station Driller H. L. Jackson Co.

Address _____ Tenant/Oper. _____

Date Drilled / /1951 Depth 181 Source of Depth Altitude 48 Source of Alt.
Well Type W User

WELL CONSTRUCTION Const-Method Completion Casing Material Screen Material
Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - JET PUMP No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - INDUSTRIAL Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - Other Data -

WATER LEVELS 1 measurement
1951
-77

Recorded By _____ Date Record Collected or Updated - 02/20/2003
Reporting Agency 01

REMARKS -
TWDB Report 178

Aquifer - 112CHCTU ID - 15
CHICOT
AQUIFER,UPPER

Wednesday, March 29, 2006

Well Number - 6522407

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 340 Distance from Property: 4.35 mi. W

ID NUMBER: TX206422
STATE ID : 65-13-8F
OWNER NAME: SOUTHWEST FABRICATORS
DATE DRILLED: 01/??/1974
DEPTH DRILLED: 517'
STATIC LEVEL: 245'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.425760000
LATITUDE: 29.755779000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 206422

9F

Send original copy by certified mail to the Texas Water Development Board, P.O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TWDB use only
Well No. 65-13-8F
Located on map 24-485
Received: 2/4/75
dk

1) OWNER:
Person having well drilled Southwest Fabricators Address P.O. Box 0449 Houston, Texas
(Name) (Street or RFD) (City) (State)
Landowner same Address _____
(Name) (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris 4 miles in W direction from Center of Houston
(N.E., S.W., etc.) (Town)

Locate by sketch map showing landmarks, roads, creeks, highway number, etc.*
Well is located at Southwest Plant on Harrisburg Blvd.
North ↑
(Use reverse side if necessary)

OR
Give legal location with distances and directions from adjacent sections or survey lines.
Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(N½ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging
 Domestic Industrial Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check):
 Rotary Driven Dug
 Cable Jetted Bored

5) WELL LOG:
Diameter of hole 6 in. Depth drilled ~~303~~ 517 ft. Depth of completed well 517 ft. Date drilled Jan. 74
All measurements made from 4 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	52	clay
52	76	sand
76	216	sand
216	234	sand
234	279	clay
279	303	sand
303	355	clay
355	363	sand
363	485	clay
485	516	sand
516	517	clay

9) CASING:
Type: Old _____ New Steel Plastic Other
Cemented from 0 ft. to 441 ft.
Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Gage _____
8 0 441 25#

10) SCREEN:
Type Pipe base stainless steel ribbed
Perforated _____ Slotted _____
Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Slot Size _____
6" 485 515 18 ga

7) COMPLETION (Check):
 Straight wall Gravel packed Other _____
 Under reamed Open Hole

8) WATER LEVEL:
Static level 245 ft. below land surface Date Jan. 74
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes _____ No If yes, by whom? _____
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test: _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes _____ No
Did any strata contain undesirable water? Yes _____ No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME B.J. Swinehart Water Well Drillers Registration No. 229
(Type or Print)
ADDRESS 7524 N. Freeway Houston, Texas 77037
(Street or RFD) (City) (State)
(Signed) B.J. Swinehart B.J. Swinehart Co. Inc.
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

008-W0*

WATER UTILITY DATABASE (WUD)

MAP ID# 341 Distance from Property: 4.36 mi. E

PWSID: 1010013
SOURCE ID: G101001300
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1946
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.280555730
LATITUDE: 29.767499920

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 341 Distance from Property: 4.37 mi. E

STATE ID: 65-14-901
OWNER'S NAME: CITY OF HOUSTON PLEASANTVILLE DIST 17
DATE DRILLED: 00/00/1946
DEPTH DRILLED: 858'
WATER USAGE: UNUSED
LONGITUDE: -95.280590000
LATITUDE: 29.767670000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514901/6514901.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
State ID: 65-14-901

WRD Exp. (GW)
April 1966

Well No. 65-14-901

WELL SCHEDULE

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by S. S. McAdoo Source of data File Date 1-17-68 Map Settled 1755
 State Texas County Harris Sequential number: 1
 Latitude: 29 46 03 N Longitude: 095 16 48 W
 Accuracy: 1 T. S. R. E. Sec. k. k. k. B & M
 Local well number: LJ-65-14-901 Other number: C-28
 Local use: _____ Owner was FWSD Part No. _____
 Owner or name: CITY OF HOUSTON Address: _____
 Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist M
 Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Mad, (J) P S, (K) Rec, (L) Stock, (M) Instit, (N) Unused, (O) Recharge, (P) Desal-P S, (Q) Desal-other, (R) Other P
 Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed U destroyed 1973
 DATA AVAILABLE: Well data B Freq. W/L meas.: Quarterly Field aquifer char. _____
 Hyd. lab. data: _____
 Qual. water data: type: _____
 Freq. sampling: ASIDE Pumpage inventory: no. period: _____
 Aperture cards: _____
 Log data: F-Log (U-36)

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD
 Depth well: 858 ft. Accuracy: Driller
 Depth cased: 563 ft. Casing type: S Dim: 18 1/2 in.
 Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, other S
 Method: (A) air bored, (B) cable, (C) dug, (D) hyd, (E) jettied, (F) air reverse, (G) percussion, (H) rotary, (I) wash, (J) other H
 Date drilled: Nov. 1946 Pump intake setting: 340? (1948) ft.
 Driller: Loyne Tetsco Co., Houston, Texas
 Lift: (A) air, (B) bucket, (C) cent. jet, (D) multiple, (E) none, (F) piston, (G) rot, (H) submerg, (I) turb, (J) other T Deep D
 Power (type): diesel, iso, gas, gasoline, hand, gas, wind; H.P. 75 Trans. of meter no. V
 Descrip. MP _____ ft above _____ ft below LSD, Alt. MP _____
 Alt. LSD: 90 Accuracy: Topo 5'
 Water Level: 167 ft above MP; Ft below LSD 167 Accuracy: rept.
 Date meas: Nov. 1946 Yield: 520 gpm Method determined
 Drawdown: 45 ft Accuracy: rept. Pumping period: _____ hrs.
 QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____
 Sp. Conduct _____ K x 10⁶ Temp. _____ F. Date sampled _____
 Taste, color, etc. _____

57
45
212

Well No. LJ-65-14-901

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 2
State ID: 65-14-901

Well No. LJ-65-14-901

Latitude-longitude 29.46.03 N 95.16.48.1 W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: Coastal Plain Section: 10007

G.C.P. E Drainage Basin: 51R Subbasin: 26

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system T series 28 aquifer, formation, group E 30 31

Lithology: 31 32 Origin: 34 Aquifer Thickness: 34 ft

Length of well open to: 116 ft 33 37 Depth to top of: 116 ft 41 43

MINOR AQUIFER: system 44 series 45 aquifer, formation, group 46 47

Lithology: 48 49 Origin: 50 Aquifer Thickness: 50 ft

Length of well open to: 20 ft 51 53 Depth to top of: 20 ft 57 59

Intervals Screened: 563-583; 611-634; 727-740; 784-804; 818-840;

Depth to consolidated rock: 60 ft 64 Source of data: 64

Depth to basement: 65 ft 69 Source of data: 69

Surficial material: 70 71 Infiltration characteristics: 72

Coefficient Trans: 73 75 spd/ft 74 76 Coefficient Storage: 74 76

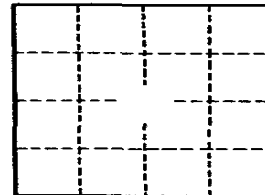
Coefficient Perm: 77 79 spd/ft²; Spec cap: 77 79 gpd/ft; Number of geologic cards: 79

557' of 18 5/8" csg set 2' above LSD.
117' of 8 5/8" Liner
440' Top of 8 5/8" Liner.

12-20-49

212.30 SD 8 min. + 3.0
208.79 SD 15 min
207.00 SD 25 min

PL below 225' tape dry



Well No. LJ-65-14-901

GPO 857-700

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 342 Distance from Property: 4.36 mi. W

ID NUMBER: TX205992
STATE ID : 65-21-2
OWNER NAME: FAIRFAX RANDAL
DATE DRILLED: 04/11/1994
DEPTH DRILLED: 410'
STATIC LEVEL: 220'
WATER USAGE: SINGLE FAMILY RESID
LONGITUDE: -95.424758000
LATITUDE: 29.748289000
2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205992

STATE OF TEXAS WATER WELL REPORT

1) OWNER: RANDALL, FAIRFAX ADDRESS: 3249 CHEVY CHASE CITY: HOUSTON STATE: TX ZIP: -
2) LOCATION OF WELL: County: HARRIS miles in W direction from HOUSTON

LEGAL DESCRIPTION SEE ATTACHED MAP

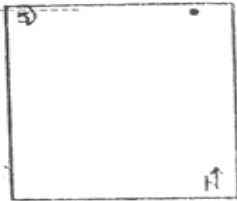
3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: SINGLE FAMILY RESID 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00815 DIAMETER OF HOLE 7) BOREHOLE METHOD:
DIAMETER FROM TO TWO STRING/K-PACKER
8.0 0 375 IF GRAVEL... FROM FT. TO FT.
4.875 375 410 FROM FT. TO FT.
DATE DRILLED: 04/11/94

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	375	CASING
3.0	N	P.V.C. SCH.40	369	390	LINER
3.0	N	STAINLESS - ROD BASE	390	410	.010

Well # 65-21-2



GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
3	28	CLAY-GRAY CLAY-WHITE CLAY-RED
28	50	SAND-TAN-.006-.008
50	123	CLAY-RED CLAY-BROWN
123	130	SAND-TAN-.010-.012
130	180	CLAY-RED CLAY-WHITE CLAY-RED
180	201	SAND-TAN-.010-.012
201	220	CLAY-RED
220	249	SAND-TAN-.010-.012 SAND-TAN-.014-.020
249	267	CLAY-BROWN
267	283	SAND-TAN-.010-.012
283	303	CLAY-RED
303	328	SAND-TAN-.010-.012
328	375	CLAY-RED CLAY-BLUE
375	406	SAND-WHITE-.006-.008 SAND-WHITE-.008

RECEIVED
AUG 25 1994
TEXAS NATURAL RESOURCE
CONSERVATION COMMISSION

9) CEMENTING DATA:
Cemented from 0 FT. TO 375 FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AMWS

10) SURFACE COMPLETION:
SURFACE SLAB INST.

11) WATER LEVEL:
STATIC LEVEL : 220 FT. DATE: 04/13/94
ARTESIAN FLOW: GPM. DATE:

PACKERS:	TYPE	DEPTH

13) TYPE PUMP: SUBMERSIBLE DEPTH TO PUMP: 315
14) WELL TEST: JETTED YIELD: 100 GPM WITH 35 FT DRAWDOWN AFTER HRS

15) WATER QUALITY: TYPE OF WATER: GOOD DEPTH OF STRATA: 410 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843 : FOR TDWR USE ONLY
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578 : WELL NO. _____
: LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) John P. Lyman (signed) _____
(LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205992

STATE OF TEXAS WATER WELL REPORT (PAGE 2)

OWNER: RANDALL, FAIRFAX ADDRESS: 3249 CHEVY CHASE CITY: HOUSTON STATE: TX ZIP: -

406 410 BROKEN SAND & CLAY



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 343 Distance from Property: 4.37 mi. S

WELL ID: **5961**
OWNERS NAME: **INDUSTRIAL METAL FINISHING COMPANY**
YEAR DRILLED: **1996**
DEPTH DRILLED: **440'**
STATIC LEVEL: **420'**
WATER USAGE: **INDUSTRIAL**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.355325000**
LATITUDE: **29.696707000**
SOURCE: **HGSD**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 343 Distance from Property: 4.37 mi. S

WELL ID: 1862
OWNERS NAME: INDUSTRIAL METAL FINISHING COMPANY
YEAR DRILLED: 1960
DEPTH DRILLED: 337'
STATIC LEVEL: 269'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.355325000
LATITUDE: 29.696707000
SOURCE: HGSD



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 343 Distance from Property: 4.37 mi. S

STATE ID: 65-22-415

OWNER'S NAME: INDUSTRIAL METAL FINISHING CO.

DATE DRILLED: 03/26/1960

DEPTH DRILLED: 306'

WATER USAGE: INDUSTRIAL

LONGITUDE: -95.355320000

LATITUDE: 29.696700000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522415/6522415.pdf>

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 343 Distance from Property: 4.37 mi. S

ID NUMBER: TX199541
STATE ID : 65-22-1
OWNER NAME: INDUSTRIAL METAL FINISHERS
DATE DRILLED: 02/13/1990
DEPTH DRILLED: 440'
STATIC LEVEL: 210'
WATER USAGE: DOMESTIC
LONGITUDE: -95.355325000
LATITUDE: 29.696707000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 343 Distance from Property: 4.37 mi. S

ID NUMBER: TX199553
STATE ID : 65-22-4A
OWNER NAME: INDUSTRIAL METAL FINISHING
DATE DRILLED: 04/13/1979
DEPTH DRILLED: 301'
STATIC LEVEL: 150'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.355320000
LATITUDE: 29.696700000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 199553

Well Log #116

DUP

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13067 Austin, Texas 78711		State of Texas WATER WELL REPORT		For TDWR use only Well No. <u>65-22-4A</u> Located on map <u>YES</u> Received: <u>TR</u>				
1) OWNER <u>Industrial Metal Finishing</u> (Name) Address <u>4200 Perry St.</u> <u>Houston</u> <u>Texas</u> <u>77021</u> (Street or RFD) (City) (State) (Zip)								
2) LOCATION OF WELL: Same <u>Harris</u> County <u>6</u> miles in <u>5</u> direction from <u>Houston</u> (N.E., S.W., etc.) (Town)								
Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.		<input type="checkbox"/> Legal description: Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____ Distance and direction from two intersecting section or survey lines _____ <input type="checkbox"/> See attached map. <u>Map on 65-15-7E - No Map.</u>						
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Domestic <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Public Supply <input type="checkbox"/> Irrigation <input type="checkbox"/> Test Well <input type="checkbox"/> Other _____		5) DRILLING METHOD (Check): <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Air Hammer <input type="checkbox"/> Driven <input type="checkbox"/> Bored <input type="checkbox"/> Air Rotary <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____				
6) WELL LOG: Date drilled <u>4/13/79</u>		DIAMETER OF HOLE Dia. (in.) From (ft.) To (ft.) <table border="1" style="width: 100%; text-align: center;"> <tr><td>6 1/2</td><td>Surface</td><td>301</td></tr> </table>		6 1/2	Surface	301	7) BOREHOLE COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give interval . . . from _____ ft. to _____ ft.	
6 1/2	Surface	301						
8) CASING, BLANK PIPE, AND WELL SCREEN DATA:								
From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From To	Gage Casing Screen	
0	26	Clay						
26	30	Sand						
30	95	Clay	4	N	Steel	0	266	40
95	106	Sand	2 1/2	N	Stainless Steel	266	276	16
106	177	Clay	2 1/2	N	Stainless Steel	276	286	10
177	185	Sand	2 1/2	N	Stainless Steel Liner	286	301	
185	193	Clay						
193	292	Sand						
292	301	Clay						
CEMENTING DATA								
Cemented from <u>216</u> ft. to <u>266</u> ft.								
Method used _____								
Cemented by _____ (Company or Individual)								
9) WATER LEVEL: Static level <u>150</u> ft. below land surface Date <u>4/14/79</u> Artesian flow _____ gpm. Date _____								
10) PACKERS: Type Depth								
11) TYPE PUMP: <input type="checkbox"/> Turbin <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowls, cylinder, jet, etc., <u>210</u> ft.								
12) WELL TESTS: <input type="checkbox"/> Type Test <input type="checkbox"/> Pump <input type="checkbox"/> Bailor <input checked="" type="checkbox"/> Jetted <input type="checkbox"/> Estimated Yield: <u>60</u> gpm with _____ ft. drawdown after _____ hrs.								
13) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input type="checkbox"/> No								
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.								
NAME <u>Tommy C. Russell</u> (Type or Print) Water Well Drillers Registration No. <u>#707</u>								
ADDRESS <u>9739 N. Houston Rosslyn</u> <u>Houston</u> <u>Texas</u> <u>77088</u> (Street or RFD) (City) (State) (Zip)								
(Signed) <u>Tommy C. Russell</u> (Water Well Driller)		BUSSELL & SON, INC. (Company Name)						
Please attach electric log, chemical analysis, and other pertinent information, if available.								

*Additional instructions on reverse side.
TDWR-0392



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 343 Distance from Property: 4.37 mi. S

ID NUMBER: TX205700
STATE ID : 65-21-5
OWNER NAME: INDUSTRIAL METAL FINISHERS
DATE DRILLED: 01/08/1997
DEPTH DRILLED: 440'
STATIC LEVEL: 188'
WATER USAGE: DOMESTIC
LONGITUDE: -95.355320000
LATITUDE: 29.696700000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205700

Send original copy by certified return receipt requested to: TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-30

ATTENTION OWNER: Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)		State of Texas WELL REPORT		Texas Water Well Drillers Advisory Council MC 177 P.O. Box 13087 Austin, TX 78711-3087 512-239-0530	
1) OWNER <u>Industrial Metal Finishers</u> ADDRESS <u>4200 Perry St. HSTN TX 77042</u>		(Name) (Street or RFD) (City) (State) (Zip)			
2) ADDRESS OF WELL: County <u>HARRIS</u> <u>4200 Perry St. HSTN TX 77042</u> GRID # <u>65-21-5</u>		(Street, RFD or other) (City) (State) (Zip)			
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No		5)	
6) WELL LOG: Date Drilling: <u>1-6-97</u> Completed <u>1-8-1997</u>		DIAMETER OF HOLE Dia. (in.) From (ft.) To (ft.) <u>7 7/8</u> Surface <u>420</u> <u>4 3/4</u> <u>420</u> <u>440</u>		7) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____	
From (ft.) To (ft.) Description and color of formation material		8) Borehole Completion (Check): <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give interval ... from _____ ft. to _____ ft.		CASING, BLANK PIPE, AND WELL SCREEN DATA:	
0 18 TOP SOIL + CLAY		Dia. (in.) New or Used Steel, Plastic, etc. Perf., Slotted, etc. Screen Mig., if commercial Setting (ft.) From To Gage Casting Screen			
18 29 SURFACE SAND		5 N SDR17 0 420			
29 83 CLAY		3 N GALVANIZED 415 420			
83 95 SAND		3 N PVC SCREENS 420 430 .012			
95 170 CLAY		3 N PVC SCREENS 430 440 .014			
170 187 SAND					
187 196 CLAY					
196 233 SAND					
233 305 CLAY					
305 415 SANDY CLAY					
415 440 SAND					
		9) CEMENTING DATA [Rule 338.44(1)] Cemented from <u>0</u> ft. to <u>15</u> ft. No. of sacks used <u>10</u> <u>320</u> ft. to <u>420</u> ft. No. of sacks used <u>8</u> Method used <u>Halliburton / Trimmer</u> Cemented by <u>Bussell + Son Inc.</u> Distance to septic system field lines or other concentrated contamination _____ ft. Method of verification of above distance _____			
13) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowls, cylinder, jet, etc., _____ ft.		10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Slab Installed [Rule 338.44(2)(A)] <input checked="" type="checkbox"/> Specified Steel Sleeve Installed [Rule 338.44(3)(A)] <input type="checkbox"/> Pitless Adapter Used [Rule 338.44(3)(b)] <input type="checkbox"/> Approved Alternative Procedure Used [Rule 338.71]			
14) WELL TESTS: Type test: <input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Jetted <input type="checkbox"/> Estimated Yield: <u>150</u> gpm with _____ ft. drawdown after _____ hrs.		11) WATER LEVEL: Static level <u>188</u> ft. below land surface Date <u>1/8/97</u> Artesian flow _____ gpm. Date _____			
15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input type="checkbox"/> No		12) PACKERS: Type Depth <u>K-PACKER</u> <u>415</u>			
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.					
COMPANY NAME <u>Bussell + Son Inc.</u> WELL DRILLER'S LICENSE NO. <u>2035</u>		(Type or print)			
ADDRESS <u>PO Box 874</u> <u>Tomball</u> <u>TX 77377-0874</u>		(Street or RFD) (City) (State) (Zip)			
(Signed) <u>Craig Bussell</u> (Licensed Well Driller)		(Signed) _____ (Registered Driller Trainee)			
Please attach electric log, chemical analysis, and other pertinent information, if available.					

TNRCC-0199 (Rev. 05-21-96)

White - TNRCC

Yellow - DRILLER

Pink - WELL OWNER



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 343 Distance from Property: 4.37 mi. S

WELL ID: **4495**
OWNERS NAME: **INDUSTRIAL METAL FINISHING COMPANY**
YEAR DRILLED: **1990**
DEPTH DRILLED: **350'**
STATIC LEVEL: **281'**
WATER USAGE: **INDUSTRIAL**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.355325000**
LATITUDE: **29.696707000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 344 Distance from Property: 4.38 mi. WSW

STATE ID: 65-21-213
OWNER'S NAME: CLAUDE B. HAMILL
DATE DRILLED: 00/00/1939
DEPTH DRILLED: 928'
WATER USAGE: DOMESTIC
LONGITUDE: -95.424330000
LATITUDE: 29.745390000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521213/6521213.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-21-213

Texas Water Development Board Well Schedule

State Well Number 6521213 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294442 Longitude 952527 Source of Coords 2

Owner's Well No. _____ Location _____
Owner Claude B. Hamill Driller Layne Texas Co.

Address _____ Tenant/Oper. _____

Date Drilled / /1939 Depth 928 Source of Depth Altitude 61 Source of Alt.
Well Type w User

WELL CONSTRUCTION Const-Method Casing Material Screen Material
Completion Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - TURBINE PUMP No. Stages _____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas., Rept., Est. - _____ Date - _____

WATER USE Primary - DOMESTIC Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - Other Data -

WATER LEVELS 1 measurement
1939
-70

Recorded By _____ Date Record Collected or Updated - 02/20/2003
Reporting Agency 01

REMARKS -
TWDB Report 178: 62 ft. of screen
between 809 and 914 ft.
Yield: 117 gpm with 19 ft.
drawdown when drilled.

Aquifer - 121EVGL ID - 15
EVANGELINE
AQUIFER

Thursday, September 14, 2006

Well Number - 6521213



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 345 Distance from Property: 4.38 mi. W

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294501095253301**

STATION NAME: **LJ-65-13-840**

SITE TYPE: **GW**

LATITUDE: **29.751530000** LONGITUDE: **-95.425750000**

DATE DRILLED: **05/15/1987**

WELL DEPTH: **471 feet**

HOLE DEPTH: **471 feet**

LOCAL AQUIFER: **CHICOT AQUIFER**



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SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 345 Distance from Property: 4.38 mi. W

TRACK #: 20927

DATE ENTERED: 2003-05-30

OWNER NAME: NED HOLMES

OWNER ADDRESS: 1623 RIVER OAKS BLVD
HOUSTON, TX 77019

COUNTY: HARRIS

LATITUDE: 29.751945000 LONGITUDE: -95.425833000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=20927&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2003-05-08

DRILLING DATE (COMPLETED): 2003-05-12

DEPTH DRILLED: 520'

WATER LEVEL:

STATIC LEVEL: 220'

WATER LEVEL DATE: 2003-05-12

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: SCOTT DRILLING INC

COMPANY ADDRESS: 11923 GREEN PINE CIRCLE
HOUSTON, TX 77066



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 345 Distance from Property: 4.38 mi. W

STATE ID: **65-13-840**

OWNER'S NAME: **HARRY HOLMES**

DATE DRILLED: **00/00/1987**

DEPTH DRILLED: **471'**

WATER USAGE: **IRRIGATION**

LONGITUDE: **-95.425750000**

LATITUDE: **29.751530000**

SOURCE: **TWDB**

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513840/6513840.pdf>



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 346 Distance from Property: 4.40 mi. WSW

ID NUMBER: TX196149
STATE ID : 65-21-2
OWNER NAME: DANNY CLAES
DATE DRILLED: 08/22/2001
DEPTH DRILLED: 70'
STATIC LEVEL: 18'
WATER USAGE: IRRIGATION
LONGITUDE: -95.423283000
LATITUDE: 29.740919000
1 PAGE(S) OF DRILLERS' LOGS

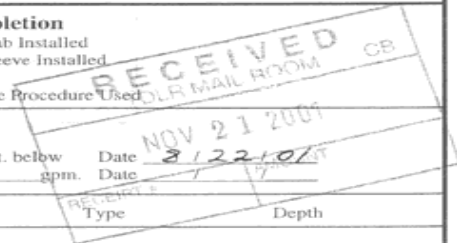


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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 196149

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.		Texas Department of License and Regulation Water Well Driller/Pump Installer Program P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616 Toll free (800)803-9202 Email address: water.well@license.state.tx.us			This form must be completed and filed with the department and owner within 60 days upon completion of the well.	
WELL REPORT						
A. WELL IDENTIFICATION AND LOCATION DATA						
1) OWNER						
Name <i>Danny Claes</i>		Address <i>2815 Bammel</i>		City <i>Houston</i>		State <i>TX</i> Zip <i>77027</i>
2) WELL LOCATION						
County <i>Harris</i>		Physical Address		City		State Zip
3) Type of Work		Lat.		Long.		Grid # <i>65-21-2</i>
<input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning		4) Proposed Use (check) <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No				5) <i>NT</i>
6) Drilling Date		Diameter of Hole			7) Drilling Method (check)	
Started <i>8/22/01</i>		Dia.(in) From (ft) To (ft)			<input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other	
Completed <i>8/22/01</i>		<i>7 surface 70</i>				
From (ft)		To (ft)		Description and color of formation material		
<i>0</i>		<i>14</i>		<i>clay</i>		
<i>14</i>		<i>18</i>		<i>sand</i>		
<i>18</i>		<i>35</i>		<i>clay</i>		
<i>35</i>		<i>39</i>		<i>Rock + shale</i>		
<i>39</i>		<i>43</i>		<i>sand</i>		
<i>43</i>		<i>45</i>		<i>clay</i>		
<i>45</i>		<i>69</i>		<i>sand</i>		
8) Borehole Completion <input type="checkbox"/> Open Hole <input type="checkbox"/> Straight Wall <input type="checkbox"/> Under-reamed <input type="checkbox"/> Gravel Packed <input type="checkbox"/> Other If Gravel Packed give the interval from _____ ft. to _____ ft.						
Casing, Blank Pipe, and Well Screen Data						
Dia. (in.)		New Or Used		Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial		Setting (ft) From To Gage Casing Screen
<i>4</i>		<i>N</i>		<i>Casing PVC</i>		<i>0 50 564.40</i>
<i>4</i>		<i>N</i>		<i>Screen PVC</i>		<i>50 60 .006</i>
9) Cementing Data						
Cementing from <i>50</i> ft. to <i>surface</i> ft. # of sacks used <i>8</i>						
Method Used <i>Pressure</i>						
Cementing By <i>Raymond Services, Inc.</i>						
Distance to septic system field or other concentrated contamination _____ ft.						
Method of verification of above distance <i>Customer</i>						
13) Plugged <input type="checkbox"/> Well plugged within 48 hours Casing left in well: Cement/Bentonite placed in well:						
From (ft)		To (ft)		From (ft)		To (ft) Sacks used
14) Typepump						
<input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other Depth to pump bowls, cylinder, jet etc. _____ ft.						
15) Water Test						
Typetest <input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Jetted <input type="checkbox"/> Estimated Yield: _____ gpm with _____ ft. drawdown after _____ hrs.						
16) Water Quality						
Did you knowingly penetrate and strata which contain undesirable constituents.						
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If yes, did you submit a REPORT OF UNDESIRABLE WATER						
Type of water _____ Depth of Strata _____						
Was a chemical analysis made <input type="checkbox"/> Yes <input type="checkbox"/> No						
Company or individual's Name (type or print)				Raymond Services, Inc. 4577WI		
Address <i>10011 Airline Drive</i>		City <i>Houston</i>		State <i>TX</i>		Zip <i>77037</i>
Signature <i>[Signature]</i>		Date		Signature <i>[Signature]</i>		Date <i>8/22/01</i>
Licensed Driller/Pump Installer				Apprentice		



TDLR FORM 001WWD

White - TDLR

Yellow - Owner

Pink - Driller/Pump Installer



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 346 Distance from Property: 4.40 mi. WSW

WELL ID: **8831**
OWNERS NAME: **GBL DEVELOPERS LLC**
YEAR DRILLED: **2001**
DEPTH DRILLED: **50'**
STATIC LEVEL: **40'**
WATER USAGE: **LAKE/POND/POOL**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.423296000**
LATITUDE: **29.740909000**
SOURCE: **HGSD**



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 347 Distance from Property: 4.40 mi. W

ID NUMBER: TX205991
STATE ID : 65-21-2
OWNER NAME: MCDUGAL-STEEL (MCNAIR)
DATE DRILLED: 02/05/1991
DEPTH DRILLED: 458'
STATIC LEVEL: 261'
WATER USAGE: IRRIGATION
LONGITUDE: -95.425707000
LATITUDE: 29.749399000

3 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 3
Water Well ID: 205991

STATE OF TEXAS WATER WELL REPORT (PAGE 2)

OWNER: MCDUGAL-STEEL (MCNAIR) ADDRESS: 849 W. 26TH STREET CITY: HOUSTON STATE: TX ZIP: 77008-

381	383	GRAVEL	:
383	406	SAND-TAN-.010-.012	:
406	433	CLAY-RED	:
433	442	SAND-TAN-FINE	:
442	448	CLAY-RED	:
448	458	SAND-TAN-FINE	:
458	459	CLAY-RED	:
459	478	SAND-TAN-.010-.012	:
478	479	CLAY-RED	:

Love

CWB

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 3
Water Well ID: 205991

DATE OF YEARS WHEN WELL REPORT

1) OWNER: MCDUGAL-STEEL (MCNAIR) ADDRESS: 849 W. 26TH STREET CITY: HOUSTON STATE: TX ZIP: 77008-
2) LOCATION OF WELL: County: HARRIS miles in W direction from HOUSTON

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00413 DIAMETER OF HOLE 7) BOREHOLE METHOD:
DIAMETER FROM TO TWO STRING/K-PACKER
8.0 0 458 IF GRAVEL... FROM FT. TO FT.
4.75 458 479 FROM FT. TO FT.
DATE DRILLED: 02/05/91

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:
DIA NEW/USED DESCRIPTION FROM TO GAGE CASING SCREEN
5.0 N P.V.C. S.D.R.17 0 458 CASING
3.0 N STEEL, NEW, GALV. 448 458 LINER
3.0 N STAINLESS - ROD BASE 458 479 .008

GEOLOGICAL DESCRIPTION:
FROM TO DESCRIPTION
0 2 SOIL
2 27 CLAY-RED
27 53 SAND-TAN-FINE
53 123 CLAY-RED
123 131 SAND-TAN-FINE
131 181 CLAY-RED
181 206 SAND-TAN-.010-.012
206 216 CLAY-RED
216 242 SAND-TAN-.010-.012
242 258 CLAY-RED
258 298 SAND-TAN-FINE
298 318 CLAY-RED
318 330 SAND-TAN-FINE
330 358 CLAY-RED
358 381 SAND-TAN-.010-.012

9) CEMENTING DATA:
Cemented from 0 FT. TO 458 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWWS

10) SURFACE COMPLETION:
APP. ALTER. PROCD.

WATER LEVEL:
STATIC LEVEL : 261 FT. DATE: 02/08/91
ARTESIAN FLOW: GPM. DATE:

RECEIVED
MAY 21 1992
TEXAS WATER WELL
DRILLERS BOARD

12) PACKERS: TYPE DEPTH
RUBBER 457
BURLAP 349

13) TYPE PUMP: SUBMERSIBLE DEPTH TO PUMP: 357
14) WELL TEST: JETTED YIELD: 60 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY: TYPE OF WATER: GOOD DEPTH OF STRATA: 479 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843 ; FOR TDWR USE ONLY
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578 ; WELL NO. _____
; LOCATED ON MAP 65-21-2

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Ally Johnson (signed) CWB
(LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 3 out of 3
Water Well ID: 205991



SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 347 Distance from Property: 4.40 mi. W

TRACK #: 182613

DATE ENTERED: 2009-06-15

OWNER NAME: MCNAIR, ROBERT

OWNER ADDRESS: 1807 RIVER OAKS BLVD
HOUSTON, TX 77019

COUNTY: HARRIS

LATITUDE: 29.749722000 LONGITUDE: -95.425555000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=182613&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2009-05-26

DRILLING DATE (COMPLETED): 2009-05-28

DEPTH DRILLED: 412'

WATER LEVEL:

STATIC LEVEL: 210'

WATER LEVEL DATE: NOT REPORTED

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: O'DAY DRILLING COMPANY, INC

COMPANY ADDRESS: 5923 CR 931
ROSHARON, TX 77583

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 347 Distance from Property: 4.40 mi. W

ID NUMBER: TX205982
STATE ID : 65-21-2
OWNER NAME: ROBERT MCNAIR
DATE DRILLED: 06/15/2000
DEPTH DRILLED: 407'
STATIC LEVEL: 206'
WATER USAGE: SINGLE FAMILY RESID
LONGITUDE: -95.425707000
LATITUDE: 29.749399000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205982

ATTENTION OWNER: Confidentiality
 Privilege Notice on Reverse Side

STATE OF TEXAS
 WATER WELL REPORT

OWNER: MC NAIR, ROBERT ADDRESS: 1807 RIVER OAKS BLVD. CITY: HOUSTON STATE: TX ZIP: -

ADDRESS OF WELL: 65-21-2
 County: HARRIS GRID # 65-13-0
 Street or RFD: 1807 RIVER OAKS BLVD.
 City, State, Zip code: HOUSTON TX -

TYPE OF WORK: NEW WELL 4) PROPOSED USE: SINGLE FAMILY RESID
 If Public Supply well, were plans submitted to the TNRCC?

WELL LOG: 01871 DIAMETER OF HOLE 7) DRILLING METHOD: 8) BOREHOLE COMPLETION:

DATE DRILLING:	DIAMETER	FROM	TO	DRILLING METHOD:	BOREHOLE COMPLETION:
STARTED: 06/07/00	8.5	0	382	MUD ROTARY	TWO STRING/K-PACKER
COMPLETED: 06/15/00	4.875	382	407		IF GRAVEL... FROM FT. TO FT.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0	N	STEEL, NEW, BLACK	0	382	CASING
3.0	N	STEEL, NEW, GALV.	369	386	LINER
3.0	N	SS ROD BASE DN PIPE	386	406	.008
3.0	N	STEEL, NEW, GALV.	406	407	BLANK

LOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	2	FILL SOIL
2	30	CLAY-RED
30	48	SAND-TAN-.010-.012
48	59	CLAY-TAN
59	70	SAND-TAN-.010-.012
70	177	CLAY-RED
177	193	SAND-TAN-.006-.008
193	217	CLAY-RED
217	243	SAND-TAN-.006-.008 SAND-TAN-.010-.012 SAND-TAN-.014-.02
243	260	CLAY-GRAY
260	304	SAND-TAN-.006-.008
304	358	CLAY-RED CLAY-GRAY
358	406	SAND-TAN-.006-.008 SAND-TAN-.010-.012
406	407	CLAY-RED

9) CEMENTING DATA:

Cemented from 0 FT. TO 382 FT. No. of Sacks Used 78
 FT. TO FT.
 Method used: PRESSURE-HALIBURTON
 Cemented by: AWWS
 Distance to septic field lines: N/A ft.
 Method of verification of above distance: CITY SEWER

10) SURFACE COMPLETION:
 PITLESS ADAPTER USED

11) WATER LEVEL:
 STATIC LEVEL : 206 FT. DATE: 06/09/00
 ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
K-PACKER	369
K-PACKER	370
K-PACKER	371

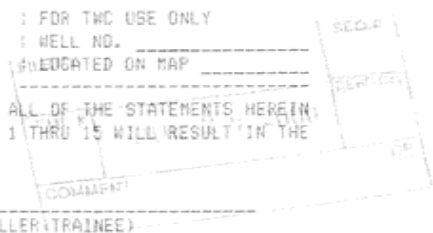
13) TYPE PUMP: SUBMERSIBLE DEPTH TO PUMP: 318
 14) WELL TEST: JETTED YIELD: 60 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY: TYPE OF WATER: GOOD DEPTH OF STRATA: 407 NO CHEMICAL ANALYSIS MADE
 NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843, 2350, 2843 FOR TWC USE ONLY
 ADDRESS: P.O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578 WELL NO. _____

HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

signed) Carl L. Oyster (signed) _____
 LICENSED WATER WELL DRILLER REGISTERED DRILLER (TRAINEE)



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 348 Distance from Property: 4.40 mi. E

STATE ID: 65-14-914
OWNER'S NAME: PORT CITY COMPRESS & WAREHOUSE CO.
DATE DRILLED: NOT REPORTED
DEPTH DRILLED: 569'
WATER USAGE: UNUSED
LONGITUDE: -95.279430000
LATITUDE: 29.759750000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514914/6514914.pdf>



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 349 Distance from Property: 4.41 mi. W

ID NUMBER: TX200639
STATE ID : 65-15-8
OWNER NAME: BOBBY EARTHMAN
DATE DRILLED: 08/07/2001
DEPTH DRILLED: 430'
STATIC LEVEL: 180'
WATER USAGE: IRRIGATION FOR RESIDENCE
LONGITUDE: -95.426859000
LATITUDE: 29.761293000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 200639

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.		Texas Department of License and Regulation Water Well Driller/Pump Installer Program P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616 Toll free (800)803-9202 Email address: water.well@license.state.tx.us			This form must be completed and filed with the department and owner within 60 days upon completion of the well.	
WELL REPORT						
A. WELL IDENTIFICATION AND LOCATION DATA						
1) OWNER						
Name BOBBY KANTHMAN		Address 28 CRESTWOOD DR.		City HOUSTON	State TX	Zip 77007
2) WELL LOCATION						
County HARRIS		Physical Address 28 CRESTWOOD DR.		City HOUSTON	State TX	Zip 77007
3) Type of Work		Lat.		Long.		Grid # 65-15-8
<input checked="" type="checkbox"/> New Well <input type="checkbox"/> Reconditioning <input type="checkbox"/> Replacement <input type="checkbox"/> Deepening		4) Proposed Use (check) <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input type="checkbox"/> Testwell <input type="checkbox"/> Rig Supply <input checked="" type="checkbox"/> For Residence <input type="checkbox"/> Public Supply well, were plans submitted? <input type="checkbox"/> Yes <input type="checkbox"/> No				5) NT
6) Drilling Date		Diameter of Hole			7) Drilling Method (check)	
Started 8 / 6 / 01		Dia.(in)	From (ft)	To (ft)	<input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____	
Completed 8 / 7 / 01		8	0	430		
From (ft)		To (ft)		Description and color of formation material		
0 - 10				TOP SOIL		
10 - 40				Red clay		
40 - 80				Red sand		
80 - 120				White clay		
120 - 200				SAND		
200 - 260				CLAY, ROCK		
260 - 320				SHALE, CLAY		
320 - 400				CLAY		
400 - 430				SAND		
8) Borehole Completion <input type="checkbox"/> Open Hole <input type="checkbox"/> Straight Wall <input type="checkbox"/> Under-reamed <input type="checkbox"/> Gravel Packed <input checked="" type="checkbox"/> Other 2 STRING If Gravel Packed give the interval from _____ ft. to _____ ft.						
-Casing, Blank Pipe, and Well Screen Data						
	Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From To		Gage Casing Screen
	5	N	CASING	406 0		SOR17
	2.5	N	LINER	406 400		Sch40
	2.5	N	SCREEN	430-406		012
9) Cementing Data						
Cementing from 406 ft. to 0 ft. # of sacks used 26 _____ ft. to _____ ft. # of sacks used 12 Method Used API, BURTON Cementing By RWW Distance to septic system, field or other concentrated contamination City Method of verification of above OWNER						
10) Surface Completion						
<input type="checkbox"/> Specified Surface Slab Installed <input checked="" type="checkbox"/> Specified Surface Sleeve Installed <input type="checkbox"/> Pitless Adapter Used <input type="checkbox"/> Approved Alternative Procedure Used						
11) Water Level						
Static level 180 ft. below Date 8 / 7 / 01 Artesian Flow _____ gpm. Date _____ / _____ / _____						
12) Packers						
Type R Depth 400						
DAVID HELMS						
Company or individual's Name (type or print) ROBINSON WATER WELL SERVICE, INC.				Lic. No. 54211 PKW		
Address 11819 W. MONTGOMERY RO.			City HOUSTON	State TX	Zip 77086	
Signature David Helms		Date 9 / 13 / 01		Signature _____		Date _____
Licensed Driller/Pump Installer		Date		Apprentice		Date

200639



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 350 Distance from Property: 4.41 mi. E

WELL ID: 1711
OWNERS NAME: EXXON CHEMICAL COMPANY
YEAR DRILLED: 1947
DEPTH DRILLED: 701'
STATIC LEVEL: 635'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.280167000
LATITUDE: 29.750584000
SOURCE: HGSD



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 351 Distance from Property: 4.42 mi. W

ID NUMBER: TX206017
STATE ID : 65-21-3K
OWNER NAME: RIVER OAKS COUNTRY CLUB
DATE DRILLED: 04/15/1974
DEPTH DRILLED: 726'
STATIC LEVEL: 275'
WATER USAGE: IRRIGATION
LONGITUDE: -95.426574000
LATITUDE: 29.753007000

2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2

Water Well ID: 206017

2) LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area. e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-GW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.

260	270	Shale
270	295	Sand
295	310	Hard Shale
310	325	Shale
325	355	Shale
355	385	Sand
385	390	Shale
390	415	Sand
415	435	Sand
435	445	Shale
445	465	Sand
465	485	Shale
485	530	Sand
530	565	Sand
565	580	Shale
580	595	Sand
595	620	Shale
620	680	Sand
680	700	Sand

RECEIVED
MAY 17 1974
TEXAS WATER
DEVELOPMENT BOARD

RECEIVED
JUL 17 1974
Control Records
Texas Water Development Board

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 352 Distance from Property: 4.43 mi. SW

WELL ID: 11394
OWNERS NAME: METHODIST HOSPITAL, THE
YEAR DRILLED: Not Reported
DEPTH DRILLED: 420'
STATIC LEVEL: 370'
WATER USAGE: DOMESTIC/COMMERCIAL
WELL STATUS: ACTIVE
LONGITUDE: -95.399362000
LATITUDE: 29.710016000
SOURCE: HGSD



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 353 Distance from Property: 4.43 mi. W

ID NUMBER: TX205993
STATE ID : 65-21-2
OWNER NAME: DR MIKE MANN
DATE DRILLED: 06/20/1994
DEPTH DRILLED: 412'
STATIC LEVEL: 220'
WATER USAGE: DOMESTIC
LONGITUDE: -95.425941000
LATITUDE: 29.748188000
2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205993

STATE OF TEXAS WATER WELL REPORT

1) OWNER: MANN, DR. MIKE ADDRESS: 1907 RIVER OAKS BLVD. CITY: HOUSTON STATE: TX ZIP: -
2) LOCATION OF WELL: County: HARRIS miles in W direction from HOUSTON

LEGAL DESCRIPTION SEE ATTACHED MAP

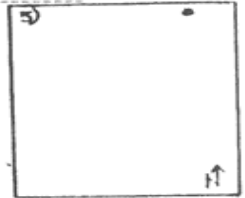
3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: DOMESTIC 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00836 DIAMETER OF HOLE 7) BOREHOLE METHOD:
DIAMETER FROM TO TWO STRING/K-PACKER
8.0 0 380 IF GRAVEL... FROM FT. TO FT.
4.875 380 412 FROM FT. TO FT.
DATE DRILLED: 06/20/94

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	380	CASING
3.0	N	P.V.C. SCH.40	370	391	LINER
3.0	N	STAINLESS - ROD BASE	391	411	.008
3.0	N	P.V.C. SCH.40	411	412	BLANK

WELL # 65-21-2



GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	4	FILL
4	42	CLAY-GRAY CLAY-BROWN
42	61	SAND-TAN-.006-.008
61	123	CLAY-RED
123	149	SAND-TAN-.010-.012
149	180	CLAY-TAN
180	182	SAND-TAN-.006-.008
182	183	ROCK
183	190	SAND-TAN-.006-.008
190	210	BROKEN SAND & CLAY
210	229	CLAY-WHITE
229	251	SAND-TAN-.010-.012 SAND-TAN-.014-.020
251	269	CLAY-TAN
269	278	SAND-TAN-.010-.012
278	327	CLAY-RED SHALE

9) CEMENTING DATA:
Cemented from 0 FT. TO 380 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: ANWS

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 220 FT. DATE: 06/22/94
ARTESIAN FLOW: GPM. DATE:

RECEIVED
AUG 25 1994

TEXAS NATURAL RESOURCE
CONSERVATION COMMISSION

PACKERS:	TYPE	DEPTH
-----	-----	-----
-----	-----	-----

13) TYPE PUMP: SUBMERSIBLE DEPTH TO PUMP: 315
14) WELL TEST: JETTED YIELD: 100 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY: TYPE OF WATER: GOOD DEPTH OF STRATA: 412 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843 : FOR TDWR USE ONLY
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578 : WELL NO. _____
: LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) John A. Glavin (signed) _____
(LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205993

S OF TEXAS WATER WELL REPORT (PAGE 2)

OWNER: MANN, DR. MIKE ADDRESS: 1907 RIVER OAKS BLVD. CITY: HOUSTON STATE: TX ZIP: -

327 335 SAND-WHITE-.006-.008
335 372 SHALE
372 388 SHALE-SAND STREAKS ROCK SHALE-SAND STREAKS
388 411 SAND-WHITE-.006-.008
411 412 SHALE



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 354 Distance from Property: 4.44 mi. SSW

WELL ID: **10786**
OWNERS NAME:
YEAR DRILLED: **2009**
DEPTH DRILLED: **550'**
STATIC LEVEL: **510'**
WATER USAGE: **DOMESTIC/COMMERCIAL**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.388366000**
LATITUDE: **29.703555000**
SOURCE: **HGSD**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 354 Distance from Property: 4.44 mi. SSW

WELL ID: 2569
OWNERS NAME: VA HOSPITAL
YEAR DRILLED: 1962
DEPTH DRILLED: 463'
STATIC LEVEL: 412'
WATER USAGE: PUBLIC SUPPLY
WELL STATUS: PLUGGED
LONGITUDE: -95.388393000
LATITUDE: 29.703552000
SOURCE: HGSD



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 354 Distance from Property: 4.44 mi. SSW

ID NUMBER: TX199515
STATE ID : 65-21-6A
OWNER NAME: VETERANS ADMINISTRATION HOSPITAL
DATE DRILLED: 01/??/1963
DEPTH DRILLED: 465'
STATIC LEVEL: NOT REPORTED
WATER USAGE: USE FOR HOSPITAL
LONGITUDE: -95.388393000
LATITUDE: 29.703552000
2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 199515

65-21-6A
65-28-6A

File original copy with Texas Water Commission P. O. Box 2311, Capitol Station Austin 11, Texas

State of Texas
DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No. 65-21-6A
Located on map By VW Date 1/8/63
Map no. 1828

1) Well Owner: Veterans Administration Hospital, 2002 Holcombe Blvd., Houston, Texas

2) Land Owner: Same

3) Intended use: Industrial Municipal Irrigation Other Use for Hospital

4) Location of well: County Harris Co. in Houston City Limits

NE1/4 NE1/4 SW1/4 SE1/4 of Section _____ Block No. _____ Survey _____

_____ miles in _____ direction
from _____ Town _____

(Job No. 1260)

Well drilled for the Knutson Construction Company, General Contractor
The Veterans Administration Hospital's location is bound on the North by Holcombe Blvd., by Almeda Road on the East, by O.S.T. Road on the South and by Cambridge Street on the West.

Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 9-7/8 in. Date drilled Jan. 1963

All measurements made from _____ ft. above ground level.

From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material
0	10	<input checked="" type="checkbox"/> Top Soil & Sub Clay	293	304	Fine Sand
10	48	Red Joint Clay	304	410	Gray Shale
48	56	Fine Sand	410	432	Medium Sand
56	90	Multi-colored clay	432	453	Gray Shale
90	97	Coarse Sand	453	463	Medium to Coarse Sand
97	167	Multi-colored Clay	463	465	Gray Shale
167	181	Fine Sand			
181	293	Red Joint Clay			

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION		CASING		SCREEN	
Straight wall <input checked="" type="checkbox"/>		Type: Old <input type="checkbox"/> New <input checked="" type="checkbox"/>		Type <u>S.S. wire wrapped</u>	
Under reamed <input type="checkbox"/>		Cemented from <u>0</u> ft. to <u>406</u> ft.		Perforated <input type="checkbox"/> Slotted <input type="checkbox"/>	
Gravel packed <input type="checkbox"/>		Diameter (inches) from (ft) to (ft)		Diameter (inches) from (ft) to (ft)	
Open hole <input type="checkbox"/>		<u>6-5/8"</u> 0 406		Setting from (ft) to (ft)	
Other _____				<u>See Setting Data Attached</u>	

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

L.M. Stewart Signature TEXAS WATER WELLS, Inc. Company Name Reg. No. 166

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

WATER LEVEL AND PUMP DATA

Static water level _____ ft. below _____			Pump type <u>Jacuzzi Submersible Type</u>		
Pumping level _____ feet _____ hours _____ gpm			Designed pumping rate <u>50 GPM</u> gpm <input type="checkbox"/> sph <input type="checkbox"/>		
<u>Well tested at 50 G.P.M. for four hours.</u>			Type power unit <u>Electric Motor</u>		
			Horsepower <u>7 1/2 HP</u>		
			Depth to bowls, cylinder, jet, etc., <u>250'</u> ft. below pump base.		

Name of contractor testing well or installing permanent pump if other than your company: _____

C-34 (62-4)

WATER SUPPLY, DEEP WELLS AND PUMPS

A. E. FAWCETT, JR., PRESIDENT

TEXAS WATER WELLS

INC.

TRU-GRAVEL-WALL WELLS

951 MCCARTY DRIVE, HOUSTON 25, TEXAS, PHONE OR-2-7581

November - 1962

Knutson Construction Company
Veterans Hospital Addition
Houston, Texas

SETTING DATA

SURFACE CASING:

SET AND CEMENTED IN PLACE: 406' of 6-5/8" O.D. , 19.45# T & C black steel pipe. Cementing performed by Halliburton Company.

SCREEN AND BLANK LINER:

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>
390'	390'	6" x 4" lead seal
412'	412'	22' of 4-1/2" Blank Liner
432'	432'	20' of 4" S.S. Screen
453'	453'	21' of 4-1/2" Blank Liner
463'	463'	10' of 4" S.S. Screen
463'	465'	2' of 4-1/2" Blank Liner with back pressure valve and wood wash plug.

MEMBER TEXAS WATER WELL DRILLING CONTRACTORS ASSOCIATION

*Attach: 6A
WW# 65-21. #*

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 354 Distance from Property: 4.44 mi. SSW

ID NUMBER: TX206844
STATE ID : 65-21-6
OWNER NAME: V.A. MEDICAL CENTER
DATE DRILLED: 11/30/1995
DEPTH DRILLED: 544'
STATIC LEVEL: 216'
WATER USAGE: IRRIGATION
LONGITUDE: -95.388393000
LATITUDE: 29.703552000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 206844

STATE OF TEXAS WATER WELL REPORT

1) OWNER: V.A. MEDICAL CENTER ADDRESS: 2002 HOLCOMBE BLVD. CITY: HOUSTON STATE: TX ZIP: 77030-4298
 2) LOCATION OF WELL: County: HARRIS 0 miles in S direction from HOUSTON

LEGAL DESCRIPTION:
 Section No.: G-9 Block No.: S Township: HOUSTON
 Abstract No.: HOLCOMBE Survey Name: CONTR#V580C-802
 Distance and direction from two intersecting section or survey lines: HOLCOMBE & ALMEDA

65-21-6

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 16359 DIAMETER OF HOLE 7) BOREHOLE METHOD:
 DIAMETER FROM TO STRAIGHT WALL
 10 5/8 0 470 IF GRAVEL... FROM FT. TO FT.
 6 1/2 470 544 FROM FT. TO FT.

DATE DRILLED: 11/30/95

GEOLOGICAL DESCRIPTION:			8) CASING, BLANK PIPE, AND WELL SCREEN DATA:					
FROM	TO	DESCRIPTION	DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
0	5	TOP SOIL	6 5/8	N	STEEL CASING	0	470	40
5	46	CLAY	4	N	GALVANIZED LINER	447	478	40
46	58	SAND	4	N	S/S PIPE BASE SCREEN	478	499	10
58	72	CLAY	4	N	S/S PIPE BASE SCREEN	499	520	12
72	85	SAND	4	N	S/S PIPE BASE SCREEN	520	532	14
85	102	CLAY	4	N	GALVANIZED LINER	532	544	40

9) CEMENTING DATA:
 Cemented from 470 FT. TO 0 FT.
 FT. TO FT.
 Method used: PRESSURE
 Cemented by: ODCI

RECEIVED
FEB 26 1996

10) SURFACE COMPLETION:
 SLAB

11) WATER LEVEL:
 STATIC LEVEL : 216 FT. DATE: 11/30/95
 ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH
 B P VALVE 447

13) TYPE PUMP: SUBMERSIBLE 14) WELL TEST: PUMP
 DEPTH TO PUMP: 315 YIELD: 201 GPM WITH 22 FT DRAWDOWN AFTER 24 HRS

15) WATER QUALITY:
 TYPE OF WATER: N/A DEPTH OF STRATA: 58 CHEMICAL ANALYSIS MADE
 NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: O'DAY DRILLING CO., INC. WATER WELL DRILLER'S LICENSE NO.: 1877,4111,4883, : FOR TOWER USE ONLY
 ADDRESS: 14405 GARDEN RD CITY: PEARLAND STATE: TX ZIP CODE: 77581 : WELL NO. _____
 : LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Marshall Barnett (signed) _____
 (LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 354 Distance from Property: 4.44 mi. SSW

WELL ID: **5530**
OWNERS NAME:
YEAR DRILLED: **1996**
DEPTH DRILLED: **550'**
STATIC LEVEL: **350'**
WATER USAGE: **LAKE/POND/POOL**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.388366000**
LATITUDE: **29.703547000**
SOURCE: **HGSD**



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SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 355 Distance from Property: 4.45 mi. W

TRACK #: 278221

DATE ENTERED: 2012-02-03

OWNER NAME: ROD CUTSINGER

OWNER ADDRESS: 2109 RIVER OAKS BLVD.
HOUSTON, TX

COUNTY: HARRIS

LATITUDE: 29.746945000 LONGITUDE: -95.427222000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=278221&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2006-09-12

DRILLING DATE (COMPLETED): 2006-10-06

DEPTH DRILLED: 380'

WATER LEVEL:

STATIC LEVEL: 199'

WATER LEVEL DATE: 2006-09-14

TYPE OF WATER: NOT TESTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: ALMEDA WATER WELL SERVICE

COMPANY ADDRESS: PO BOX 266
MANVEL, TX 77578



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 356 Distance from Property: 4.45 mi. NW

STATE ID: 65-13-625
OWNER'S NAME: NATIONAL FORGE CO.
DATE DRILLED: 01/08/1969
DEPTH DRILLED: 410'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.402660000
LATITUDE: 29.808490000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513625/6513625.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-13-625

Texas Water Development Board Well Schedule

State Well Number 6513625 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294819 Longitude 952406 Source of Coords 2

Owner's Well No. _____ Location _____
Owner National Forge Co. Driller American Drilling

Address _____ Tenant/Oper. _____

Date Drilled 01/08/1969 Depth 410 Source of Depth D Altitude 67 Source of Alt. M
Well Type W User

WELL CONSTRUCTION Const-Method Casing Material Screen Material Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____
Completion

LIFT DATA - Pump Mfr. - _____ Type - SUBMERSIBLE PUMP No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - 20
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - INDUSTRIAL Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - N Quality - N Logs - D Other Data -

WATER LEVELS

Recorded By _____ Date Record Collected or Updated - 11/03/1998
Reporting Agency 02

REMARKS -

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER,LOWER

Wednesday, February 01, 2006

Well Number - 6513625



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 356 Distance from Property: 4.45 mi. NW

ID NUMBER: TX206822
STATE ID : 65-13-3C
OWNER NAME: NATIONAL FORGE CO
DATE DRILLED: 01/15/1969
DEPTH DRILLED: 410'
STATIC LEVEL: 168'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.402660000
LATITUDE: 29.808490000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 206822

65-13-3C or 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TWDB use only
Well No. 65-13-3C-90
Located on map 12-2
Received: 6/2
Form GW 8
Form GW 9

1) OWNER:
Person having well drilled National Forge Co. Address: 330 W 25th St. Houston, Texas
(Name) (Street or RFD) (City) (State)
Landowner Same Address Same
(Name) (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris Labor _____ League _____ Abstract No. _____
NW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section _____ Block No. _____ Survey _____
(Circle as many as are known)
miles in _____ direction from _____ (Town)
 $\frac{1}{2}$ mile southeast of North Loop and Shepherd

NORTH
↑

Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of Hole 9 5/8" x 5 7/8" in. Depth drilled 410 ft. Depth of completed well 410 ft. Date drilled I-15-69
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	From (ft.)	To (ft.)	Description and color of formation material
0	18	Surface	198	216	Clay blue
18	39	Sand	216	240	Brackish sand
39	190	Clay	240	330	Clay & shale
190	194	Fine sand	330	360	Sand
			360	380	Clay
			380	410	Sand

(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall Gravel packed Other
Under reamed Open hole

8) WATER LEVEL:
Static level 168 ft. below land surface Date I-8-69
Artesian pressure _____ lbs. per square inch Date _____

9) CASING:
Type: old New Steel Plastic Other
Cemented from Surface ft. to 225 ft.

10) SCREEN:
Type Stainless steel wire
Perforated Slotted

Diameter (inches)	Setting		Gage	Diameter (inches)	Setting		Slot size
	From (ft.)	To (ft.)			From (ft.)	To (ft.)	
6"	225			4"	225	410	

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom?
W. M. Talley
Yield: 170 gpm with 20 ft. drawdown after 3 hrs
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs
Artesian flow _____ gpm Date _____
Temperature of water _____
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

12) PUMP DATA:
Manufacturer's Name Ruth Merry
Type Submersible H.P. 20
Designed pumping rate 175 gpm gph
Type power unit 440
Depth to bowls, cylinder, jet, etc., 210 ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME W. M. Talley (Type or Print) Water Well Drillers Registration No. 978
Address 4631 Allum Road (Street or RFD) (City) Houston (State) Texas
(Signed) W. M. Talley (Water Well Driller) American Drill, Co (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

(GN)

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 356 Distance from Property: 4.45 mi. NW

WELL ID: 2198
OWNERS NAME: NATIONAL FLAME & FORGE, INC.
YEAR DRILLED: 1965
DEPTH DRILLED: 612'
STATIC LEVEL: NOT REPORTED
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.402664000
LATITUDE: 29.808485000
SOURCE: HGSD



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 357 Distance from Property: 4.46 mi. SSE

ID NUMBER: TX205413
STATE ID : 65-22-4
OWNER NAME: BLACKWELL PLASTICS
DATE DRILLED: 04/13/1993
DEPTH DRILLED: 451'
STATIC LEVEL: 188'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.332770000
LATITUDE: 29.697886000

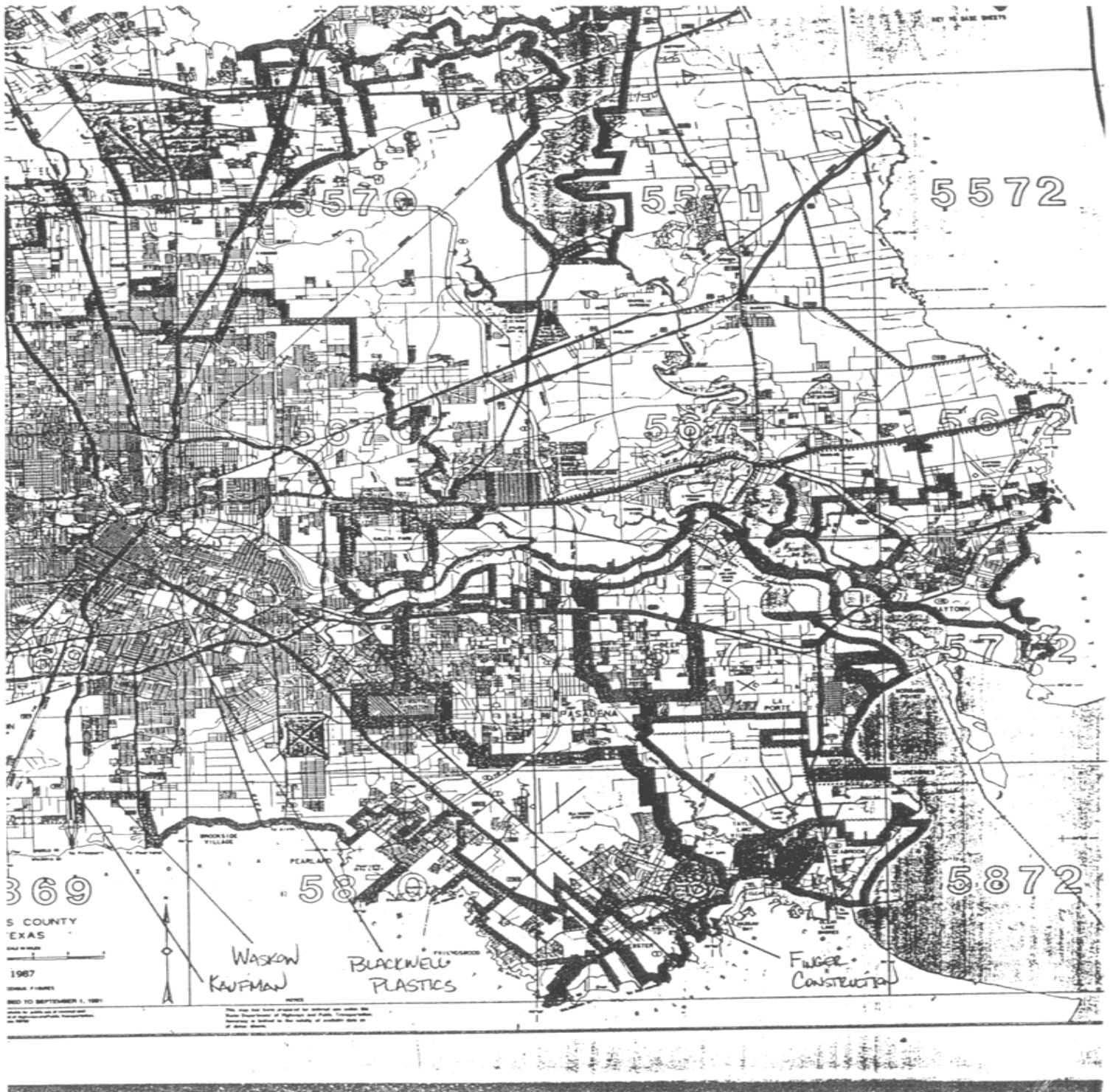
3 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 3
Water Well ID: 205413



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 3
Water Well ID: 205413

STATE OF TEXAS WATER WELL REPORT (PAGE 2)

OWNER: BLACKWELL PLASTICS ADDRESS: 5606 CAVANAUGH CITY: HOUSTON STATE: TX ZIP: 77021-

365 420 CLAY-RED SHALE :
420 426 BROKEN SAND & CLAY :
426 451 SAND-TAN-.006-.008 SAND-TAN-.010-.012 :

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SEP 07 1993
TEXAS WATER COMMISSION



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 3 out of 3
Water Well ID: 205413

STATE OF TEXAS WATER WELL REPORT

1) OWNER: BLACKWELL PLASTICS ADDRESS: 5606 CAVANAUGH CITY: HOUSTON STATE: TX ZIP: 77021-
2) LOCATION OF WELL: County: HARRIS 10 miles in N direction from PEARLAND

LEGAL DESCRIPTION SEE ATTACHED MAP

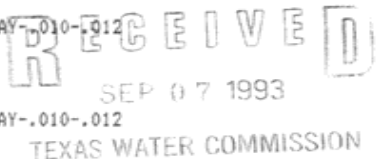
3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: INDUSTRIAL 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00684 DIAMETER OF HOLE 7) BOREHOLE METHOD:
DIAMETER FROM TO TWD STRING/K-PACKER
6.75 0 425' IF GRAVEL... FROM FT. TO FT.
3.875 425' 451' FROM FT. TO FT.
DATE DRILLED: 04/13/93

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:
DIA NEW/USED DESCRIPTION FROM TO GAGE CASING SCREEN
4 N P.V.C. SCH.40 0 425' CASING
2.5 N P.V.C. SCH.40 416' 426' LINER
2.5 N P.V.C. - SLOTTED 426' 431' .006
2.5 N P.V.C. - SLOTTED 431' 451' .006

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
3	42	CLAY-BROWN
42	43	ROCK
43	85	SAND-TAN-.006-.008 SAND-TAN-.010-.012
85	205	CLAY-BLUE CLAY-RED
205	218	BROKEN SAND & CLAY
218	244	SAND-GRAY-.006-.008 SAND-GRAY-.010-.012
244	274	CLAY-BLUE
274	293	SAND-GRAY-.010-.012
293	323	CLAY-RED CLAY-BLUE
323	330	SAND-GRAY-.006-.008 SAND-GRAY-.010-.012
330	352	CLAY-RED
352	354	SAND-GRAY-.006-.008
354	360	CLAY-BLUE
360	365	SAND-GRAY-.006-.008



9) CEMENTING DATA:
Cemented from 0 FT. TO 425 FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWWS

10) SURFACE COMPLETION:
APP. ALTER. PROCD.
11) WATER LEVEL:
STATIC LEVEL : 188' FT. DATE: 04/15/93
ARTESIAN FLOW: 6PM. DATE:

12) PACKERS: TYPE DEPTH

13) TYPE PUMP: SUBMERSIBLE DEPTH TO PUMP: 273'
14) WELL TEST: JETTED YIELD: 100 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY: TYPE OF WATER: GOOD DEPTH OF STRATA: 451' NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843 ; FOR TDWR USE ONLY
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578 ; WELL NO. ; LOCATED ON MAP 65.22.4

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Mike Pyron (signed) _____
(LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 358 Distance from Property: 4.47 mi. W

ID NUMBER: TX206120
STATE ID : 65-13-8
OWNER NAME: DR. BOYCE
DATE DRILLED: 01/20/1995
DEPTH DRILLED: 408'
STATIC LEVEL: 230'
WATER USAGE: DOMESTIC
LONGITUDE: -95.427041000
LATITUDE: 29.750422000

2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 206120

Send original copy by certified mail to: TNRCC, P.O. Box 4000, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side		State of Texas WELL REPORT		Texas Water Well Drillers Advisory Council P.O. Box 13087 Austin, TX 78711-3087 512-239-0530	
1) OWNER _____ (Name)		ADDRESS _____ (Street or RFD)		(City) _____ (State) _____ (Zip) _____	
2) ADDRESS OF WELL: County _____		(Street, RFD or other) _____ (City) _____ (State) _____ (Zip) _____		GRID # <u>65-13-8</u>	
3) TYPE OF WORK (Check): <input type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No		5) _____	
6) WELL LOG: Date Drilling: Started _____ 19____ Completed _____ 19____		7) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____		↑	
DIAMETER OF HOLE		8) Borehole Completion (Check): <input type="checkbox"/> Open Hole <input type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give interval ... from _____ ft. to _____ ft.			
From (ft.) To (ft.) Description and color of formation material		CASING, BLANK PIPE, AND WELL SCREEN DATA:			
		Dia. (in.) New or Used		Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	
				Setting (ft.)	
				From To	
				Gage Casing Screen	
		9) CEMENTING DATA [Rule 338.44(1)] Cemented from _____ ft. to _____ ft. No. of sacks used _____ _____ ft. to _____ ft. No. of sacks used _____ Method used _____ Cemented by _____ Distance to septic system field lines or other concentrated contamination _____ ft. Method of verification of above distance _____			
13) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowls, cylinder, jet, etc., _____ ft.		10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Slab Installed [Rule 338.44(2)(A)] <input type="checkbox"/> Specified Steel Sleeve Installed [Rule 338.44(3)(A)] <input type="checkbox"/> Pitless Adapter Used [Rule 338.44(3)(b)] <input type="checkbox"/> Approved Alternative Procedure Used [Rule 338.71]			
14) WELL TESTS: Type test: <input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input type="checkbox"/> Jetted <input type="checkbox"/> Estimated Yield: _____ gpm with _____ ft. drawdown after _____ hrs.		11) WATER LEVEL: Static level _____ ft. below land surface Date _____ Artesian flow _____ gpm. Date _____			
15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input type="checkbox"/> No		12) PACKERS: Type Depth			
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.					
COMPANY NAME _____ (Type or print)		WELL DRILLER'S LICENSE NO. _____			
ADDRESS _____ (Street or RFD)		(City) _____		(State) _____ (Zip) _____	
(Signed) _____ (Licensed Well Driller)		(Signed) _____ (Registered Driller Trainee)			
Please attach electric log, chemical analysis, and other pertinent information, if available.					

TNRCC-0199 (Rev. 11-01-94)

TNRCC COPY



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 206120

: OF TEXAS WATER WELL REPORT

1) OWNER: BOYCE, DR. ADDRESS: 1708 RIVER OAKS BLVD CITY: HOUSTON STATE: TX ZIP: 77019-
2) LOCATION OF WELL: County: HARRIS 0 miles in SW direction from HOUSTON

LEGAL DESCRIPTION:

Section No.: F-8 Block No.: SW Township: HOUSTON
Abstract No.: RIVER OAKS Survey Name: ASPEN BLDRS
Distance and direction from two intersecting section or survey lines: RIVER OAKS BLVD & INWOOD

65-13-B

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: DOMESTIC 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 15618 DIAMETER OF HOLE FROM TO 7) BOREHOLE METHOD:
DIAMETER FROM TO
7.5 0 408 STRAIGHT WALL
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 01/20/95

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION	DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
0	3	TOP SOIL	5	N	PVC CASING	0	380	WW
3	13	CLAY	2.5	N	GALVANIZED LINER	365	386	WW
13	32	SAND	2.5	N	SUPERFLO SCREEN	386	406	08
32	42	CLAY	2.5	N	PVC LINER	406	408	80
42	69	SAND						
69	185	CLAY						
185	196	SAND						
196	223	CLAY						
223	240	SAND						
240	271	CLAY						
271	285	SAND						
285	292	CLAY						
292	302	SAND						
302	325	CLAY						
325	333	SAND						
333	360	CLAY						
360	375	SAND						
375	377	ROCK						
377	386	CLAY						
386	406	SAND						
406	408	CLAY						

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5	N	PVC CASING	0	380	WW
2.5	N	GALVANIZED LINER	365	386	WW
2.5	N	SUPERFLO SCREEN	386	406	08
2.5	N	PVC LINER	406	408	80

9) CEMENTING DATA:

Cemented from 380 FT. TO 0 FT.
FT. TO FT.
Method used: PRESSURE
Cemented by: ODCI

10) SURFACE COMPLETION:

OTHER

11) WATER LEVEL:

STATIC LEVEL : 230 FT. DATE: 01/20/95
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
B P VALVE	365

13) TYPE PUMP:

SUBMERSIBLE
DEPTH TO PUMP: 336

14) WELL TEST:

JETTED
YIELD: 55 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:

TYPE OF WATER: N/A DEPTH OF STRATA: 20 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: O'DAY DRILLING CO., INC. WATER WELL DRILLER'S LICENSE NO.: 1877,4111,4883, : FOR TDWR USE ONLY
ADDRESS: 14405 GARDEN RD CITY: PEARLAND STATE: TX ZIP CODE: 77581 : WELL NO. _____
: LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Angel Bautista (signed) _____
(LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 359 Distance from Property: 4.48 mi. WSW

STATE ID: 65-21-215
OWNER'S NAME: CITY OF WEST UNIVERSITY PLACE
DATE DRILLED: NOT REPORTED
DEPTH DRILLED: 600'
WATER USAGE: UNUSED
LONGITUDE: -95.416610000
LATITUDE: 29.725780000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521215/6521215.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-21-215

TEXAS WATER DEVELOPMENT BOARD WELL SCHEDULE

State Well Number - 65 21 215 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 43 32 Longitude - 95 24 59 Source of Coords - 1

Owners Well No. _____ Location _____ 1/4. _____ 1/4. Section _____, Block _____, Survey _____

Owner - City of West University Place Driller - J A Walling

Address _____ Tenant/Oper. _____

Date Drilled - / / Depth - 600 ft. Source of Depth - R Altitude - 57 ft. Source of Alt. - M
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User - 937600

WELL CONSTRUCTION Const. Method - _____ Casing Material - _____ Screen Material - _____

Completion - _____ Casing or Blank Pipe (C) _____
Well Screen or Slotted Zone (_____
Open Hole (O) _____
Cemented from _____ to _____

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages _____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - _____ Horsepower - _____

YIELD Flow - _____ GPM Pump - _____ GPM Meas., Rept., Est. - _____ Date - _____

PERFORMANCE TEST Date - _____ Length of Test - _____ Production - _____ GPM

Static Level - _____ ft. Pumping Level - _____ ft. Drawdown - _____ ft. Sp. Cap. - _____ GPM/ft

QUALITY (Remarks - _____)

WATER USE Primary - UNUSED Secondary - _____ Tertiary - _____

OTHER DATA AVAILABLE Water Levels - N Quality - N Logs - Other Data -

WATER LEVELS Date - / / Measurement -
Date - / / Measurement -

Recorded By _____ Date Record Collected or Updated - / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY

REMARKS -

Aquifer - 112CHCT
Well No. - 65 21 215

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 360 Distance from Property: 4.48 mi. NNW

STATE ID: **65-13-603**

OWNER'S NAME: **HOUSTON TEXTILE CO**

DATE DRILLED: **00/00/1948**

DEPTH DRILLED: **745'**

WATER USAGE: **INDUSTRIAL**

LONGITUDE: **-95.377230000**

LATITUDE: **29.821790000**

SOURCE: **TWDB**

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513603/6513603.pdf>



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 361 Distance from Property: 4.49 mi. SE

ID NUMBER: TX207537
STATE ID : 60-23-8
OWNER NAME: FORCE, INC.
DATE DRILLED: 04/30/1990
DEPTH DRILLED: 23.5'
STATIC LEVEL: 20.5'
WATER USAGE: TEST WELL
LONGITUDE: -95.297588000
LATITUDE: 29.716412000

2 PAGE(S) OF DRILLERS' LOGS



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LEGAL DESCRIPTION

ALL THAT CERTAIN TRACT OR PARCEL OF LAND OUT OF THE JACOB THOMAS 1/4 LEAGUE PATENTED BY THE MEXICAN GOVERNMENT TO JACOB THOMAS ON MAY 19, 1831, BY PATENT #1490, VOLUME 5, IN HARRIS COUNTY, TEXAS, AND BEING THE EAST 95.4 FEET OF THAT CERTAIN LAND CONVEYED BY ALICE MARY HEISER, KATHERIN M. HEISER, RICHARD A. HEISER AND JOSEPH M. HEISER, JR., TO L.C. BAXLEY BY DEED MAY 5, 1944, SAID DEED BEING RECORDED IN THE OFFICE OF THE COUNTY CLERK OF HARRIS COUNTY, TEXAS, IN VOLUME 1320, PAGE 310 OF THE DEED RECORDS OF HARRIS COUNTY, TEXAS, AND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING AT A POINT IN THE INTERSECTION OF THE SOUTHERLY LINE OF LAWNDALE AVENUE, BASED ON 80.0 FEET IN WIDTH, WITH THE WESTERLY LINE OF REDWOOD AVENUE, BASED ON 60.0 FEET IN WIDTH;

THENCE ALONG THE SOUTHERLY LINE OF SAID LAWNDALE AVENUE AND RUNNING PARALLEL TO AND 40.0 FEET SOUTHERLY OF AND AT RIGHT ANGLES TO THE CENTER LINE THEREOF AND RUNNING IN A WESTERLY DIRECTION ALONG A CURVE; SAID CURVE BEING TANGENT TO THE COURSE OF WEST 89 DEG. 23 MIN. WEST ITS CENTRAL ANGLE 43 DEG. 42 MIN. AND ITS RADIUS OF 995.0 FEET, A DISTANCE OF 109.85 FEET TO A 3/4" IRON ROD FOUND AND THE POINT OR PLACE OF BEGINNING OF THIS DESCRIPTION;

THENCE SOUTH 00 DEG. 37 MIN. EAST ALONG THE WESTERLY LINE OF THE SAID MRS. AGNES HEISER TRACT AS FENCED AND OCCUPIED, 596.6 FEET TO A 3/4" IRON PIPE FOUND IN THE SOUTHEASTERLY CORNER OF AN OLD FENCE ENCLOSURE;

THENCE SOUTH 89 DEG. 23 MIN. WEST AT 94.4 FEET PAST AN OLD SOUTHWESTERLY FENCE CORNER, IN ALL 95.4 FEET TO A POINT MARKING THE SOUTHWESTERLY CORNER OF THIS DESCRIPTION;

THENCE NORTH 00 DEG. 37 MIN. WEST AT 590.0 FEET CROSS THE ORIGINAL SOUTHERLY LINE OF LANDS NOW OR FORMERLY OF L.C. BAXLEY, IN ALL 611.0 FEET TO A 3/4" IRON ROD FOUND IN THE SOUTHERLY LINE OF SAID LAWNDALE AVENUE;

THENCE ALONG THE SOUTHERLY LINE OF THE SAID LAWNDALE AVENUE AND RUNNING PARALLEL TO AND 40.0 FEET SOUTHERLY OF AND AT RIGHT ANGLES TO THE CENTER LINE THEREOF AND RUNNING IN A SOUTHEASTERLY DIRECTION ALONG A CURVE TO THE RIGHT, THE RADIUS OF WHICH 995.0 AND ITS CENTRAL ANGLE 42 DEG. 43 MIN. A DISTANCE OF 94.2 FEET (DEED CALL 96.5 FEET) TO THE POINT OR PLACE OF BEGINNING, CONTAINING AS AFORESAID 1.322 ACRES OF LAND, MORE OR LESS.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 207537

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711		State of Texas WATER WELL REPORT		Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711	
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side					
1) OWNER Force, Inc.		Address 7026 Lawndale		Houston Texas 77261	
2) LOCATION OF WELL: County Harris		3 miles in Westerly		direction from Pasadena	
Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.					
Legal description: Section No. _____ Block No. _____ Township _____ Tract 3 Abstract No. 74 Survey Name Jacob Thomas 1/2 League Distance and direction from two intersecting section or survey lines See attached legal description <input type="checkbox"/> See attached map.					
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Reconditioning		4) PROPOSED USE (Check): <input type="checkbox"/> Domestic <input type="checkbox"/> Irrigation <input checked="" type="checkbox"/> Test Well		5) DRILLING METHOD (Check): <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Air Rotary <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Driven <input type="checkbox"/> Bored <input type="checkbox"/> Jetted <input checked="" type="checkbox"/> Other Auger	
6) WELL LOG: Date drilled 4/30/90		DIAMETER OF HOLE Dia. (in.) From (ft.) To (ft.)		7) BOREHOLE COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Gravel Packed If Gravel Packed give interval . . . from 23.5 ft. to 16 ft.	
From (ft.) To (ft.)		Description and color of formation material		8) CASING, BLANK PIPE, AND WELL SCREEN DATA:	
				Dia. (in.) New or Used Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial Setting (ft.) From To Gage Casing Screen	
0 2		Brown sandy fill material		2 New PVC Sch.40 TOC 18	
2 8		Stiff dark gray clay		2 New PVC 0.010 slotted 18 23	
8 12		Stiff medium brown clay			
12 18		Red brown clay, ferrous nodules			
18 20		Fine grain silty red clay			
20 23.5		Very fine grain silty sand			
CEMENTING DATA					
Cemented from 14 ft. to 0 ft.					
Method used Tremie					
Cemented by Reed & Morris (Ray Reed)					
9) WATER LEVEL:					
Static level 20.5 ft. below land surface Date 5/01/90					
Artesian flow _____ gpm. Date _____					
10) PACKERS: Type Depth					
None					
11) TYPE PUMP:					
<input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/> Cylinder					
<input type="checkbox"/> Other None					
Depth to pump bowls, cylinder, jet, etc., _____ ft.					
12) WELL TESTS: N/A					
<input type="checkbox"/> Type Test <input type="checkbox"/> Pump <input type="checkbox"/> Bailor <input type="checkbox"/> Jetted <input type="checkbox"/> Estimated					
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.					
13) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input type="checkbox"/> No					
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.					
COMPANY NAME Reed & Morris Drilling, Inc.		Water Well Driller's License No. 2255			
ADDRESS P.O. Box 282		Diboll		Texas 75941	
(Signed) <i>Ray Reed</i>		(Signed) _____		(Registered Driller Trainee)	
Please attach electric log, chemical analysis, and other pertinent information, if available.					
For TOWR use only: Well No. 60-23-8 Located on map _____					

RECEIVED

JUL 26 1990

TEXAS WATER COMMISSION

TOWR-0392 (Rev. 5-27-82)

DEPARTMENT OF WATER RESOURCES COPY



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 362 Distance from Property: 4.49 mi. NE

STATE ID: **65-14-515**
OWNER'S NAME: **PETERBUILT TRUCK CO.**
DATE DRILLED: **00/00/1964**
DEPTH DRILLED: **327'**
WATER USAGE: **INDUSTRIAL**
LONGITUDE: **-95.309480000**
LATITUDE: **29.813120000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514515/6514515.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-515

Texas Water Development Board Well Schedule

State Well Number 6514515 Previous Well Number _____ County Harris 201
River Basin 10 San Jacinto River Zone _____ Latitude 294847 Longitude 951832 Source of Coords 1

Owner's Well No. _____ Location _____
Owner Peterbuilt Truck Co. Driller B J Swinchart

Address _____ Tenant/Oper. _____

Date Drilled / /1964 Depth 327 Source of Depth D Altitude 50 Source of Alt. M
Well Type W User _____

WELL CONSTRUCTION Const-Method _____ Casing Material _____
Completion _____ Screen Material _____ Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - SUBMERSIBLE PUMP No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - _____
YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - INDUSTRIAL Secondary - _____ Tertiary - _____

OTHER DATA AVAILABLE Water Levels - N Quality - N Logs - _____ Other Data - _____

WATER LEVELS

Recorded By _____ Date Record Collected or Updated - / /
Reporting Agency 02

REMARKS -

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER,LOWER

Friday, June 08, 2007

Well Number - 6514515



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 363 Distance from Property: 4.50 mi. NW

ID NUMBER: TX205347
STATE ID : 65-13-6E
OWNER NAME: CORROSION PROTECTION
DATE DRILLED: 12/04/1976
DEPTH DRILLED: 337'
STATIC LEVEL: 159'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.402885000
LATITUDE: 29.809203000
2 PAGE(S) OF DRILLERS' LOGS

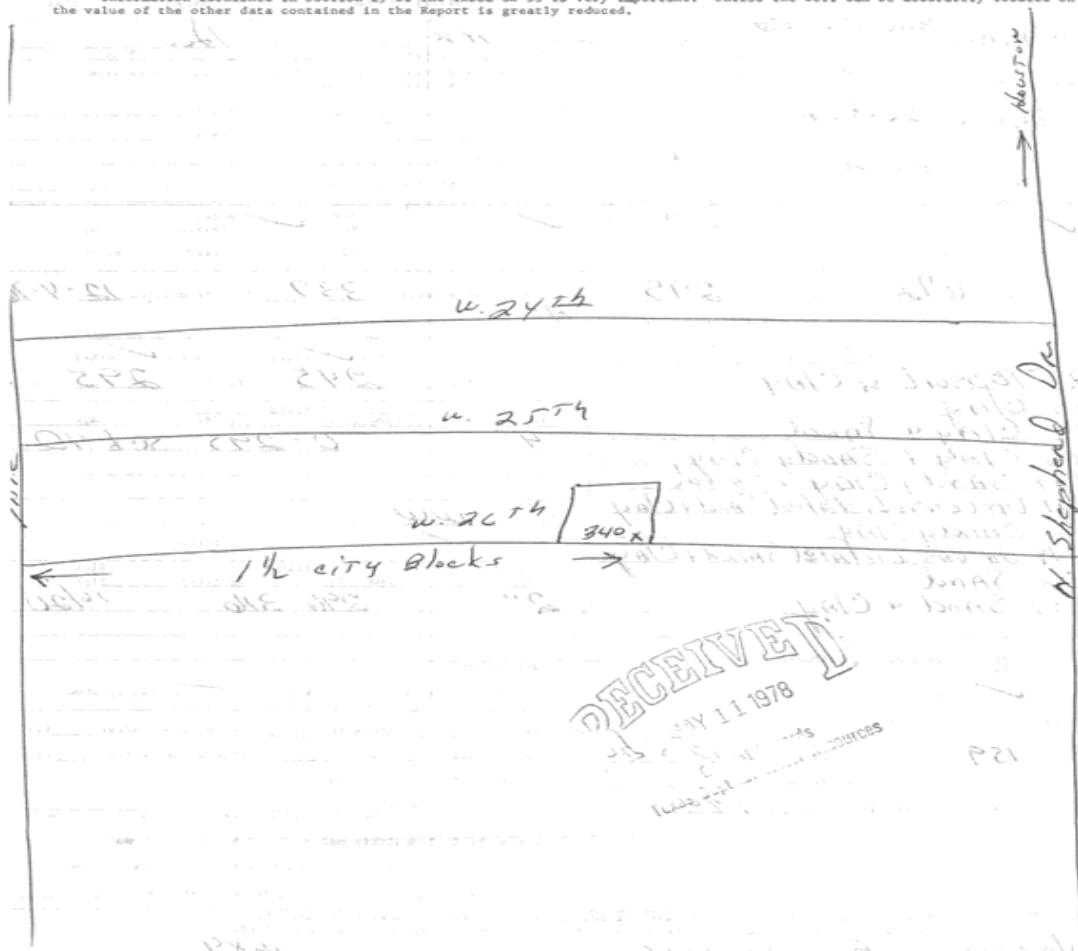


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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205347

2) LOCATION OF WELL:
The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.
Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.
When giving a legal description include a sketch showing location of the well within the described area. e.g. survey abstract.
Information furnished in Section 2) of the TWDS-GW-53 is very important. Unless the Well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205347

244

65-13-6E

Send original copy by certified mail to the Texas Water Development Board, P. O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TWDB use only
Well No. 65-13-6E
Located on App. 78-1-1
Received: 78-1-1

1) OWNER: Person having well drilled CORROSION PROTECTION Address 340 W. 26th Houston TX 77008
(Name) (Street or RFD) (City) (State)
Landowner SAME Address SAME
(Name) (Street or RFD) (City) (State)

2) LOCATION OF WELL: County HARRIS 340 W. 26th St. 8 miles in N.W. direction from Idav.
(N.E., S.W., etc.) (Town)
Locate by sketch map showing landmarks, roads, creeks, or Give legal location with distances and directions from highway number, etc.* adjacent sections or survey lines.
340 W. 26th St. North
Over ↑
(Use reverse side if necessary) (NW¼ NE¼ SW¼ SE¼) of Section

3) TYPE OF WORK (Check):
New Well Deepening
Reconditioning Plugging
4) PROPOSED USE (Check):
Domestic Industrial Municipal
Irrigation Test Well Other
5) TYPE OF WELL (Check):
Rotary Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6 1/2 in. Depth drilled 295 ft. Depth of completed well 337 ft. Date drilled 12-4-76
All measurements made from 4' ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	9) Casing: Type: Old <input type="checkbox"/> New <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Plastic <input checked="" type="checkbox"/> Other <input type="checkbox"/>
0-22		Topsoil & Clay	Cemented from <u>245</u> ft. to <u>295</u> ft.
22-43		Clay	Diameter (inches) <u>4"</u> Setting From (ft.) <u>0</u> To (ft.) <u>295</u> Slot Size <u>SC 40</u>
43-85		Clay & Sand	
85-106		Clay & Sandy Clay	
106-127		Sandy Clay & Sand	
127-211		Unconsolidated Sand & Clay	
211-232		Sandy Clay	10) SCREEN: Type <u>WW</u>
232-274		Unconsolidated Sand & Clay	Perforated <input checked="" type="checkbox"/> Slotted <input type="checkbox"/>
274-316		Sand	Diameter (inches) <u>2"</u> Setting From (ft.) <u>296</u> To (ft.) <u>316</u> Slot Size <u>16/20</u>
316-337		Sand & Clay	

7) COMPLETION (Check):
Straight well Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 159 ft. below land surface Date 12-5-76
Artesian pressure lbs. per square inch Date
Depth to pump bowls, cylinder, jet, etc., 190 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom?
Yield: gpm with ft. drawdown after hrs.
Bailer test gpm with ft. drawdown after hrs.
Artesian flow gpm
Temperature of water

12) WATER QUALITY:
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? depth of strata

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Vernon E. Dixon Water Well Drillers Registration No. 1689
(Type or Print)
ADDRESS 9239 N. Hou. Rosslyn Houston TEXAS
(Street or RFD) (City) (State)
Signed Vernon E. Dixon Russell & Son Inc.
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 364 Distance from Property: 4.50 mi. NE

STATE ID: 65-14-516
OWNER'S NAME: TEXAS OILFIELD EQUIP. CO.
DATE DRILLED: 04/03/1965
DEPTH DRILLED: 329'
WATER USAGE: DOMESTIC
LONGITUDE: -95.308000000
LATITUDE: 29.812450000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514516/6514516.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-516

Texas Water Development Board Well Schedule

State Well Number 6514516 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone Latitude 294845 Longitude 951825 Source of Coords 1

Owner's Well No. Location
Owner Texas Oilfield Equip. Co. Driller Lowry Water Wells

Address Tenant/Oper.

Date Drilled 04/03/1965 Depth 329 Source of Depth D Altitude 50 Source of Alt. M
Well Type W User

WELL CONSTRUCTION Const-Method Completion Casing Material Screen Material Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____

LIFT DATA - Pump Mfr. - Type - SUBMERSIBLE PUMP No. Stages
Bowls Diam. - in. Setting - ft. Column Diam. - in.
Motor Mfr. - Fuel or Power - ELECTRIC MOTOR Horsepower - 5.0
YIELD Flow- GPM Pump- GPM Meas., Rept., Est.- Date-

WATER USE Primary - DOMESTIC Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - N Quality - N Logs - E Other Data -

WATER LEVELS

Recorded By Date Record Collected or Updated - / /
Reporting Agency 02

REMARKS -

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER, LOWER

Friday, June 08, 2007

Well Number - 6514516



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 365 Distance from Property: 4.50 mi. NE

ID NUMBER: TX208037
STATE ID : 65-14-9A
OWNER NAME: MCNAIR TRUCK RENTAL
DATE DRILLED: 03/23/1974
DEPTH DRILLED: 501'
STATIC LEVEL: 265'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.304305000
LATITUDE: 29.809920000
2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 208037

65-1494

Send original copy by certified mail to the Texas Water Development Board, P. O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TCEQ use only
Well No. 65-14-9A
Located on map 231
Received 2/21

1) OWNER:
Person having well drilled McNair Truck Rental Address 2040 N. Loop East Houston Texas
(Name) (Street or RFD) (City) (State)
Landowner Same Address Same
(Name) (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris miles in _____ direction from _____
(N, E, S, W, etc.) (Town)
Locate by sketch map showing landmarks, roads, creeks, highway number, etc.*
Give legal location with distances and directions from adjacent sections or survey lines.
Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW, NE, SW, SE) of Section _____

3) TYPE OF WORK (Check):
 Deepening
 Reconditioning
 Plugging

4) PROPOSED USE (Check):
 ~~Residential~~ Industrial
 Irrigation
 Test Well
 Municipal
 Other

5) TYPE OF WELL (Check):
 Driven
 Dug
 Cable
 Jetted
 Bored

6) WELL LOG:
Diameter of hole 6 3/4 in. Depth drilled 501 ft. Depth of completed well 526 ft. Date drilled 3-23-74
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	5	Fill
5	45	Red Yellow Clay
45	50	Sand
50	65	Red Clay
65	75	Sand
75	85	Brown Clay
85	100	Red Clay
100	125	Blue Clay
125	150	Sand
150	160	Blue Clay
160	190	Gray Clay
190	200	Sand

9) CASING:
Type: Old Steel Other _____
Cemented from 501 ft up _____ ft. to _____ ft.
Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Casing _____
4" 1 ft 501 ft 40

10) SCREEN:
Type Well Supplies Plastic Wrapped
Perforated _____ Slotted _____
Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Slot Size _____
2 1/2" 506 ft 526 ft 14

7) COMPLETION (Check):
 Gravel packed
 Other _____
Under reamed _____ Open Hole _____

8) WATER LEVEL:
Static level 265 ft. below land surface Date _____
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No _____ If yes, by whom? _____
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No _____
Did any strata contain undesirable water? Yes _____ No _____
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME C.A. Raymond Jr Water Well Drillers Registration No. 774
(Type or Print)
ADDRESS 10011 Airline Houston TEXAS
(Street or RFD) (City) (State)
(Signed) C.A. Raymond Jr Raymond Water Wells
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.
*Additional instructions on reverse side.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2

Water Well ID: 208037

2) LOCATION OF WELL:

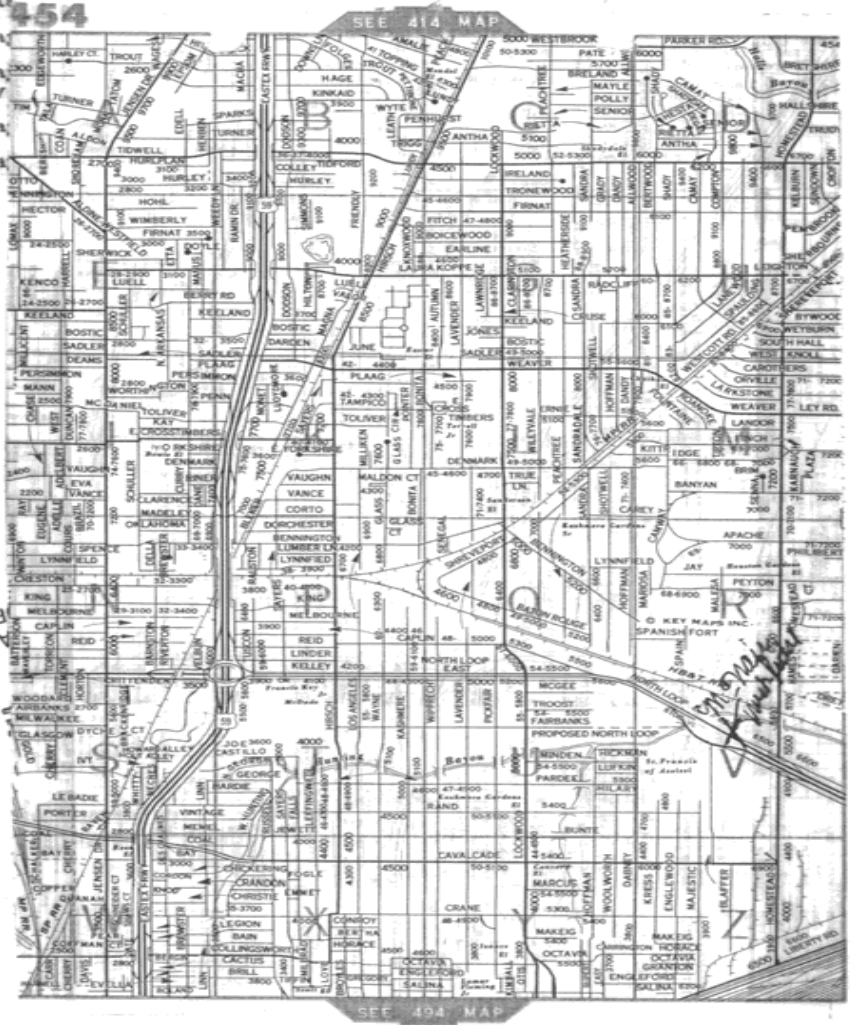
The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area, e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-GW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.

- 200 225 Gray Clay
- 225 230 Sand
- 230 245 Red Blue Clay
- 245 250 Sand
- 250 275 Red Blue Clay
- 275 285 Sand
- 285 315 Red Gray Clay
- 315 320 Sand
- 320 350 Red Gray Clay
- 350 385 Red Blue Clay
- 385 395 Sand
- 395 445 Red Blue Clay
- 445 460 Sand
- 460 465 Red Blue Clay
- 465 526 Sand



LIVED
 4 1974
 AS WATER BOARD
 PMENT BOARD

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 365 Distance from Property: 4.50 mi. NE

WELL ID: **5279**
OWNERS NAME: **SUNBELT HUNTING BAYOU, LP**
YEAR DRILLED: **1962**
DEPTH DRILLED: **200'**
STATIC LEVEL: **60'**
WATER USAGE: **DOMESTIC/COMMERCIAL**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.304305000**
LATITUDE: **29.809920000**
SOURCE: **HGSD**



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SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 366 Distance from Property: 4.51 mi. SW

TRACK #: 222666

DATE ENTERED: 2010-07-09

OWNER NAME: TMH

OWNER ADDRESS: 6565 FANNIN
HOUSTON, TX 77030

COUNTY: HARRIS

LATITUDE: 29.709445000 LONGITUDE: -95.400556000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=222666&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2010-06-16

DRILLING DATE (COMPLETED): 2010-06-23

DEPTH DRILLED: 544'

WATER LEVEL:

STATIC LEVEL: 190'

WATER LEVEL DATE: NOT REPORTED

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

INDUSTRIAL

COMPANY INFORMATION:

COMPANY NAME: O'DAY DRILLING COMPANY, INC

COMPANY ADDRESS: 5923 CR 931
ROSHARON, TX 77583



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 367 Distance from Property: 4.51 mi. NE

ID NUMBER: TX205241
STATE ID : 65-14-5G
OWNER NAME: TEXACO
DATE DRILLED: 02/12/1963
DEPTH DRILLED: 299'
STATIC LEVEL: 132'
WATER USAGE: SERVICE STATION
LONGITUDE: -95.302350000
LATITUDE: 29.808550000
1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205241

513

File original copy with Texas Water Commission, P. O. Box 2311, Capitol Station, Austin 11, Texas

State of Texas
DRILLERS LOG AND WELL DATA REPORT

For use by TMC only
Well No. 65-14-54
Location on map 450
By WJ Date 2/23
Map No. 102 (2)

1) Well Owner: **TEXACO** Homestead Rd. & Loop ~~XX~~ 37 **Houston, Texas**

2) Land Owner: **TEXACO**

3) Intended use: Industrial Municipal Irrigation Other Service Station

4) Location of well: County Harris Labor _____ League _____ Abstract No. _____
N 1/4 NE 1/4 S 1/4 SE 1/4 of Section _____ Block No. _____ Survey _____
(Circle in Red on the Aerial)

_____ miles in _____ direction
from _____

Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

DRILLERS LOG OF WELL

Method of drilling: **Rotary** Diameter of hole 4" in. Date drilled **Feb. 12, 1963**

All measurements made from 0 ft. above ground level.

From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material
0	40	Surface Yellow Clay	240	279	Blue Shale
40	82	Red Clay & Red Sand	279	299	Sand
82	90	Sand Broken			
90	120	Sand Fine			
120	135	Sandy Blue Clay			
135	164	Sand			
164	192	Shale Tough			
192	240	Shale Light Sand Break			

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION		CASING		SCREEN		
Straight wall <input checked="" type="checkbox"/>		Type: Old <input type="checkbox"/> New <input checked="" type="checkbox"/>	Type <u>Stainless</u>			
Under reamed <input type="checkbox"/>		Cemented from <u>279</u> ft. to <u>Surface</u> ft.	Perforated <input checked="" type="checkbox"/> Slotted <input type="checkbox"/>			
Gravel packed <input type="checkbox"/>		Diameter (inches)	from (ft)	Setting to (ft)	Diameter (inches)	
Open hole <input type="checkbox"/>		4	Surface	279	2 1/2	
Other <u>Lead Seal</u>						
<u>Set at 274</u>						

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

Driller: LOWRY WATER WELLS Houston 22, Texas Reg. No. 116

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

WATER LEVEL AND PUMP DATA

Static water level <u>132 ft.</u> ft. below _____	Pump type <u>2 H.P. Fairbanks Morse Submersible</u>
feet	Designed pumping rate <u>23</u> gpm <input checked="" type="checkbox"/> gph <input type="checkbox"/>
hours	Type power unit <u>Electric</u>
gpm	Horsepower <u>2</u>
	Depth to bowls, cylinder, jet, etc., <u>189</u> ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company: _____

C-3a (62-4)

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 367 Distance from Property: 4.51 mi. NE

ID NUMBER: TX206181
STATE ID : 65-13-5A
OWNER NAME: TEXACO, INC.
DATE DRILLED: 10/08/1973
DEPTH DRILLED: 300'
STATIC LEVEL: 138'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.302350000
LATITUDE: 29.808550000

2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 206181

2) LOCATION OF WELL:

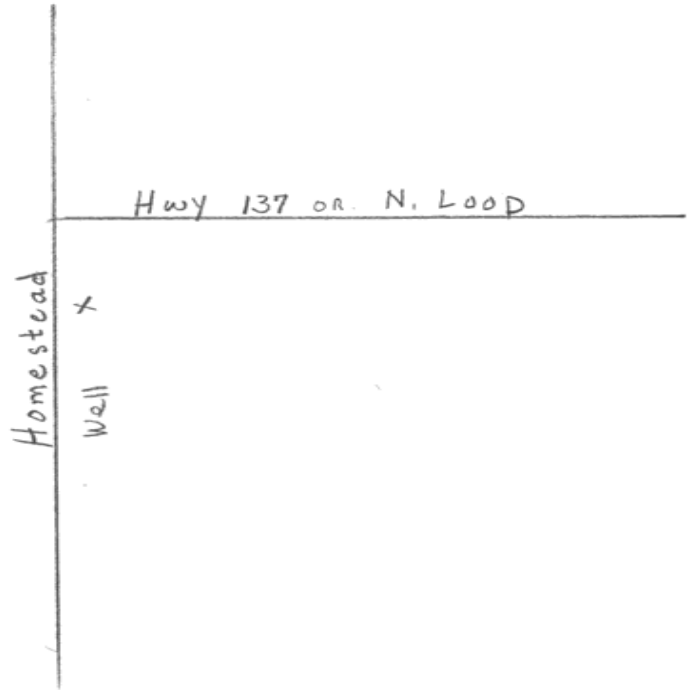
The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area. e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-QW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.

264 288 Sand
288 300 Sand



RECEIVED
JAN 27 1974
TEXAS WATER
DEVELOPMENT BOARD

RECEIVED
APR 16 1974
TCEQ

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 206181

65-13-5A

Send original copy by registered mail to the Texas Water Development Board, P. O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TWDB use only
Well No. 65-13-5A
Located on map 1/25
Received: 7/4

OWNER:
Person having well drilled Texaco, Inc. Address P. O. Box 21169 Houston, TX
(Name) (Street or RFD) (City) (State)

Landowner Same Address North Loop At Homestead
(Name) (Street or RFD) (City) (State)

LOCATION OF WELL:
County Harris _____ miles in _____ direction from _____
(N.E., S.W., etc.) (Town)

Locate by sketch map showing landmarks, roads, creeks, highway number, etc.*
SEE REVERSE SIDE
North
↑
(Use reverse side if necessary)

OR
Give legal location with distances and directions from adjacent sections or survey lines.
Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

1) TYPE OF WORK (Check): New Well <input checked="" type="checkbox"/> Deepening Reconditioning _____ Plugging _____		4) PROPOSED USE (Check): Domestic _____ Industrial <input checked="" type="checkbox"/> Municipal _____ Irrigation _____ Test Well _____ Other _____			5) TYPE OF WELL (Check): Rotary <input checked="" type="checkbox"/> Driven _____ Dug _____ Cable _____ Jetted _____ Bored _____		
---	--	---	--	--	---	--	--

WELL LOG:
Diameter of hole 4 in. Depth drilled 0 ft. Depth of completed well 300 ft. Date drilled 10-8-73
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	9) CASING: Type: Old _____ New <input checked="" type="checkbox"/> Steel _____ Plastic _____ Other _____ Cemented from _____ ft. to _____ ft.
0	24	Surface Clay	Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Cage _____
24	48	Hard Yellow Clay	
48	72	Hard Red Clay	
72	96	Hard Red Clay	
96	120	Blue Clay	
120	144	Sand, Broken Shell	
144	168	Broken Shell	
168	192	Rock	
192	216	Clay	
216	240	Shell	2 1/2" 290 300
240	264	Clay (Over)	2 1/2" 269 290

10) SCREEN:
Type Stainless Steel Rod base
Perforated Slotted _____
Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Slot Size _____

11) WELL TESTS:
Was a pump test made? Yes No _____ If yes, by whom? _____
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes _____ No
Did any strata contain undesirable water? Yes _____ No _____
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME R. B. Lowry Water Well Drillers Registration No. 146
(Type or Print)

ADDRESS 4012 Fulton - P. O. Box 8707 Houston, TX 77009
(Street or RFD) (City) (State)

Signed R. B. Lowry _____ Lowry Water Wells
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

Additional instructions on reverse side.

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 367 Distance from Property: 4.51 mi. NE

STATE ID: **65-14-506**
OWNER'S NAME: **TEXACO, INC.,**
DATE DRILLED: **02/00/1963**
DEPTH DRILLED: **299'**
WATER USAGE: **COMMERCIAL**
LONGITUDE: **-95.302350000**
LATITUDE: **29.808550000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514506/6514506.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-506

Texas Water Development Board Well Schedule

State Well Number 6514506 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone Latitude 294833 Longitude 951809 Source of Coords 1

Owner's Well No. Location
Owner Texaco, Inc., Driller Lowry Water Wells

Address Tenant/Oper.

Date Drilled 02/ /1963 Depth 299 Source of Depth L Altitude 48 Source of Alt. M
Well Type W User

WELL CONSTRUCTION Const-Method Casing Material Screen Material Completion Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from _____ to _____

LIFT DATA - Pump Mfr. - Type - SUBMERSIBLE PUMP No. Stages
Bowls Diam - in. Setting - ft. Column Diam. - in.
Motor Mfr. - Fuel or Power - ELECTRIC MOTOR Horsepower - 2.0
YIELD Flow- GPM Pump- GPM Meas.,Rept.,Est.- Date-

WATER USE Primary - COMMERCIAL Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - N Quality - N Logs - Other Data -

WATER LEVELS

Recorded By Date Record Collected or Updated - 01/22/1999
Reporting Agency 02

REMARKS -

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER, LOWER

Friday, June 08, 2007

Well Number - 6514506



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 368 Distance from Property: 4.51 mi. SSW

ID NUMBER: TX206594
STATE ID : 65-29-1
OWNER NAME: MANVEL ESLRADA
DATE DRILLED: 06/27/1985
DEPTH DRILLED: 100'
STATIC LEVEL: 22'
WATER USAGE: DOMESTIC
LONGITUDE: -95.367865000
LATITUDE: 29.695957000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 206594

#20

Please use black ink. Send original copy by certified mail to the Texas Department of Water Resources, P. O. Box 13087, Austin, Texas 78711

**State of Texas
WATER WELL REPORT**

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER MANVEL ESLRADA (Name) Address 6826 WHINTON DRIVE HOUSTON TEXAS (City) (State) (Zip)

2) LOCATION OF WELL: County HARRIS miles in _____ direction from HOUSTON CITY LIMITS (Town)

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map. 65-29-1

3) TYPE OF WORK (Check):
 New Well Deepening
 Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Public Supply
 Irrigation Test Well Other

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored
 Air Rotary Cable Tool Jetted Other

6) WELL LOG:
Date drilled 6/27/85

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
5	Surface	100

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
						From	To	
0	31	CLAY						
31	48	FINE SAND						
48	84	CLAY	2	N	PLASTIC UNITED	0	95	40
84	100	MEDIUM FINE WATER SAND	2	N	PLASTIC JOHNSON	95	100	10

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 10 ft.
Method used HAND MIXED
Cemented by WELCO

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 22 ft. below land surface Date 6/27/85
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
Depth to pump bowls, cylinder, jet, etc., 30 ft.

14) WELL TESTS:
Type Test: Pump Bailor Jetted Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME WELCO WATER WELL COMPANY Water Well Driller's License No. 315
(Type or Print)

ADDRESS 5423 LOTUS STREET HOUSTON TEXAS 77085
(Street or RFD) (City) (State) (Zip)

(Signed) [Signature] (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 65-29-1
Located on map _____

TDWR-0392 (12/29/83)

DEPARTMENT OF WATER RESOURCES COPY



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 369 Distance from Property: 4.52 mi. W

ID NUMBER: TX199586
STATE ID : N/A
OWNER NAME: BILL BAKER CONSTRUCTION
DATE DRILLED: 08/24/1992
DEPTH DRILLED: 405'
STATIC LEVEL: 238'
WATER USAGE: IRRIGATION
LONGITUDE: -95.427224000
LATITUDE: 29.746908000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 199586

1) OWNER: BILL BAKER CONSTRUCTION ADDRESS: 2110 RIVER OAKS BLVD. CITY: HOUSTON STATE: TX ZIP: -
2) LOCATION OF WELL: County: HARRIS miles in W direction from HOUSTON

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00616 DIAMETER OF HOLE 7) BOREHOLE METHOD:
DIAMETER FROM TO TWO STRING/K-PACKER
9.0 0 380 IF GRAVEL... FROM FT. TO FT.
4.875 380 405 FROM FT. TO FT.
DATE DRILLED: 08/24/92

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:
DIA NEW/USED DESCRIPTION FROM TO GAGE CASING SCREEN
5.0 N P.V.C. S.D.R.17 0 380 CASING
3.0 N P.V.C. SCH.80 375 385 LINER
3.0 N STAINLESS - ROD BASE 385 405 .008

GEOLOGICAL DESCRIPTION:
FROM TO DESCRIPTION
0 3 SOIL
3 38 CLAY-WHITE CLAY-BROWN
38 45 SAND-RED-FINE
45 180 CLAY-RED CLAY-BLUE CLAY-WHITE
180 200 SAND-TAN-.006-.008
200 226 CLAY-RED
226 250 SAND-TAN-.006-.008 SAND-TAN-.010-.012
250 270 CLAY-RED
270 280 SAND-WHITE-.006-.008
280 302 CLAY-BROWN
302 380 BROKEN SAND & CLAY
380 390 SAND-WHITE-.006-.008
390 399 ROCK SAND-WHITE-.006-.008 ROCK
399 405 SAND-WHITE-.010-.012
405 405 CLAY-RED

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SEP 03 1993
TEXAS WATER COMMISSION

9) CEMENTING DATA:
Cemented from 0 FT. TO 380 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWWS

10) SURFACE COMPLETION:
APP. ALTER. PROCD.
11) WATER LEVEL:
STATIC LEVEL : 238 FT. DATE: 08/27/92
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

13) TYPE PUMP: SUBMERSIBLE DEPTH TO PUMP: 318
14) WELL TEST: JETTED YIELD: 75 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY: TYPE OF WATER: GOOD DEPTH OF STRATA: 405 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843 : FOR TDWR USE ONLY
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578 : WELL NO. _____
: LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) John A. Johnson (signed) _____
(LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 370 Distance from Property: 4.53 mi. W

WELL ID: **3239**
OWNERS NAME: **SAROFIM, FAYEZ**
YEAR DRILLED: **1953**
DEPTH DRILLED: **644'**
STATIC LEVEL: **1'**
WATER USAGE: **OTHER**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.427187000**
LATITUDE: **29.746097000**
SOURCE: **HGSD**



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 371 Distance from Property: 4.54 mi. NE

ID NUMBER: TX199436
STATE ID : 65-14-5
OWNER NAME: WOMBLE CO INC
DATE DRILLED: 08/29/2000
DEPTH DRILLED: 468'
STATIC LEVEL: 230'
WATER USAGE: COMMERCIAL
LONGITUDE: -95.305489000
LATITUDE: 29.811459000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 199436

Send original copy by certified return receipt requester to: TDLR, P.O. Box 12157, Austin, TX 78711

ATTENTION OWNER: Confidentiality Privilege Notice on reverse side of Well Owner's copy (pink)		State of Texas WELL REPORT		Texas Department of Licensing & Regulation P.O. Box 12157 Austin, TX 78711 512-463-7880	
1) OWNER <u>WOMBLE Co. INC.</u> ADDRESS <u>5875 Kelly ST. Houston, TX, 77026</u>		(Name) (Street or RFD) (City) (State) (Zip)		2) ADDRESS OF WELL'S LOCATION: County <u>HARRIS</u> <u>5875 Kelly ST. Houston, TX, 77026</u> Long. _____ Lat. _____	
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Commercial		5) _____	
6) WELL LOG: Date Drilling: _____ Started <u>8-25</u> ^{TS 2000} Completed <u>8-29</u> ^{TS 2000}		DIAMETER OF HOLE Dia. (in.) From (ft.) To (ft.) <u>8</u> Surface <u>468</u>		7) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____	
From (ft.) To (ft.) Description and color of formation material		8) Borehole Completion (Check): <input type="checkbox"/> Open Hole <input type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input checked="" type="checkbox"/> Other <u>2. String</u> If Gravel Packed give interval from _____ ft. to _____ ft.		CASING, BLANK PIPE, AND WELL SCREEN DATA:	
0-30 <u>BLK CLAY</u>		Dia. (in.) New or Used Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial		Setting (ft.) Gage Casing Screen	
30-90 <u>RED SAND</u>		57 N CASING		From To	
90-180 <u>CLAY, ROCK</u>		425 N LOWER		440 0 50217	
180-260 <u>SAND</u>		2 1/2 N SCREEN		440 420 52440	
260-340 <u>SHALE CLAY</u>				468 440 0.2	
340-400 <u>SAND</u>					
400-435 <u>SHALE CLAY</u>					
435-468 <u>SAND</u>					
(Use reverse side of Well Owner's copy, if necessary)		9) CEMENTING DATA Cemented from <u>440</u> ft. to <u>0</u> ft. No. of sacks used <u>28</u> <u>0</u> ft. to <u>15</u> ft. No. of sacks used <u>12</u> Method used <u>HALLIBURTON</u> Cemented by <u>RWW</u> Distance to septic system field lines or other concentrated contamination <u>4 1/2</u> ft. Method of verification of above distance <u>OWNER</u>			
13) <input type="checkbox"/> Well plugged within 48 hours		10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Slab Installed <input checked="" type="checkbox"/> Specified Steel Sleeve Installed <input type="checkbox"/> Pitless Adapter Used <input type="checkbox"/> Approved Alternative Procedure Used		11) WATER LEVEL: Static level <u>230</u> ft. below land surface Date <u>8-29-00</u> Artesian flow _____ gpm. Date _____	
Casing left in well: From (ft) To (ft) Cement/bentonite placed in well: From (ft) To (ft) Sacks used:		12) PACKERS: _____ Type <u>K</u> Depth <u>420</u>			
14) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowls, cylinder, jet, etc., <u>336</u> ft.		15) WELL TESTS: Type test: <input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Jetted <input type="checkbox"/> Estimated Yield: _____ gpm with _____ ft. drawdown after _____ hrs.			
16) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input type="checkbox"/> No		I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the log(s) being returned for completion and resubmittal.		NOV 29 2000	
COMPANY NAME <u>ROBINSON WATER WELL SERVICE, INC.</u> WELL DRILLER'S LICENSE NO. <u>54211 PKW</u>		ADDRESS <u>11819 W. MONTGOMERY RD.</u> <u>HOUSTON, TX. 77056</u>		(Type or print) (City) (State) (Zip)	
(Signed) <u>David Helms</u> (Licensed Well Driller)		(Signed) _____ (Registered Driller Trainee)			

TDLR FORM 001WWD (4/98)

White - TDLR

Yellow - DRILLER

Pink - WELL OWNER



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 371 Distance from Property: 4.54 mi. NE

WELL ID: **8282**
OWNERS NAME: **WOMBLE COMPANY, INC.**
YEAR DRILLED: **2000**
DEPTH DRILLED: **400'**
STATIC LEVEL: **380'**
WATER USAGE: **DOMESTIC/COMMERCIAL**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.305489000**
LATITUDE: **29.811459000**
SOURCE: **HGSD**



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 372 Distance from Property: 4.54 mi. NE

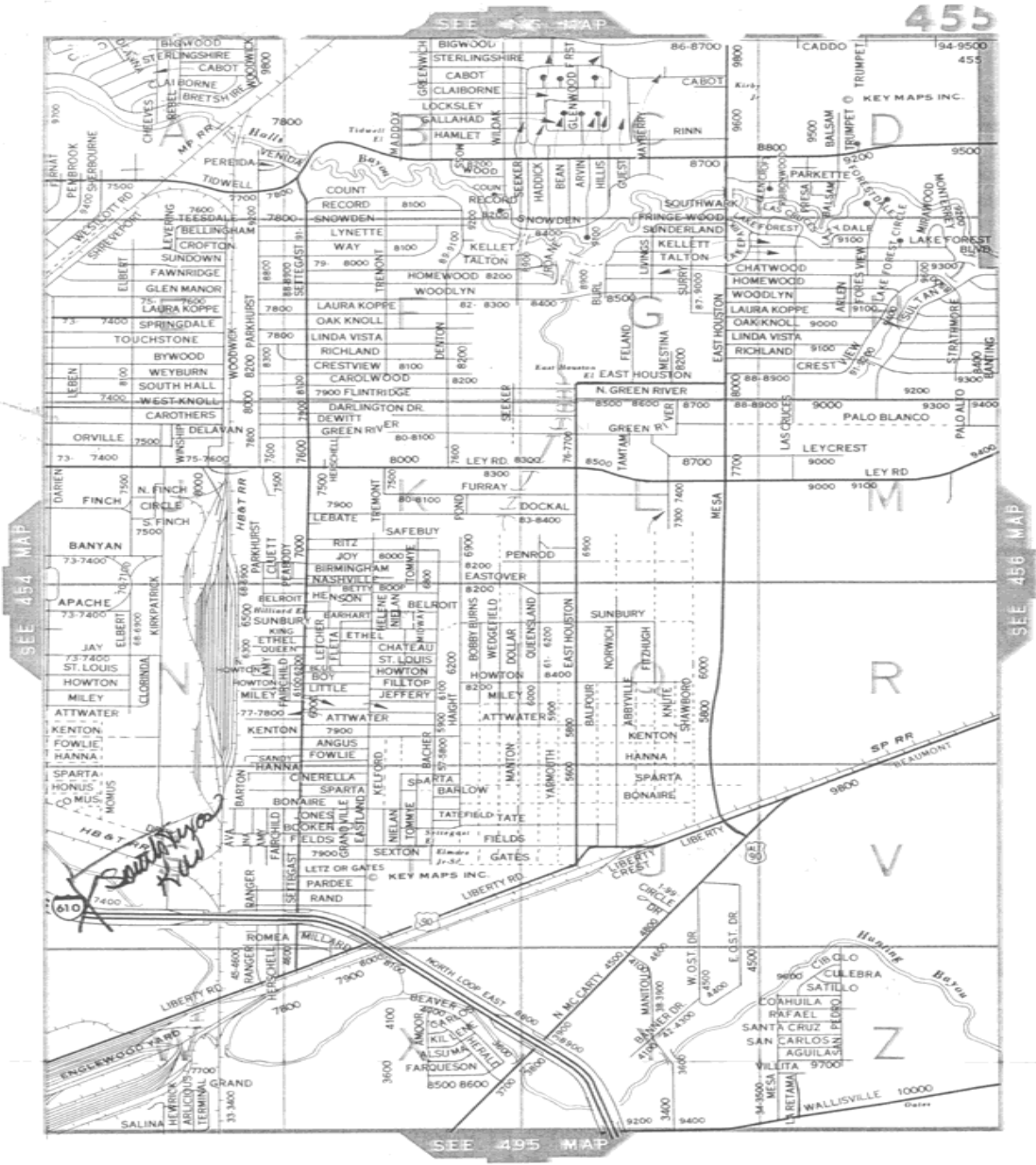
ID NUMBER: TX205320
STATE ID : 65-14-5D
OWNER NAME: SOUTH TEXAS KENWORTH IND
DATE DRILLED: 10/11/1973
DEPTH DRILLED: 476'
STATIC LEVEL: 265'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.302703000
LATITUDE: 29.809425000
3 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 3
Water Well ID: 205320



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 3
Water Well ID: 205320

Send original copy by certified mail to the Texas Water Development Board, P. O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL #

For TWDB use only
Well No. 65-14-5D
Located on map
Received: 75-725
210

1) OWNER: Person having well drilled South Texas Kenworth Ind. Address 6855 North Loop 610 Houston Texas
Landowner Same Address 3333 Rauch St Houston Texas

2) LOCATION OF WELL: County HARRIS miles in _____ direction from _____ (Town)
Locate by sketch map showing landmarks, roads, creeks, highway number, etc.*
see map included
Give legal location with distances and directions from adjacent sections or survey lines.
Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(N½ N¼ S¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Deepening
Reconditioning Plugging
4) PROPOSED USE (Check):
 Industrial
Municipal
Irrigation Test Well Other
5) TYPE OF WELL (Check):
 Driven
Cable Jetted Bored

6) WELL LOG: Diameter of hole 6 3/4 in. Depth drilled 451 ft. Depth of completed well 476 ft. Date drilled 10-11-73
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	9) Casing: Type: Old <input checked="" type="checkbox"/> Steel <input checked="" type="checkbox"/> Other <input type="checkbox"/>
0	25	Yellow Clay	Cemented from <u>451 ft up</u> ft. to _____ ft.
25	40	Red Clay	Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Casing _____
40	45	Sand	<u>4</u> " <u>1</u> ft <u>451</u> ft <u>40</u>
45	50	Yellow Clay	
50	55	Sand	
55	80	Red Clay	
80	85	Sand	
85	110	Red Clay	
110	115	Sand	
115	130	Blue Clay	
130	160	Sand	
160	170	Blue Clay	

10) SCREEN: Type Well Supplies Plastic Wrapped
Perforated Slotted
Diameter (inches) 2 1/2 " Setting From (ft.) 456 ft To (ft.) 476 ft Slot Size 12 ga

7) COMPLETION (Check):
 Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL: Static level 265 ft. below land surface Date _____
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 315 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes If yes, by whom? _____
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME C.A. Raymond, JR. Water Well Drillers Registration No. TDL-774
ADDRESS 10011 Airline DR. & Houston TEXAS
(Signed) C.A. Raymond, Jr Raymond Water Well Drilling Inc.

Please attach electric log, chemical analysis, and other pertinent information, if available.
*Additional instructions on reverse side.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 3 out of 3

Water Well ID: 205320

2) LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area, e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-CW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.

170	-	190	Gray Clay
190	-	215	Red Gray Clay
215	-	260	Gray Clay
260	-	275	Sand
275	-	285	Gray Blue Clay
285	-	300	Sand
290	-	340	Red Blue Clay
340	-	350	Red Gray Clay
350	-	360	Sand
360	-	410	Red Blue Clay
410	-	430	Red White Clay
430	-	435	Sand
435	-	455	Red Blue Clay with Shale
455	-	476	Sand

TEXAS WATER
DEVELOPMENT BOARD

RECEIVED
NOV 4 1974

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 372 Distance from Property: 4.54 mi. NE

WELL ID: **5259**
OWNERS NAME: **CLEVELAND MACK SALES/DBA**
YEAR DRILLED: **1988**
DEPTH DRILLED: **250'**
STATIC LEVEL: **NOT REPORTED**
WATER USAGE: **PUBLIC SUPPLY**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.302703000**
LATITUDE: **29.809425000**
SOURCE: **HGSD**



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SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 373 Distance from Property: 4.54 mi. W

TRACK #: 373614

DATE ENTERED: 2014-09-04

OWNER NAME: RB RATCLIFF - BARNHART

OWNER ADDRESS: 3335 INWOOD
HOUSTON, TX 77019

COUNTY: HARRIS

LATITUDE: 29.753334000 LONGITUDE: -95.428889000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=373614&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2014-05-28

DRILLING DATE (COMPLETED): 2014-06-13

DEPTH DRILLED: 431'

WATER LEVEL:

STATIC LEVEL: 191'

WATER LEVEL DATE: 2014-06-13

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: ALMEDA WATER WELL SERVICE

COMPANY ADDRESS: PO BOX 266
MANVEL, TX 77578



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 374 Distance from Property: 4.56 mi. W

ID NUMBER: TX205990
STATE ID : 65-21-2
OWNER NAME: PAUL F BARNHART SR
DATE DRILLED: 10/23/1990
DEPTH DRILLED: 455'
STATIC LEVEL: 252'
WATER USAGE: IRRIGATION
LONGITUDE: -95.428797000
LATITUDE: 29.751545000

3 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 3
Water Well ID: 205990

DATE OF TESTS WATER WELL REPORT NUMBER

K

OWNER: BARNHART SR., PAUL F. ADDRESS: 3358 INWOOD DR. CITY: HOUSTON STATE: TX ZIP: 77019-

370 396 SAND-WHITE-.014-.020
396 424 BROKEN SAND & CLAY
424 440 SAND-WHITE-.006-.008
440 455 SAND-WHITE-.010-.012
455 0 CLAY-RED

Loc

CWB



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 3

Water Well ID: 205990

DATE OF REPORT WATER WELL REPORT

1) OWNER: BARNHART SR., PAUL F. ADDRESS: 3358 INWOOD DR. CITY: HOUSTON STATE: TX ZIP: 77019-
 2) LOCATION OF WELL: County: HARRIS miles in W direction from HOUSTON

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00334 DIAMETER OF HOLE 7) BOREHOLE METHOD:
 DIAMETER FROM TO TWD STRING/B.P. SEAL
 8.00 0 435 IF GRAVEL... FROM FT. TO FT.
 5.0 435 455 FROM FT. TO FT.
 DATE DRILLED: 10/23/90

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:
 DIA NEW/USED DESCRIPTION FROM TO GAGE CASING SCREEN
 5.0 N P.V.C. S.D.R.17 0 435 CASING
 3.0 N STEEL, NEW, GALV. 425 435 LINER
 3.0 N STAINLESS - ROD BASE 435 440 .008
 3.0 N STAINLESS - ROD BASE 440 455 .010

GEOLOGICAL DESCRIPTION:
 FROM TO DESCRIPTION
 0 3 SOIL
 3 12 CLAY-WHITE
 12 46 CLAY-BROWN
 46 50 BROKEN SAND & CLAY
 50 61 SAND-TAN-.006-.008
 61 86 CLAY-BROWN
 86 95 BROKEN SAND & CLAY
 95 108 SAND-TAN-.010-.012
 108 154 CLAY-RED
 154 192 SAND-TAN-.014-.020
 192 215 CLAY-RED
 215 241 SAND-TAN-.014-.020
 241 308 CLAY-RED
 308 324 SAND-WHITE-.010-.012
 324 370 SHALE

RECEIVED
 MAY 21 1992
 TEXAS WATER WELL
 DRILLERS BOARD

9) CEMENTING DATA:
 Cemented from 0 FT. TO 435 FT.
 FT. TO FT.
 Method used: PRESSURE-HALIBURTON
 Cemented by: ALMEDA WATER WELL
 10) SURFACE COMPLETION:
 APP. ALTER. PROCD.
 11) WATER LEVEL:
 STATIC LEVEL : 252 FT. DATE: 10/25/90
 ARTESIAN FLOW: 6PM. DATE:
 12) PACKERS: TYPE DEPTH

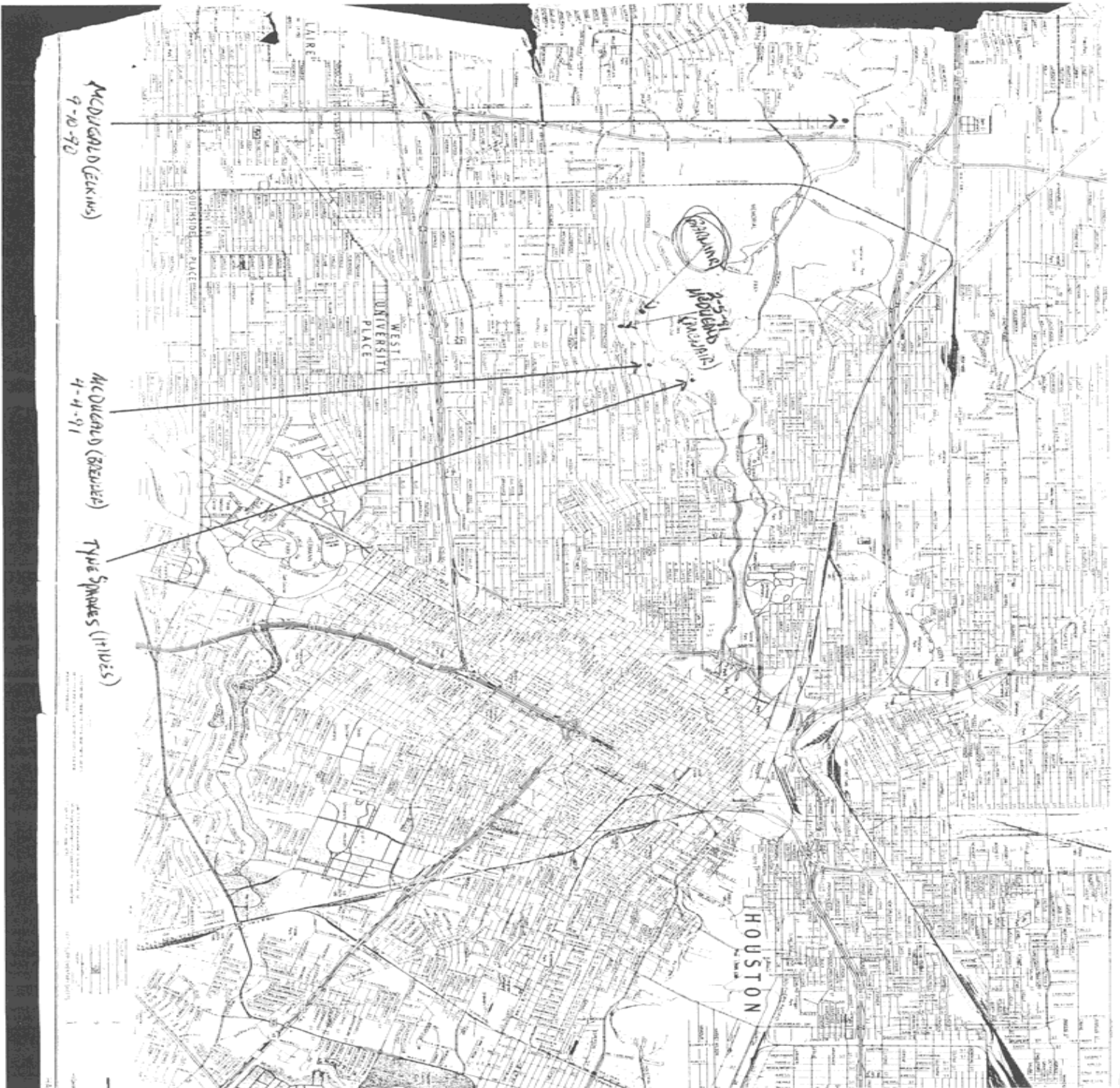
13) TYPE PUMP: SUBMERSIBLE DEPTH TO PUMP: 357
 14) WELL TEST: JETTED YIELD: 60 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY: TYPE OF WATER: GOOD DEPTH OF STRATA: 455 NO CHEMICAL ANALYSIS MADE
 NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843 FOR TDWR USE ONLY
 ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578 WELL NO.
 LOCATED ON MAP 69-21-2

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) *Ally S. Johnson* (signed) _____ (REGISTERED DRILLER TRAINEE)
 (LICENSED WATER WELL DRILLER) CWB



HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 374 Distance from Property: 4.56 mi. W

WELL ID: **12943**
OWNERS NAME: **BARNHART, PAUL JR.**
YEAR DRILLED: **Not Reported**
DEPTH DRILLED: **400'**
STATIC LEVEL: **380'**
WATER USAGE:
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.428797000**
LATITUDE: **29.751545000**
SOURCE: **HGSD**



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 375 Distance from Property: 4.56 mi. W

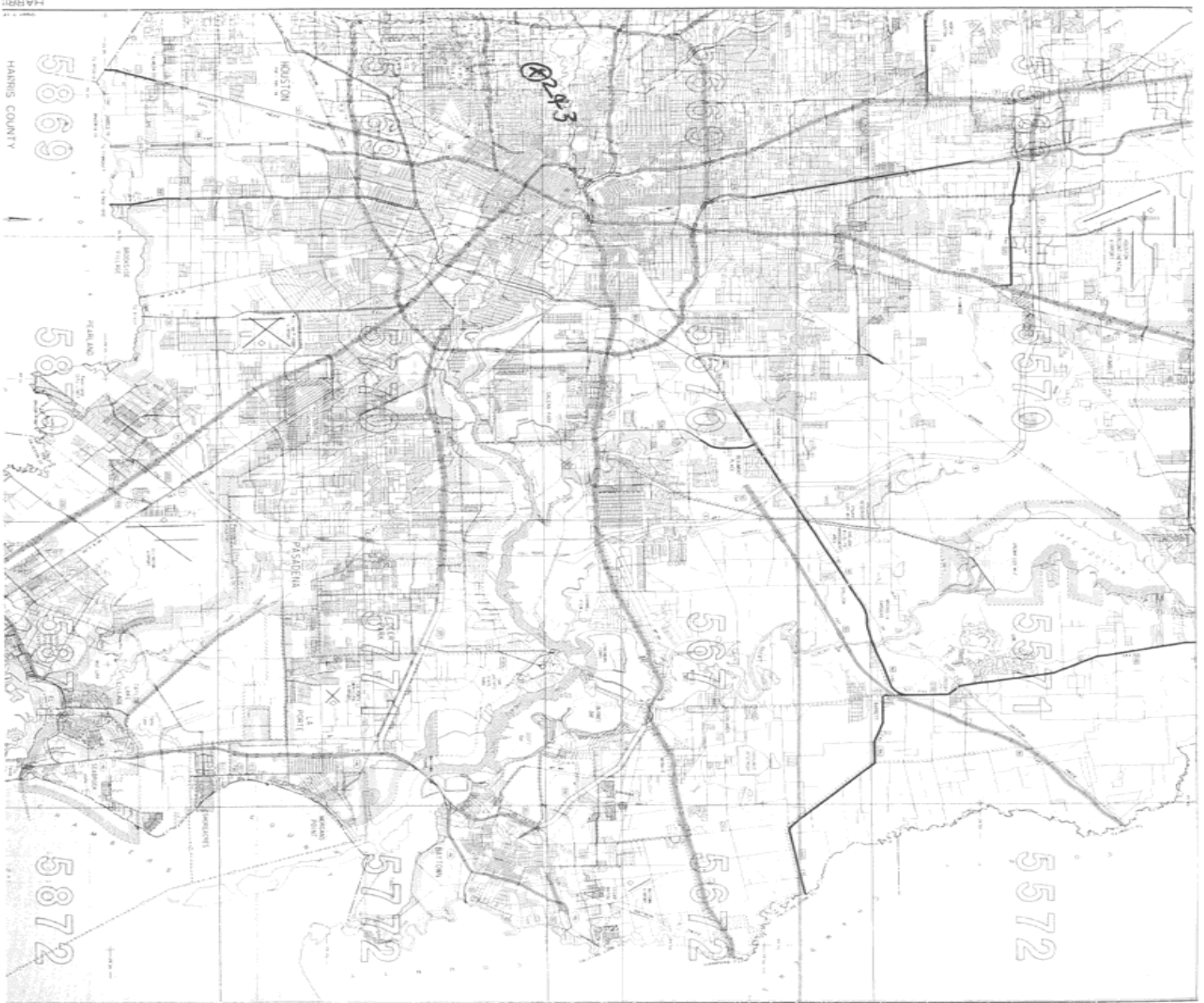
ID NUMBER: TX205988
STATE ID : 65-21-2
OWNER NAME: ALBERT SMITH
DATE DRILLED: 10/26/1990
DEPTH DRILLED: 408'
STATIC LEVEL: 250'
WATER USAGE: DOMESTIC
LONGITUDE: -95.428412000
LATITUDE: 29.749292000
2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205988



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205988

ST. OF TEXAS WATER WELL REPORT

1) OWNER: SMITH, ALBERT ADDRESS: 3335 DELMONTE CITY: HOUSTON STATE: TX ZIP:
2) LOCATION OF WELL: County: HARRIS miles in direction from HDU. RIVER OAKS

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: DOMESTIC 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 01113 DIAMETER OF HOLE 7) BOREHOLE METHOD:
DIAMETER FROM TO OPEN HOLE
6.5 0 408 IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 10/26/90

GEOLOGICAL DESCRIPTION:			8) CASING, BLANK PIPE, AND WELL SCREEN DATA:			
FROM	TO	DESCRIPTION	DIA	NEW/USED	DESCRIPTION	FROM TO GAGE CASING SCREEN
0	2	TOP SOIL	4	N	PVC	1.5 386 40
2	34	BROWN CLAY	2.5	N	STAINLESS STEEL	387 407 #20
34	42	WHITE CLAY				
42	60	SAND & CLAY				
60	102	BROWN CLAY				
102	122	BLUE CLAY				
122	162	BROWN CLAY				
162	194	SAND				
194	225	BROWN CLAY				
225	248	SAND				
248	262	BLUE CLAY				
262	274	BROWN CLAY				
274	305	SAND				
305	375	BROWN CLAY				
375	408	SAND				

9) CEMENTING DATA:
Cemented from 386 FT. TO 286 FT.
15 FT. TO 0 FT.

Method used: PRESSURE
Cemented by: RAYMOND MC PIKE

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 250 FT. DATE: 10/26/90
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH
B-P SEAL 379

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JUN 25 1991

TEXAS WATER COMMISSION

13) TYPE PUMP: SUBMERSIBLE DEPTH TO PUMP: 336
14) WELL TEST: ESTIMATED YIELD: GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY: TYPE OF WATER: GOOD DEPTH OF STRATA: 33 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: HOLLY WATER WELLS WATER WELL DRILLER'S LICENSE NO.: 2026 : FOR TDWR USE ONLY
ADDRESS: 607 HWY 19 CITY: HUNTSVILLE STATE: TX ZIP CODE: 77340 : WELL NO. 65212
: LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Frank D. [Signature] (signed) _____
(LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 376 Distance from Property: 4.57 mi. ESE

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294415095165301**

STATION NAME: **LJ-65-22-317**

SITE TYPE: **GW**

LATITUDE: **29.738108000** LONGITUDE: **-95.281106000**

DATE DRILLED: **1929**

WELL DEPTH: **900 feet**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 376 Distance from Property: 4.57 mi. ESE

STATE ID: 65-22-317

OWNER'S NAME: GULF ATLANTIC WAREHOUSE

DATE DRILLED: 00/00/1929

DEPTH DRILLED: 900'

WATER USAGE: UNUSED

LONGITUDE: -95.281106000

LATITUDE: 29.738108000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522317/6522317.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
State ID: 65-22-317

WRD Exp. (GW)
April 1966

Well No. J-65-22-317

WELL SCHEDULE
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by G.D. McAdoo Source of data E/C Date 1-22-68 Map Park Place 1955
 State Texas County Harris Sequential number: 1
 Latitude: 29° 44' 15" N Longitude: 09° 51' 65" W
 Local well number: J-65-22-317 Other number: 878 well 1
 Local use: _____ Owner of name: Gulf Atlantic Warehouse
 Owner or name: GULF ATLANTIC Address: Houston Tex.
 Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist N
 Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Mad, Ind, P S, Rec, Water: _____
 Stock, Instit, Unused, Recharge, Desal-P S, Desal-other, Other U
 Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed U
 DATA AVAILABLE: Well data 8 Freq. W/L meas.: Quarterly Field aquifer char. _____
 Hyd. lab. data: _____
 Qual. water data: type: _____
 Freq. sampling: 11-9-29 Pumpage inventory: _____
 Aperture cards: _____
 Log data: D-LOG

WELL-DESCRIPTION CARD

SAME AS OR MASTER CARD Depth well: 900 ft. Meas. accuracy 6
 Depth cased; (first perf.): 713 ft. Casing type: 5; Diam. 16"-8" in.
 Finish: porous concrete, gravel w. concrete, gravel v. (screen), horiz. gallery, open end, perf., screen, sd. pt., shored, other 5
 Method: (A) air, (B) bored, (C) cable, (D) dug, (E) rot., (F) jetted, (G) air percussion, (H) rotary, (I) reverse trenching, (J) driven, (K) drive wash, (L) other H
 Date Drilled: 1929 7:29 Pump intake setting: _____ ft.
 Driller: Layne Texas Co Houston Texas.
 Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) turb., (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other N Deep 40 Shallow _____
 Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.F. _____ Trans. or meter no. _____
 Descrip. MP _____ ft below LSD, Alt. MP _____
 Alt. LSD: 17 Accuracy: (source) Topo 5'
 Water Level 42 ft above MP; Ft below LSD 42 Accuracy: rept.
 Date meas: 9-3-29 Yield: 365 gpm Pumping Period _____ hrs
 Drawdown: 48 ft Accuracy: rept
 QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____
 Sp. Conduct _____ K x 10⁶ Imp. _____ Date sampled _____
 Taste, color, etc. _____

P-201
12/2

Well No. J-65-22-317

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 2
State ID: 65-22-317

Well No. LJ-65-22-317

Latitude-longitude 29.44.15 N 99.516.53.1 W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: Coastal Plain Section: West

G.C.P. Drainage Basin: 51R Subbasin:

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system series aquifer, formation, group E Aquifer Thickness: ft

Lithology: Origin: Length of well open to: 80 ft Depth to top of: 80 ft

MINOR AQUIFER: system series aquifer, formation, group Aquifer Thickness: ft

Lithology: Origin: Length of well open to: ft Depth to top of: ft

Intervals Screened: 713-754; 796-817; 870-888

Depth to consolidated rock: ft Source of data:

Depth to basement: ft Source of data:

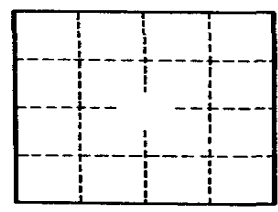
Surficial material: Infiltration characteristics:

Coefficient Trans: spd/ft Coefficient Storage:

Coefficient Perm: spd/ft²; Spec cap: gpm/ft; Number of geologic cards:

162' of 16" C59.
743' of 8" + 700

8/3/29
S/L = 42' P/L = 90' GPM = 365



Well No. LJ-65-22-317

GPO 857-700

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 377 Distance from Property: 4.57 mi. ENE

ID NUMBER: TX208034
STATE ID : 65-14-9G
OWNER NAME: ENERCON TRUCKING
DATE DRILLED: 12/21/1984
DEPTH DRILLED: 40'
STATIC LEVEL: 10'
WATER USAGE: DOMESTIC
LONGITUDE: -95.283839000
LATITUDE: 29.788200000
2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 208034

Send original copy by certified mail to the Texas Department of Water Resources, P. O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT
Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Evercon Trucking Address 2406 Wallisville Houst. Tx 77029
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Norris miles in _____ direction from _____ (Town)

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Map 3d See attached map.

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Irrigation Industrial Test Well Public Supply Other _____

5) DRILLING METHOD (Check): Mud Rotary Air Rotary Air Hammer Cable Tool Driven Jetted Bored Other _____

6) WELL LOG: Date drilled Dec. 20+21 1984

DIAMETER OF HOLE		Description and color of formation material	
Dia. (in.)	From (ft.)	To (ft.)	
6.5	Surface	40'	
	0 - 5		Black Gault
	5 - 38		red clay
	38 - 41		sand

7) BOREHOLE COMPLETION: Open Hole Gravel Packed Straight Wall Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
4"	N	PRC	+1	38	40

CEMENTING DATA
Cemented from _____ ft. to _____ ft.
Method used _____
Cemented by _____ (Company or Individual)

9) WATER LEVEL: Static level 10 ft. below land surface Date Dec. 21
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth
Rubber 5
Rubber 35'

11) TYPE PUMP: Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc. 20' ft.

12) WELL TESTS: Type Test: Pump Bailer Jetted Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME Johnson's Water Well Water Well Driller's License No. 1807
(Type or Print)

ADDRESS 8933 Talcott Ln. Houst Tx 77049
(Street or RFD) (City) (State) (Zip)

(Signed) [Signature] (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

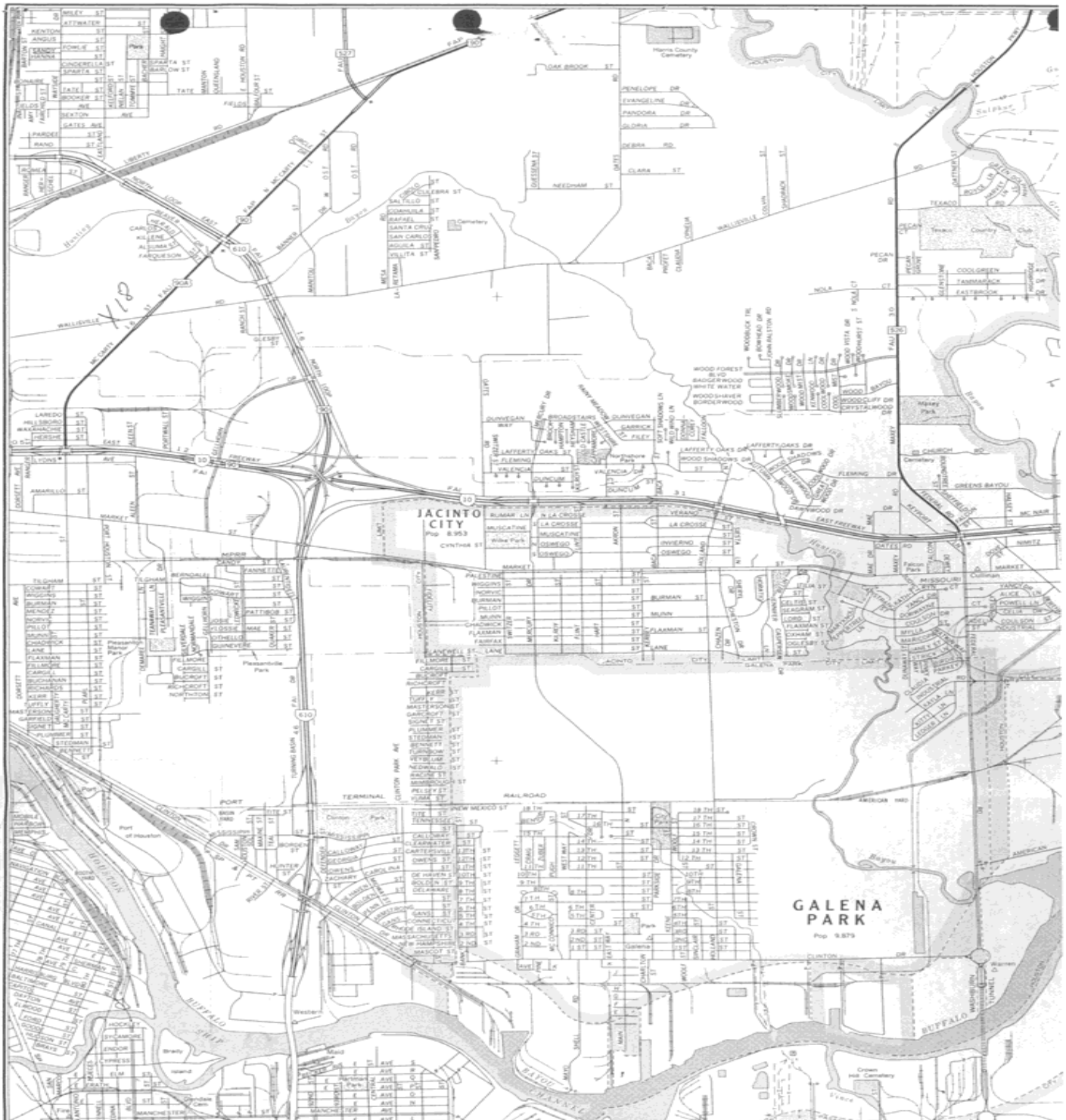
For TDWR use only: Well No. 65-14-96
Located on map Y6 DLE

DWR-0392 (Rev. 5-27-82)

DEPARTMENT OF WATER RESOURCES COPY



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 378 Distance from Property: 4.57 mi. NNE

ID NUMBER: TX181957
STATE ID : 65-14-4
OWNER NAME: MILLER WRECKER SERVICE
DATE DRILLED: 11/19/1990
DEPTH DRILLED: 485'
STATIC LEVEL: 275'
WATER USAGE: DOMESTIC
LONGITUDE: -95.334168000
LATITUDE: 29.824433000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 181957

STATE OF TEXAS WATER WELL REPORT *KM454K 65-14-4*

1) OWNER: MILLER WRECKER SERVICE ADDRESS: 7200 EASTEX FRWY CITY: HOUSTON STATE: TX ZIP: 77093-
2) LOCATION OF WELL: County: HARRIS 0 miles in N direction from HOUSTON

LEGAL DESCRIPTION:
Section No.: F-9 Block No.: N Township: HOUSTON
Abstract No.: EASTEX FWY Survey Name:
Distance and direction from two intersecting section or survey lines: EASTEX FRWY & BENNINGTON *NO MAP 0465-22-9*

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: DOMESTIC 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 12481 DIAMETER OF HOLE 7) BOREHOLE METHOD:
DIAMETER FROM TO STRAIGHT WALL
6.5 0 485 IF GRAVEL... FROM FT. TO FT.
FROM FROM FT. TO FT.

DATE DRILLED: 11/19/90

GEOLOGICAL DESCRIPTION: 8) CASING, BLANK PIPE, AND WELL SCREEN DATA:
FROM TO DESCRIPTION DIA NEW/USED DESCRIPTION FROM TO GAGE CASING SCREEN
0 3 TOP SOIL 4 N PVC CASING 0 437 WN
3 135 CLAY 2.5 N GALVANIZED LINER 412 475 WN
135 165 SAND 2.5 N PVC WRAPPED SCREEN 475 485 08
165 190 CLAY
190 250 SAND
205 250 CLAY
250 264 SAND
264 290 CLAY
290 310 SAND
310 472 CLAY
472 485 SAND

9) CEMENTING DATA:
Cemented from 437 FT. TO 0 FT.
FT. TO FT.
Method used: PRESSURE
Cemented by: ODCI

H7

10) SURFACE COMPLETION:
OTHER

11) WATER LEVEL:
STATIC LEVEL : 275 FT. DATE: 11/19/90
ARTESIAN FLOW: GPM. DATE:

RECEIVED
FEB 15 1991

12) PACKERS: TYPE DEPTH
B P VALVE 412

TEXAS WATER WELL
DRILLERS BOARD

13) TYPE PUMP: SUBMERSIBLE 14) WELL TEST:
DEPTH TO PUMP: 336 JETTED
YIELD: 8 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: N/A DEPTH OF STRATA: 13 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: O'DAY DRILLING CO., INC. WATER WELL DRILLER'S LICENSE NO.: 1877 FOR TDWR USE ONLY
ADDRESS: P. O. BOX 162 CITY: PEARLAND STATE: TX ZIP CODE: 77588 WELL NO. *65-14-4*
LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) *Michael O'Day* (signed) _____ (REGISTERED DRILLER TRAINEE)
(LICENSED WATER WELL DRILLER)

181957

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 379 Distance from Property: 4.58 mi. W

ID NUMBER: TX205994
STATE ID : 65-21-2
OWNER NAME: CHARLES & JOHN DUNCAN
DATE DRILLED: 04/18/2001
DEPTH DRILLED: 493'
STATIC LEVEL: 220'
WATER USAGE: DOMESTIC
LONGITUDE: -95.428255000
LATITUDE: 29.747209000

2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205994

STATE OF TEXAS WATER WELL REPORT (PAGE 2)

OWNER: DUNCAN, CHARLES & JOHN ADDRESS: #2 BRIARWOOD CITY: HOUSTON STATE: TX ZIP: -

409	413	CLAY	
413	418	SAND	
418	432	CLAY	
432	448	SAND	
448	452	CLAY	
452	470	SAND	
470	478	CLAY	
478	487	SAND	
487	491	CLAY	
491	493	SAND	



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2

Water Well ID: 205994

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side
 STATE OF TEXAS
 WATER WELL REPORT

1) OWNER: DUNCAN, CHARLES & JOHN ADDRESS: #2 BRIARWOOD CITY: HOUSTON STATE: TX ZIP: -

2) ADDRESS OF WELL: 5)
 County: HARRIS GRID # 65-21-2
 Street or RFD: #2 BRIARWOOD
 City, State, Zip code: HOUSTON, TX -

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: DOMESTIC
 If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 22701 DIAMETER OF HOLE 7) DRILLING METHOD: 8) BOREHOLE COMPLETION:
 DATE DRILLING: 7 7/8 0 493 MUD ROTARY STRAIGHT WALL N^
 STARTED: 04/18/01 IF GRAVEL... FROM FT. TO FT.
 COMPLETED: 04/18/01 FROM FT. TO FT.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5	N	PVC CASING	0	430	SDR17
3	N	GALVANIZED LINER	420	431	WW
3	N	S/S PIPE BASE SCREEN	431	471	08,10
3	N	GALVANIZED LINER	471	493	WW

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	TOP SOIL
3	189	CLAY
189	201	SAND
201	233	CLAY
233	250	SAND
250	274	CLAY
274	280	SAND
280	300	CLAY
300	310	SAND
310	328	CLAY
328	338	SAND
338	367	CLAY
367	378	SAND
378	388	CLAY
388	409	SAND

9) CEMENTING DATA:
 Cemented from 430 FT. TO 0 FT. No. of Sacks Used 40
 FT. TO FT.
 Method used: PRESSURE
 Cemented by: ODCI
 Distance to septic field lines: ft.
 Method of verification of above distance:

10) SURFACE COMPLETION:
 SLAB

11) WATER LEVEL:
 STATIC LEVEL : 220 FT. DATE: 04/18/01
 ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH
 B P SEAL 420

13) TYPE PUMP: SUBMERSIBLE DEPTH TO PUMP: 315
 14) WELL TEST: JETTED YIELD: 80 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY: TYPE OF WATER: N/A DEPTH OF STRATA: 34 NO CHEMICAL ANALYSIS MADE
 NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: O'DAY DRILLING CO., INC. WATER WELL DRILLER'S LICENSE NO.: 1877,4111,4883, FOR TWC USE ONLY
 ADDRESS: 2357 GARDEN RD CITY: PEARLAND STATE: TX ZIP CODE: 77581-8744 WELL NO. _____
 LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

{signed} Agust Brantute (LICENSED WATER WELL DRILLER) {signed} Francisco S. S. Hernandez (REGISTERED DRILLER TRAINEE)

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 380 Distance from Property: 4.58 mi. ENE

STATE ID: 65-14-909
OWNER'S NAME: TEXAS PIPE LINE CO.
DATE DRILLED: 00/00/1919
DEPTH DRILLED: 897'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.285250000
LATITUDE: 29.791030000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514909/6514909.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
State ID: 65-14-909

WRD Exp. (GW)
April 1966

Well No. 65-14-909

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by G.D. McAdams Source of data File Date 1-19-68 Map Settegast 1955 1:24000

State Texas County Harris Sequential number: 7

Latitude: 29° 47' 22" N Longitude: 09° 51' 65" W

Local well number: 65-14-909 Other number: 750 B & M number: 15989C

Local use: _____ Owner or name: TEXAS PIPE LINE CO. Address: Houston, Texas.

Ownership: (C) County, Fed Gov't, City, Corp of Co, Private, State Agency, Water Dist (N)

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Mad, Ind, P S, Rec, Stock, Instit, Unused, Recharge, Desal-P S, Desal-other, Other Tank

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, 1974 (U) Unused, Withdraw, Waste, Destroyed (N)

DATA AVAILABLE: Well data (B) Freq. W/L meas.: Quarterly Field aquifer char. _____

Hyd. lab. data: _____

Qual. water data: type: _____

Freq. sampling: 2-23-71 Pumpage inventory: (0) yes/no, period: _____

Aperture cards: _____

Log data: _____

WELL-DESCRIPTION CARD

(B) SAME AS ON MASTER CARD Depth well: 897 ft Mass. (S) Driller accuracy (3)

Depth cased: (F) 857 ft Casing type: 5 Dim: 6 in

Finish: porous concrete, gravel v. (perf.), gravel w. (screen), horiz. (gall.), open end, other _____

Method: (A) air bored, (B) cable, (C) dug, (D) jetted, (E) rot., (F) percussive, (G) rotary, (H) reverse trenching, (I) driven, (J) drive wash, (K) other _____

Date Drilled: 1919 9/1/9 Pump intake setting: _____ ft

Driller: McMasters & Pomeroy, Pasadena, Texas

Lift: (A) sif, bucket, cent, jet, (B) multiple, (C) turb., (D) pump, (E) piston, (F) rot, (G) submerg, (H) turb, (I) other _____

Power: (N) nat, (D) LP, (N) None 1974 was right (N) Trans. of water no. _____

Descrip. MP: _____ ft below LSD, Alt. MP _____

Alt. LSD: 44 4/4 Accuracy: (source) Topo 5'

Water Level: _____ ft below MP; Ft below LSD _____ Accuracy: _____

Date meas: _____ Yield: _____ spm _____ Method determined _____

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled _____

Taste, color, etc. _____

Well No. 65-14-909



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 2
State ID: 65-14-909

Well No. LJ-65-14-909

Latitude-longitude 29° 47' 22.5035" N, 101° 16' 59.1" W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: coastal plain C: 3 Section: 2002

Drainage Basin: C.C.P. F: 1 Subbasin: 51R 25

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) 27

MAJOR AQUIFER: system _____ series T 28 29 aquifer, formation, group E 30 31

Lithology: _____ Origin: _____ 32 33 Aquifer Thickness: _____ ft

Length of well open to: 40 ft 34 35 Depth to top of: _____ ft 36 37

MINOR AQUIFER: system _____ series _____ 38 39 aquifer, formation, group _____ 40 41

Lithology: _____ Origin: _____ 42 43 Aquifer Thickness: _____ ft

Length of well open to: _____ ft 44 45 Depth to top of: _____ ft 46 47

Intervals Screened: 857-897

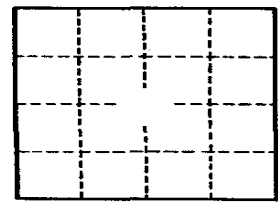
Depth to consolidated rock: _____ ft 48 49 Source of data: _____ 50

Depth to basement: _____ ft 51 52 Source of data: _____ 53

Surficial material: _____ 54 55 Infiltration characteristics: _____ 56

Coefficient Trans: _____ 57 58 Coefficient Storage: _____ 59

Coefficient Perm: _____ 60 61 Spec cap: _____ 62 63 Number of geologic cards: _____ 64



Well No. LJ-65-14-909

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 380 Distance from Property: 4.58 mi. ENE

STATE ID: 65-14-908
OWNER'S NAME: TEXAS PIPE LINE CO.
DATE DRILLED: 00/00/1915
DEPTH DRILLED: 540'
WATER USAGE: UNUSED
LONGITUDE: -95.285220000
LATITUDE: 29.791030000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514908/6514908.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
State ID: 65-14-908

WRD Exp. (GW)
April 1966

Well No. 65-14-908

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by G. McDuff W. J. M. 1931 Source of data F. 10 Date 1-19-68 Map Sette 903 + 1955 1:24000
 State Texas County Harris (or town) 48 Sequential number: 1
 Latitude: 29 47 20 N Longitude: 09 51 70 3
 Local well number: 48-65-14-908 Other number: 751 in 899c
 Local use: _____ Owner of name: Texas Pipe Line Co.
 Owner of name: TEXAS PIPE LINE Address: Houston, Texas.

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist _____
 Use of water: _____
 Use of well: _____
 DATA AVAILABLE: Well data 9 Freq. W/L meas.: Quarterly Field aquifer char. _____
 Hyd. lab. data: _____
 Qual. water data: type: _____
 Freq. sampling: None Pumpage inventory: _____
 Aperture cards: _____
 Log data: _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 540 ft. Meas. Cap: 540 accuracy _____
 Depth cased: _____ ft. Casing type: 5 ; Diam: 6 in _____
 Finish: _____
 Method: _____
 Drilled: Feb 1915 9:15 Pump intake setting: _____ ft _____
 Driller: Foxley & Walling _____
 Lift: _____ Deep _____ Shallow _____
 Power: _____
 Descrip. MP _____
 Alt. LSD: 44 _____ Accuracy: Tripo 5'
 Water Level: Flowed ft above below MP; Ft above below LSD _____ Accuracy: rept.
 Date meas: Feb 1915 2:15 Yield: _____ Method _____
 Drawdown: _____ ft _____ Accuracy: _____ Pumping period _____ hrs _____
 QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____
 Sp. Conduct _____ K x 10⁶ _____ Temp. _____ Data sampled _____
 Taste, color, etc. _____

Well No. 65-14-908
destroyed 1974

* Flowed till 1915.

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Well No. LJ-65-14-908

Latitude-longitude = 29 47.20 95.17 03.1

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: Coastal Plain Section: 1100

Drainage Basin: G.C.P. Subbasin: 03

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system 0 series 0 aquifer, formation, group C:L

Lithology: 0 Length of well open to: 0 ft Depth to top of: 0 ft

MINOR AQUIFER: system 0 series 0 aquifer, formation, group 0

Lithology: 0 Length of well open to: 0 ft Depth to top of: 0 ft

Intervals Screened:

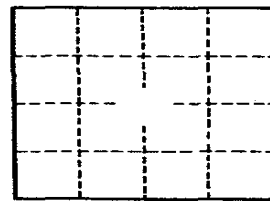
Depth to consolidated rock: 0 ft Source of data: 0

Depth to basement: 0 ft Source of data: 0

Surficial material: 0 Infiltration characteristics: 0

Coefficient Trans: 0 spd/ft Coefficient Storage: 0

Coefficient Poru: 0 spec cap: 0 Number of geologic cards: 0



Well No. LJ-65-14-908

GPO 857-700

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 380 Distance from Property: 4.58 mi. ENE

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294722095165901**

STATION NAME: **LJ-65-14-909**

SITE TYPE: **GW**

LATITUDE: **29.791030000** LONGITUDE: **-95.285250000**

DATE DRILLED: **01/01/1919**

WELL DEPTH: **897 feet**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 380 Distance from Property: 4.58 mi. ENE

WELL ID: 2568
OWNERS NAME: TEXAS PIPE LINE COMPANY
YEAR DRILLED: 1958
DEPTH DRILLED: 845'
STATIC LEVEL: 815'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.285220000
LATITUDE: 29.791030000
SOURCE: HGSD



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SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 381 Distance from Property: 4.63 mi. W

TRACK #: 40186

DATE ENTERED: 2004-07-02

OWNER NAME: MINER-DEDRICK

OWNER ADDRESS: 2290 INWOOD
HOUSTON, TX

COUNTY: HARRIS

LATITUDE: 29.752223000 LONGITUDE: -95.430278000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=40186&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2003-08-04

DRILLING DATE (COMPLETED): 2003-08-07

DEPTH DRILLED: 438'

WATER LEVEL:

STATIC LEVEL: 216'

WATER LEVEL DATE: 2003-08-07

TYPE OF WATER: GOOD

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: ALMEDA WATER WELL SERVICE

COMPANY ADDRESS: P.O. BOX 266
MANVEL, TX 77578



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 382 Distance from Property: 4.64 mi. NE

WELL ID: 2738
OWNERS NAME: CORDELL, JAMES
YEAR DRILLED: 1954
DEPTH DRILLED: 702'
STATIC LEVEL: 350'
WATER USAGE: PUBLIC SUPPLY
WELL STATUS: PLUGGED
LONGITUDE: -95.293330000
LATITUDE: 29.803010000
SOURCE: HGSD



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 383 Distance from Property: 4.64 mi. W

WELL ID: 1784
OWNERS NAME: RIVER OAKS COUNTRY CLUB
YEAR DRILLED: 1973
DEPTH DRILLED: 726'
STATIC LEVEL: NOT REPORTED
WATER USAGE: OTHER
WELL STATUS: PLUGGED
LONGITUDE: -95.430512000
LATITUDE: 29.755520000
SOURCE: HGSD



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 383 Distance from Property: 4.64 mi. W

STATE ID: 65-13-801

OWNER'S NAME: RIVER OAKS COUNTRY CLUB

DATE DRILLED: 00/00/1949

DEPTH DRILLED: 1227'

WATER USAGE: IRRIGATION

LONGITUDE: -95.430509000

LATITUDE: 29.755518000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513801/6513801.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 2
State ID: 65-13-801

WED Exp. (GW)
April 1966

Well No. WT-65-13-801

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD (T. BROWN)
R.K.G. (7-1-63) Source of data FILES Date 3-5-68 Map Houston Heights 1955
Record by W.L.N. (12-15-43)

State TEXAS County (or town) HARRIS Sequential number: 43

Latitude: 29° 45' 18" N Longitude: 09° 52' 54" W Accuracy: 1

Local well number: WT-65-13-801 Other number: WELL #2 W-64

Local use: _____ Owner or name: RIVER OAKS COUNTRY CLUB

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist. PRIVATE P

Use of water: Air cond, Bottling, Comm, De-water, Power, Fire, Dom, Irr, Mad, Ind, P S, Rec. (I) (M) (N) (P) (R)

Stock, Instic, Unused, Re-pressure, Recharge, Desal-P S, Desal-other, Other PS & IRR. T

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, With-draw, Waste, Destroyed (U) (X) (S) W

DATA AVAILABLE: Well data 2 Freq. W/L meas.: Quarterly Field aquifer char.

Byd. lab. data: _____

Qual. water data: type: _____

Freq. sampling: 2-10-50 Pumpage inventory: yes

Aperture cards: _____

Log data: E-LOG T-30 IN OUR FILES TO 1,229 E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1227 ft Meas. accuracy: Driller 3

Depth casing: 617 ft Casing type: S Diam: 16-65/8 in 6

Finish: porous concrete, gravel v. concrete, (perfor.) screen, horiz. gallery, open end, perf., screen, ad. pt., shored, other Shaker 5

Method drilled: air rot, bored, cable, dug, hyd rot, jetted, air percussion, rotary, reverse trenching, driven, drive wash, other H 4

Date drilled: 9-13-49 Pump intake setting: 330 ft 330

Driller: LAYNE-TEXAS CO. HOUSTON, TEXAS

Lift (type): air, bucket, cent, jet, multiple, multiple, nose, piston, rot, submerg, turb, other T Deep D

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; E.P. 100HP T-E Trans. of meter no.

Descrip. MP _____ ft above LSD - Alt. MP 54'

Alt. LSD: 52' Accuracy: TOPO. 5' 3

Water Level: 189.27 ft above MP; Ft below LSD: 189 Accuracy: tape 5

Date meas: 12-19-57 Yield: _____ Method determined: _____

Drawdown: _____ ft Accuracy: _____ Pumping period: _____

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled: _____

Taste, color, etc. _____

Well No. WT-65-13-801

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 2
State ID: 65-13-801

Well No. LJ-65-13-801

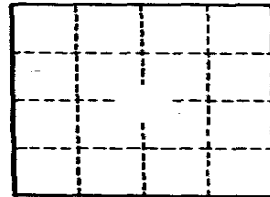
Latitude-longitude 29.45.18 N 95.25.48 W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD
 Physiographic Province: COASTAL PLAINS Section: 03
 Drainage Basin: F Subbasin: 51R
 Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, padiment, hillside, terrace, undulating, valley flat
 MAJOR AQUIFER: system _____ series T aquifer, formation, group E
 Lithology: _____ Origin: _____ Thickness: _____ ft
 Length of well open to: 158 ft Depth to top of: 158 ft
 MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____
 Lithology: _____ Origin: _____ Thickness: _____ ft
 Length of well open to: _____ ft Depth to top of: _____ ft
 Intervals Screened: 617-662, 706-716, 984-994, 1022-1053, 1098-1120, 1179-1210
 Depth to consolidated rock: _____ ft Source of data: _____
 Depth to basement: _____ ft Source of data: _____
 Surficial material: _____ Infiltration characteristics: _____
 Coefficient Trans: _____ spd/ft Coefficient Storage: _____
 Coefficient Perm: _____ spd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

11-12-63 installed new 6 5/8" liner
 PL 290' @ 697 gpm } LT
 static 234'
 New well in 1973

699:
 @ -597 = 16"
 507-1227 = 6"



Well No. LJ-65-13-801

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 383 Distance from Property: 4.64 mi. W

STATE ID: 65-13-824

OWNER'S NAME: RIVER OAKS COUNTRY CLUB

DATE DRILLED: 00/00/1929

DEPTH DRILLED: 887'

WATER USAGE: PLUGGED OR DESTROYED

LONGITUDE: -95.430511000

LATITUDE: 29.755519000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513824/6513824.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 2
State ID: 65-13-824

Well No. LJ-65-13-824

Latitude-longitude 29.45.17° 95.25.46

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: COASTAL PLAIN Section: 03

Drainage Basin: E Subbasin: SIR

Topo of well site: (D) depression, (G) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (M) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat

MAJOR AQUIFER: system _____ series T aquifer, formation, group E
Lithology: _____ Origin: _____ Thickness: _____ ft

Length of well open to: 149 ft Depth to top of: 149 ft

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____
Lithology: _____ Origin: _____ Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: 675-715; 755-864'

Depth to consolidated rock: _____ ft Source of data: _____

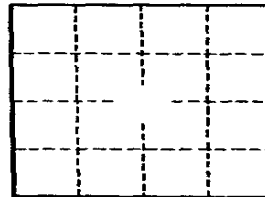
Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft² Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft² Spec cap: _____ gpd/ft; Number of geologic cards: _____

WELL FIRST 776', DEEPEMED TO 887' JULY 1929.



Well No. LJ-65-13-824

GPO 657-700

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 383 Distance from Property: 4.64 mi. W

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294518095254801**

STATION NAME: **LJ-65-13-801**

SITE TYPE: **GW**

LATITUDE: **29.755520000** LONGITUDE: **-95.430513000**

DATE DRILLED: **09/13/1949**

WELL DEPTH: **1227 feet**

HOLE DEPTH: **1229 feet**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 383 Distance from Property: 4.64 mi. W

WELL ID: 1783
OWNERS NAME: RIVER OAKS COUNTRY CLUB
YEAR DRILLED: 1967
DEPTH DRILLED: 1224'
STATIC LEVEL: 587'
WATER USAGE: OTHER
WELL STATUS: PLUGGED
LONGITUDE: -95.430513000
LATITUDE: 29.755520000
SOURCE: HGSD



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 384 Distance from Property: 4.65 mi. W

ID NUMBER: TX205989
STATE ID : 65-21-2
OWNER NAME: DOUGLAS GORDON
DATE DRILLED: 10/02/1990
DEPTH DRILLED: 401'
STATIC LEVEL: 249'
WATER USAGE: IRRIGATION
LONGITUDE: -95.429113000
LATITUDE: 29.746089000
2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205989

STATE OF TEXAS WATER WELL REPORT

1) OWNER: GORDON, DOUGLAS ADDRESS: #6 BRIARWOOD COURT CITY: HOUSTON STATE: TX ZIP: 77006-
2) LOCATION OF WELL: County: HARRIS 15 miles in N direction from FRESNO

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00353 DIAMETER OF HOLE 7) BOREHOLE METHOD:
DIAMETER FROM TO TWD STRING/K-PACKER
7.5 0 380' IF GRAVEL... FROM FT. TO FT.
4.5 380' 401' FROM FT. TO FT.

DATE DRILLED: 10/02/90

GEOLOGICAL DESCRIPTION:			8) CASING, BLANK PIPE, AND WELL SCREEN DATA:							
FROM	TO	DESCRIPTION	DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING	SCREEN
0	3	SOIL	5	N	P.V.C. S.D.R.17	0	380'		CASING	
3	10	CLAY-BROWN	3	N	STEEL, NEW, GALV.	372'	381'		LINER	
10	25	SAND-TAN-FINE	3	N	STAINLESS - ROD BASE	381'	401'		.008	
25	35	CLAY-RED	-----							
35	40	SAND-RED-FINE	-----							
40	56	SAND-RED-.006-.008	-----							
56	175	CLAY-RED	-----							

9) CEMENTING DATA:
Cemented from 0 FT. TO 380 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AMWS

10) SURFACE COMPLETION:
APP. ALTER. PROCD.

11) WATER LEVEL:
STATIC LEVEL : 249' DATE: 10/05/90
ARTESIAN FLOW: G.P. DATE: APR 18 1991

RECEIVED

TEXAS WATER WELL
DRILLERS BOARD

12) PACKERS: TYPE

13) TYPE PUMP: 14) WELL TEST:
SUBMERSIBLE JETTED
DEPTH TO PUMP: 336' YIELD: 80 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 401' NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843 : FOR TDWR USE ONLY
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578 : WELL NO. 95-21-2
: LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Mike Rybuzen (signed) _____
(LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)

CWP

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 205989



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 385 Distance from Property: 4.65 mi. W

ID NUMBER: TX205985
STATE ID : 65-21-2
OWNER NAME: JOHN YOUNG
DATE DRILLED: 06/13/1989
DEPTH DRILLED: 400'
STATIC LEVEL: 242'
WATER USAGE: IRRIGATION
LONGITUDE: -95.429081000
LATITUDE: 29.745537000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205985

STATE OF TEXAS WATER WELL REPORT *K. HOPE*

1) OWNER: YOUNG, JOHN ADDRESS: 11 BRIARWOOD COURT CITY: HOUSTON STATE: TX ZIP:
2) LOCATION OF WELL: County: HARRIS miles in W direction from HOUSTON

LEGAL DESCRIPTION: SEE ATTACHED MAP: 00120
Section No.: Block No.: Township:
Abstract No.: Survey Name:
Distance and direction from two intersecting section or survey lines: *on 65-13-8*

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00120 DIAMETER OF HOLE 7) BOREHOLE METHOD:
DIAMETER FROM TO TWO STRING/K-PACKER
8.0 0 377 IF GRAVEL... FROM FT. TO FT.
5.0 377 400 FROM FT. TO FT.
DATE DRILLED: 06/13/89

GEOLOGICAL DESCRIPTION: 8) CASING, BLANK PIPE, AND WELL SCREEN DATA:
FROM TO DESCRIPTION DIA NEW/USED DESCRIPTION FROM TO GAGE CASING SCREEN
0 3 SOIL 5.0 N P.V.C. S.D.R.17 0 377
3 16 CLAY-RED 3.0 N P.V.C. SCH.80 372 382 LINER
16 30 SAND-TAN-FINE 3.0 N STAINLESS - ROD BASE 382 388 .012
30 45 CLAY-RED 3.0 N STEEL, NEW, GALV. 388 400 S.T.N.
45 50 SAND-TAN-.006-.008
50 225 CLAY-RED

9) CEMENTING DATA:
Cemented from 77 FT. TO 377 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: ALMEDA WATER WELL

10) SURFACE COMPLETION:
APP. ALTER. PROCD.

11) WATER LEVEL:
STATIC LEVEL : 242 FT. DATE: *06/15/89*
ARTESIAN FLOW: GPM. DATE:
RECEIVED
SEP 20 1989
TEXAS WATER COMMISSION

13) TYPE PUMP: SUBMERSIBLE DEPTH TO PUMP: 357
14) WELL TEST: JETTED YIELD: 60 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY: TYPE OF WATER: GOOD DEPTH OF STRATA: 400 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843 : FOR TDWR USE ONLY
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578 : WELL NO. *65-21-2*
: LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) *John A. Glavin* (signed) _____
(LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)

CWB



SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 386 Distance from Property: 4.65 mi. W

TRACK #: 184981

DATE ENTERED: 2009-07-02

OWNER NAME: MAX WATSON

OWNER ADDRESS: 3389 INWOOD DR.
HOUSTON, TX 77019

COUNTY: HARRIS

LATITUDE: 29.750834000 LONGITUDE: -95.430278000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=184981&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2006-05-10

DRILLING DATE (COMPLETED): 2006-05-11

DEPTH DRILLED: 445'

WATER LEVEL:

STATIC LEVEL: 205'

WATER LEVEL DATE: 2006-05-11

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: BUSSELL & SONS LLC

COMPANY ADDRESS: P.O. BOX 874
TOMBALL, TX 77377



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 386 Distance from Property: 4.65 mi. W

ID NUMBER: TX199503
STATE ID : 65-21-1
OWNER NAME: R.D.W.
DATE DRILLED: 10/23/1996
DEPTH DRILLED: 400'
STATIC LEVEL: 219'
WATER USAGE: DOMESTIC
LONGITUDE: -95.430206000
LATITUDE: 29.750900000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 199503

Send original copy by certified return receipt requested mail to: TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3087

ATTENTION OWNER: Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)		State of Texas WELL REPORT		Texas Water Well Drillers Advisory Council MC 177 P.O. Box 13087 Austin, TX 78711-3087 512-239-0530																																	
1) OWNER <u>R.D.W.</u> (Name)		ADDRESS <u>1029 WEST 21ST ST. HSTN TX 77008</u> (Street or RFD) (City) (State) (Zip)																																			
2) ADDRESS OF WELL: County <u>HARRIS</u> <u>3389 INWOOD HSTN TX</u> (City) (State) (Zip)		GRID # <u>65-21-1</u>																																			
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No		5)																																	
6) WELL LOG: Date Drilling: <u>10/21 96</u> Started <u>10/23 1996</u> Completed <u>10/23 1996</u>		DIAMETER OF HOLE Dia. (in.) From (ft.) To (ft.) <u>7 7/8</u> Surface <u>380</u> <u>4 3/4</u> <u>380</u> <u>400</u>		7) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____																																	
From (ft.) To (ft.) Description and color of formation material		8) Borehole Completion (Check): <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give interval ... from _____ ft. to _____ ft.																																			
0 18 TOP SOIL + CLAY		CASING, BLANK PIPE, AND WELL SCREEN DATA: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Dia. (in.)</th> <th rowspan="2">New or Used</th> <th rowspan="2">Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial</th> <th colspan="2">Setting (ft.)</th> <th rowspan="2">Gage Casting Screen</th> </tr> <tr> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>N</td> <td>SDR17</td> <td>0</td> <td>380</td> <td></td> </tr> <tr> <td>2 1/2</td> <td>N</td> <td>GALVANIZED</td> <td>374</td> <td>380</td> <td></td> </tr> <tr> <td>2 1/2</td> <td>N</td> <td>PVC SCREENS</td> <td>380</td> <td>390</td> <td>.014</td> </tr> <tr> <td>2 1/2</td> <td>N</td> <td>PVC SCREENS</td> <td>390</td> <td>400</td> <td>.016</td> </tr> </tbody> </table>				Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casting Screen	From	To	5	N	SDR17	0	380		2 1/2	N	GALVANIZED	374	380		2 1/2	N	PVC SCREENS	380	390	.014	2 1/2	N	PVC SCREENS	390	400	.016
Dia. (in.)	New or Used								Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casting Screen																									
						From	To																														
5	N					SDR17	0	380																													
2 1/2	N					GALVANIZED	374	380																													
2 1/2	N					PVC SCREENS	380	390	.014																												
2 1/2	N					PVC SCREENS	390	400	.016																												
18 27	27					SURFACE SAND																															
27 33	33					CLAY																															
33 44	44					SAND																															
44 53	53					CLAY																															
53 64	64					SAND																															
64 88	88					CLAY																															
88 115	115	SAND																																			
115 185	185	CLAY																																			
185 197	197	SAND																																			
197 220	220	CLAY																																			
220 246	246	SAND																																			
246 268	268	CLAY																																			
268 279	279	SAND																																			
279 370	370	CLAY																																			
370 400	400	SAND																																			
(Use reverse side of Well Owner's copy, if necessary)		9) CEMENTING DATA [Rule 338.44(1)] Cemented from <u>0</u> ft. to <u>15</u> ft. No. of sacks used <u>10</u> <u>280</u> ft. to <u>380</u> ft. No. of sacks used <u>10</u> Method used <u>Halliburton / Trimm</u> Cemented by <u>BUSSELL + SON INC.</u> Distance to septic system field lines or other concentrated contamination _____ ft. Method of verification of above distance _____																																			
13) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder Other _____ Depth to pump bowls, cylinder, jet, etc., _____ ft.		10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Slab Installed [Rule 338.44(2)(A)] <input type="checkbox"/> Specified Steel Sleeve Installed [Rule 338.44(3)(A)] <input checked="" type="checkbox"/> Fitness Adapter Used [Rule 338.44(3)(b)] <input type="checkbox"/> Approved Alternative Procedure Used [Rule 338.71]																																			
14) WELL TESTS: Type test: <input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Jetted <input type="checkbox"/> Estimated Yield: <u>150</u> gpm with _____ ft. drawdown after _____ hrs.		11) WATER LEVEL: Static level <u>219</u> ft. below land surface Date <u>10/23/96</u> Artesian flow _____ gpm. Date _____																																			
15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		12) PACKERS: Type Depth <u>K-PACKER</u> <u>375</u>																																			
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.																																					
COMPANY NAME <u>BUSSELL + SON INC</u> (Type or print)		WELL DRILLER'S LICENSE NO. <u>2035</u>																																			
ADDRESS <u>P O Box 874</u> (Street or RFD) <u>Tomball</u> (City) <u>TX</u> (State) <u>77377-0874</u> (Zip)																																					
(Signed) <u>Craig Buswell</u> (Licensed Well Driller)		(Signed) _____ (Registered Driller Trainee)																																			
Please attach electric log, chemical analysis, and other pertinent information, if available.																																					

NRCC-0199 (Rev. 05-21-96)

White - TNRCC

Yellow - DRILLER

Pink - WELL OWNER



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WATER UTILITY DATABASE (WUD)

MAP ID# 387 Distance from Property: 4.66 mi. SSW

PWSID: 1010013
SOURCE ID: G1010013AY
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1954
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.389442440
LATITUDE: 29.700277330

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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WATER UTILITY DATABASE (WUD)

MAP ID# 388 Distance from Property: 4.66 mi. SSW

PWSID: 1010013
SOURCE ID: G1010013PJ
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 09/25/1939
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.382774350
LATITUDE: 29.697500230

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 388 Distance from Property: 4.66 mi. SSW

STATE ID: 65-21-606
OWNER'S NAME: CITY OF HOUSTON SOUTHLAND
DATE DRILLED: 09/25/1939
DEPTH DRILLED: 505'
WATER USAGE: UNUSED
LONGITUDE: -95.383001000
LATITUDE: 29.697724000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521606/6521606.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-21-606

TEXAS WATER DEVELOPMENT BOARD WELL SCHEDULE

State Well Number - 65 21 606 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 41 51 Longitude - 95 22 58 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston Southland Driller - McMasters & pomerooy

Address _____ Tenant/Oper. _____

Date Drilled - 09/25/1939 Depth - 505 ft. Source of Depth - D Altitude - 50 ft. Source of Alt. - M
Aquifer - 112CHCTL CHICOT AQUIFER, LOWER Well Type - W User - 396200

WELL Const. Casing Material - _____
CONSTRUCTION Method - _____ Screen _____
Completion - _____ Material - _____

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages _____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - _____ Horsepower - _____

YIELD Flow- _____ GPM Pump- _____ GPM Meas., Rept., Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM

Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft

QUALITY (Remarks- _____)

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- _____ Other Data- _____

WATER LEVELS Date- / / Measurement- _____
Date- / / Measurement- _____

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY

REMARKS - _____

Aquifer - 112CHCTL
Well No. - 65 21 606



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 389 Distance from Property: 4.67 mi. NW

WELL ID: 1060
OWNERS NAME: HOUSTON, CITY OF
YEAR DRILLED: 1936
DEPTH DRILLED: 1232'
STATIC LEVEL: 581'
WATER USAGE: PUBLIC SUPPLY
WELL STATUS: PLUGGED
LONGITUDE: -95.405761000
LATITUDE: 29.810239000
SOURCE: HGSD



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 389 Distance from Property: 4.67 mi. NW

STATE ID: 65-13-626
OWNER'S NAME: CITY OF HOUSTON, HEIGHTS, WELL #6A
DATE DRILLED: 03/00/1982
DEPTH DRILLED: 1231'
WATER USAGE: PUBLIC SUPPLY
LONGITUDE: -95.405750000
LATITUDE: 29.810240000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513626/6513626.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 4
State ID: 65-13-626

TEXAS DEPARTMENT OF WATER RESOURCES
WELL SCHEDULE

Aquifer(s) Evangelina Project No. _____ State Well No. 65-13-626
Field No./Owner's Well No. 6A County HARRIS

1. Location: _____ #, _____ #, Section _____, Block _____, Survey _____, Lat. _____, Long. _____

2. Owner: City of Houston Address: _____
Tenant (other): Heights Address: _____
Driller: Layne Western Address: _____

3. Land Surface Elevation: 68 ft. above msl determined by _____

4. Drilled: 4 19 82; Dug, Cable Tool Rotary Air, _____

5. Depth: Rept. 1455 ft. Meas. _____ ft.

6. Borehole Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed

7. Pump: Mfr. _____ Type T
No. Stages _____, Bowls Diam. _____ in., Setting 580 ft.
Column Diam. _____ in., Length Tallpipe _____ ft.

8. Motor: Mfr. _____ Fuel E HP. _____

9. Yield: Flow _____ gpm, Pump _____ gpm, Meas., Rept., Est. _____ Date _____

10. Performance Test: Date 6/82 Length of Test 2 days Made by LW
Static Level 400 ft. Pumping Level 456 ft. Drawdown _____ ft.
Production 2000 gpm Specific Capacity _____ gpm/ft.

11. Quality: (Remarks on taste, odor, color, etc.) _____

Analyses

Date _____ Laboratory _____ TDS _____ Sp Cond _____

Date _____ Laboratory _____ TDS _____ Sp Cond _____

12. Other data available (as circled): Pumping Test, Power & Yield Test Drillers Log
Formation Samples, Geophysical Log(s) _____ (type)

13. Water Level(s): 391.00 ft. 1/10 19 83 above _____ ft. above Land Surface
_____ ft. _____ below _____ ft. above Land Surface

14. Use: Dom., Stock, Public Supply, Ind., Irr., Observation, Other (Test Hole, Oil Test, etc.) _____

15. Recorded by: _____ Source of data: _____ Date: _____

16. Remarks: _____

17. Location or Sketch: _____

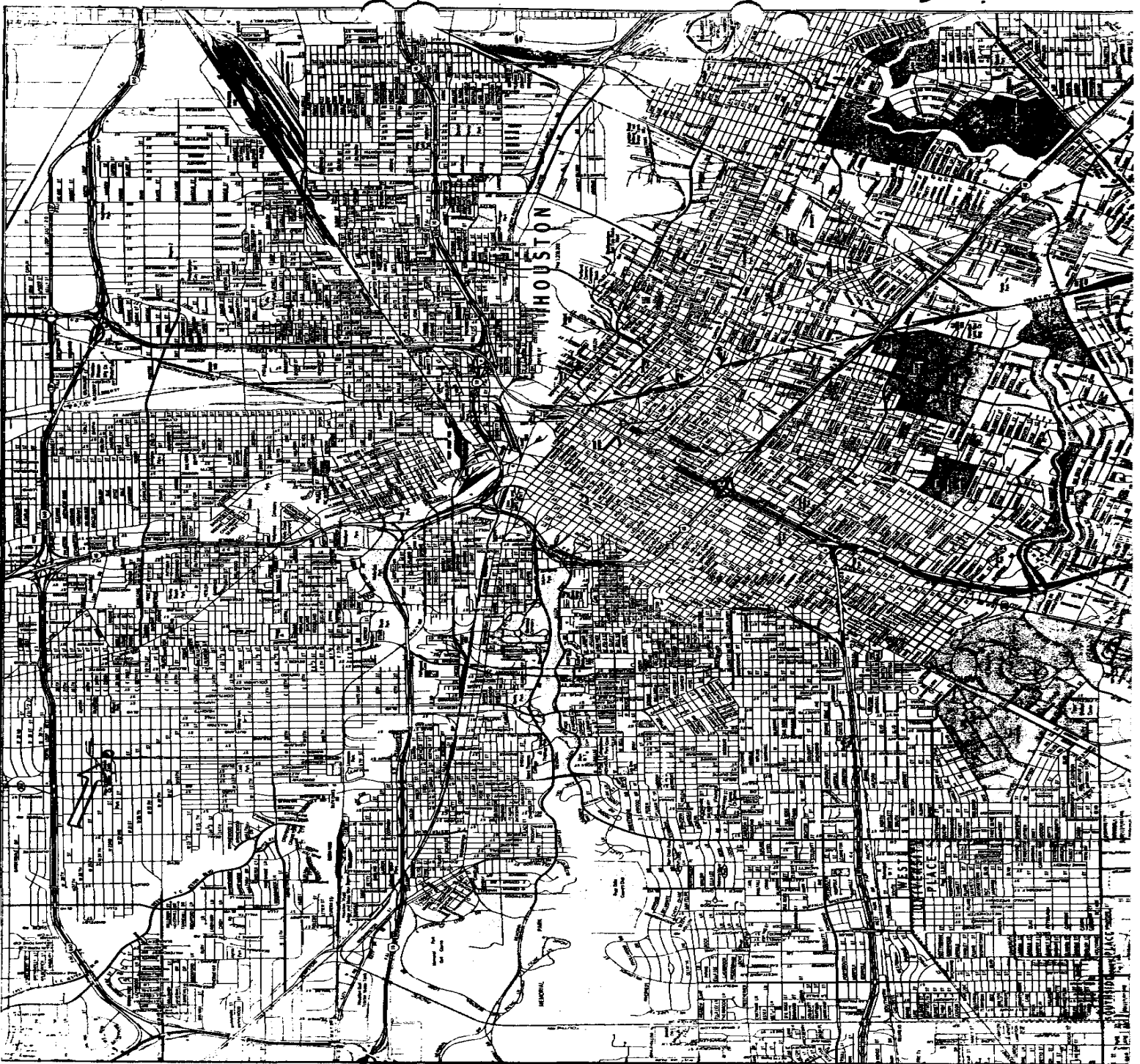
CASING, BLANK PIPE & WELL SCREEN Cemented From <u>0</u> ft. to <u>665</u> ft.			
Diam. (in.)	Type	Setting (feet)	
		From	to
24	Steel	0	655
18	Steel	555	665
18	screen	665	818
14	steel	818	860
14	screen	860	1440
14	steel	1440	1455

TDWR-0308

W/L Obs. Well _____ W/Q Obs. Well _____
State Well No. 65-13-626

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 4
State ID: 65-13-626



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 3 out of 4
State ID: 65-13-626

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

**State of Texas
WATER WELL REPORT**

For TDWR use only
Well No. 65-13-626
Located on map YES
Received: C.F.S.

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER City of Houston Address P. O. Box 1562 Houston Texas 77001
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 4 miles in N.N.W. direction from City Hall
(N.E., S.W., etc.) (Town)

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
 See attached map. 50' N. of Heights No. 6, Well No. 65-13-605

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Public Supply Irrigation Test Well Other

5) DRILLING METHOD (Check): Mud Rotary Air Hammer Driven Bored Air Rotary Cable Tool Jetted Other

6) WELL LOG: Date drilled 4-82

DIAMETER OF HOLE			
Dis. (in.)	From (ft.)	To (ft.)	
0	Surface	2000	
30	0	655	
34	655	1455	

7) BOREHOLE COMPLETION: Open Hole Straight Wall Underreamed
 Gravel Packed Other
If Gravel Packed give interval . . . from 655 ft. to 1455 ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
24	N	Steel	0	655	.500
18	N	Steel	555	838	.375
14	N	Steel	838	1455	.375
18	N	SSWW Screen H. Smith	665	818	.035
		Net length 129'			
14	N	SSWW Screen H. Smith	860	1440	.035
		Net length 290'			

CEMENTING DATA
Cemented from 0 ft. to 655 ft.
Method used Thru drill pipe
Cemented by Halliburton
(Company or Individual)

9) WATER LEVEL: Static level 400 ft. below land surface Date 6-82
Artesian flow none gpm. Date _____

10) PACKERS: Type _____ Depth _____
None

11) TYPE PUMP: Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc., 580 ft.

12) WELL TESTS: Type Test: Pump Bailor Jetted Estimated
Yield: 2,000 gpm with 456 ft. drawdown after 48 hrs.

13) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME James O'Connor Water Well Drillers Registration No. 999
(Type or Print)

ADDRESS 5931 Brittmoores Road Houston Texas 77041
(Street or RFD) (City) (State) (Zip)

James O'Connor Layne-Western Company, Inc.
(Water Well Driller) (Company Name)

Attach electric log, chemical analysis, and other pertinent information, if available.

RECEIVED
JUN 28 1982
DEPT. OF
WATER RESOURCES

65-13-626 CB



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Layne-Western Company, Inc. A Marley Company

P.O. Box 79009 • Houston, Texas 77279 • 713/466-5001

DRILLER'S LOG

Job M-1291
Layne-Western Company, Inc.
March 1982

Page 1
Well Number - Heights 6A
City of Houston

0 - 33 - Sand and Clay	813 - Clay
33 - Clay	830 - Clay and Sand Stks.
50 - Sand	860 - Sand and Clay Stks.
57 - Clay	880 - Clay
71 - Sand	940 - Sand and Clay Stks.
74 - Clay and Sand St.	1027 - Clay
82 - Sand	1032 - Sand and Clay Stks.
86 - Clay and Sand St.	1041 - Clay
104 - Clay	1066 - Sand and Clay Stks.
120 - Sand and Clay St.	1085 - Sandy Clay
124 - Clay	1120 - Clay
132 - Sand	1130 - Sand and Clay Stks.
170 - Clay	1161 - Clay
229 - Sand	1180 - Sand and Clay with St. Hard St
238 - Clay	1200 - Clay and Sand Strk.
241 - Sand	1230 - Sand Clay Strks.
257 - Clay	1250 - Clay
281 - Sand	1343 - Sand and Clay Stk.
322 - Clay	1354 - Clay
348 - Clay	1415 - Sand
365 - Sand and Clay	1432 - Clay
380 - Clay	1682 - Sand and Clay Stk.
395 - Sand	1715 - Clay
398 - Clay	1752 - Sand and Clay Stks.
440 - Sand	1763 - Clay and Sand Stk.
448 - Clay and Sand Strks.	1787 - Clay
450 - Clay	2000 - Clay - T.D.
498 - Clay and Sand Strks.	
505 - Clay	
520 - Sand and Clay	
540 - Clay	
550 - Clay Sand Strks.	
560 - Clay	
600 - Sand	
610 - Clay and Sand Stk.	
621 - Clay	
665 - Sand	
695 - Sand and Clay	
738 - Clay	
775 - Sand	



WATER SUPPLY SERVICES

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 389 Distance from Property: 4.67 mi. NW

STATE ID: **65-13-605**
OWNER'S NAME: **CITY OF HOUSTON HEIGHTS #6**
DATE DRILLED: **00/00/1936**
DEPTH DRILLED: **1232'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.405760000**
LATITUDE: **29.810240000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513605/6513605.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 3
State ID: 65-13-605

WRD Exp. (GW)
April 1966

Well No. LT-65-13-605

WELL SCHEDULE
GEOLOGICAL SURVEY

U. S. DEPT. OF THE INTERIOR

WATER RESOURCES DIVISION

MASTER CARD

Record by CREG NAR (1941) Source of data File Date 2-16-68 Map 1:24000 Houston Heights 1955
 State Texas County (or town) Harris Sequential number: 1
 Latitude: 29 40 36 N Longitude: 095 24 19 W
 Lat-long accuracy: 1 T. S. R. W. Sec. k. l. m. n. o. p. q. r. s. t. u. v. w. x. y. z. B & H
 well number: LT-65-13-605 Other number: #6 1410
 Local use: _____ Owner of name: City of Houston
 Owner or name: CITY OF HOUSTON Address: Heights Plant.
 Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist _____
 Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Mad, Ind, P E, Rec, _____
 Water: Stock, Instit, Unused, Recharge, Desal-P S, Desal-other, Other abd. 1974
 Use of Well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed _____
 DATA AVAILABLE: Well data 6 Freq. W/L meas.: Annual Field aquifer char. _____
 Hyd. lab. data: _____
 Qual. water data: type: _____
 Freq. sampling: 5-8-39 Pumpage inventory: _____
 Aperture cards: _____
 Log data: E log T-12 D-LOG

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1232 ft. Meas. Driller
 Depth cased: 581 ft. Casing type: S : Diam. 25-13 in.
 Finish: porous concrete, gravel w. (parf.), gravel w. (screen), horiz. open perf., screen, sd. pt., shored, open hole, other _____
 Method (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) _____
 Drilled: rot. Date Drilled: 1936 Pump intake setting: _____ ft.
 Driller: Loyne Texas Co. Houston, Texas
 Life (type): (A) (B) (C) (J) multiple, multiple, (N) nose, piston, rot, submerg, curb, other _____
 Power (type): diesel, gas, gasoline, hand, gas, wind; H.P. 150 Trans. or meter no. _____
 Descrip. MF _____ ft above _____ ft below LSD. Alt. MF _____
 Alt. LSD: 68 Accuracy: (source) Topo 5'
 Water Level 67.0 ft above _____ ft below LSD Accuracy: driller Method D
 Date meas: Oct. 27, 1936 Yield: 2595 gpm _____ Method determined
 Drawdown: 68 ft Accuracy: rept. Pumping period _____ hrs.
 QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____
 Sp. Conduct _____ x 10⁶ Temp. _____ Date sampled _____
 Taste, color, etc. _____

P2 13425
67.0
67.0

Well No. LT-65-13-605

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 3
State ID: 65-13-605

Well No. LJ-65-13-605

Latitude-Longitude 29, 48, 36 095, 24, 19.1

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: Coastal Plain Section: 03

Drainage Basin: F Subbasin: 51P

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system 7 series 3 aquifer, formation, group E

Lithology: 3 Origin: 3 Aquifer Thickness: 3 ft

Length of well open to: 326 ft Depth to top of: 326 ft

MINOR AQUIFER: system 4 series 4 aquifer, formation, group 4

Lithology: 4 Origin: 4 Aquifer Thickness: 4 ft

Length of well open to: 4 ft Depth to top of: 4 ft

Intervals Screened: * 581-1226

Depth to consolidated rock: 40 ft Source of data: 44

Depth to basement: 45 ft Source of data: 49

Surficial material: 70-71 Infiltration characteristics: 72

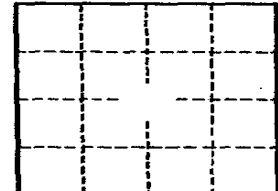
Coefficient Trans: 73 spd/ft 73 Coefficient Storage: 74

Coefficient Perm: 75 spd/ft² Spec cap: 75 Number of geologic cards: 79

* SCREEN
581-616 35
660-695 35
746-817 51
866-887 21
977-1029 52
1062-1151 89
1183-1226 43

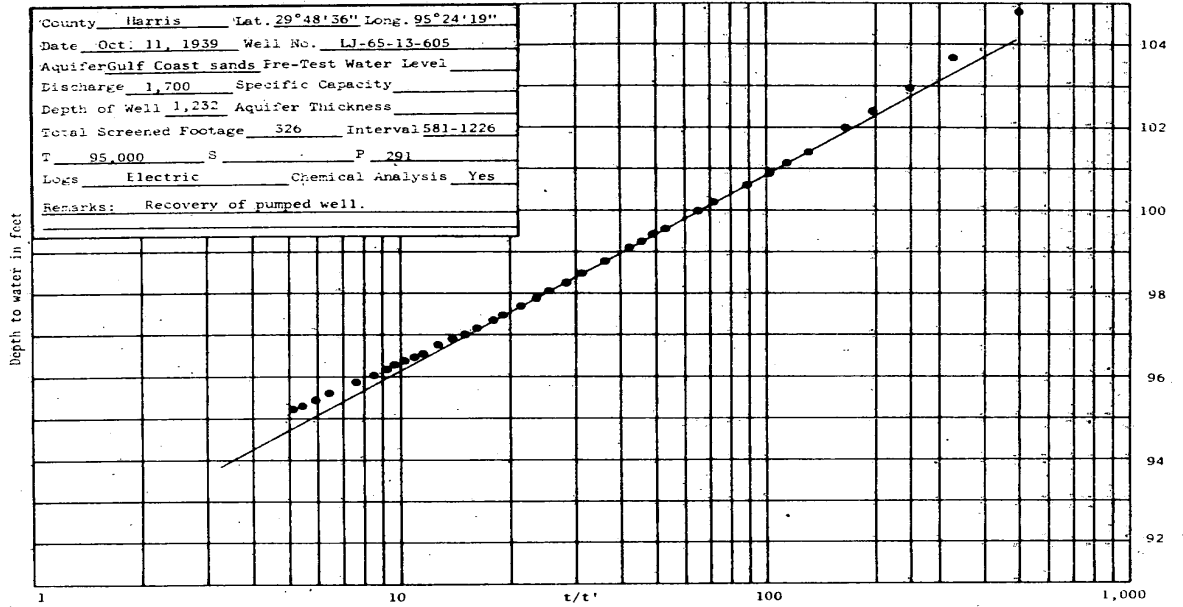
Production 1941
4.0 MGD.

456' of 25" csg
776' of 13" csg



Well No. LJ-65-13-605

GPO 857-700



WATER UTILITY DATABASE (WUD)

MAP ID# 389 Distance from Property: 4.67 mi. NW

PWSID: 1010013
SOURCE ID: G1010013GX
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 09/18/1936
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.405555730
LATITUDE: 29.809722900

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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WATER UTILITY DATABASE (WUD)

MAP ID# 389 Distance from Property: 4.67 mi. NW

PWSID: 1010013
SOURCE ID: G1010013P
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 03/00/1982
SCREEN BOTTOM: 1,231.00'
SCREEN TOP: 668.00'

GALLONS
PER MINUTE: 2,219
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.405769350
LATITUDE: 29.810289380

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 389 Distance from Property: 4.67 mi. NW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294836095241901**

STATION NAME: **LJ-65-13-605**

SITE TYPE: **GW**

LATITUDE: **29.810243000** LONGITUDE: **-95.405765000**

DATE DRILLED: **01/01/1936**

WELL DEPTH: **1232 feet**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 389 Distance from Property: 4.67 mi. NW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294836095241902**

STATION NAME: **LJ-65-13-626**

SITE TYPE: **GW**

LATITUDE: **29.810240000** LONGITUDE: **-95.405750000**

DATE DRILLED: **04/01/1982**

WELL DEPTH: **1455 feet**

HOLE DEPTH: **1455 feet**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 389 Distance from Property: 4.67 mi. NW

WELL ID: 3706
OWNERS NAME: HOUSTON, CITY OF
YEAR DRILLED: 1990
DEPTH DRILLED: 2000'
STATIC LEVEL: 702'
WATER USAGE: PUBLIC SUPPLY
WELL STATUS: PLUGGED
LONGITUDE: -95.405758000
LATITUDE: 29.810245000
SOURCE: HGSD



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 390 Distance from Property: 4.67 mi. NW

STATE ID: **65-13-612**

OWNER'S NAME: **ORIENTAL TEXTILE MILLS**

DATE DRILLED: **00/00/1909**

DEPTH DRILLED: **800'**

WATER USAGE: **PLUGGED OR DESTROYED**

LONGITUDE: **-95.409200000**

LATITUDE: **29.807330000**

SOURCE: **TWDB**

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6513612/6513612.pdf>



www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

WATER UTILITY DATABASE (WUD)

MAP ID# 391 Distance from Property: 4.68 mi. NNW

PWSID: 1010013
SOURCE ID: G1010013OH
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 05/00/1941
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.370552060
LATITUDE: 29.826110840

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 391 Distance from Property: 4.68 mi. NNW

STATE ID: **65-14-424**
OWNER'S NAME: **CITY OF HOUSTON OAKWOOD**
DATE DRILLED: **05/00/1941**
DEPTH DRILLED: **753'**
WATER USAGE: **UNUSED**
LONGITUDE: **-95.370768000**
LATITUDE: **29.826337000**
SOURCE: **TWDB**
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514424/6514424.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-424

TEXAS WATER DEVELOPMENT BOARD WELL SCHEDULE

State Well Number - 65 14 424 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 49 34 Longitude - 95 22 14 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston Driller - McMasters & Pomeroy
Oakwood

Address _____ Tenant/Oper. _____

Date Drilled - 05/ /1941 Depth - 753 ft. Source of Depth - R Altitude - 69 ft. Source of Alt. - M
Aquifer - 112CEVG CHICOT AND EVANGELINE AQUIFERS Well Type - W User - 396200

WELL Const. Casing Material - _____ | Casing or Blank Pipe (C)
CONSTRUCTION Method - _____ | Screen _____ | Well Screen or Slotted Zone (S)
Completion - _____ | Material - _____ | Open Hole (O)

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages _____ | Cemented from _____ to _____
Diam. Setting(feet) (in.) From To

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - _____ Horsepower - _____

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM

Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft

QUALITY (Remarks- _____)

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILABLE Water Levels- N Quality- N Logs- Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CEVG
Well No. - 65 14 424



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 392 Distance from Property: 4.68 mi. NNE

STATE ID: 65-14-402
OWNER'S NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1949
DEPTH DRILLED: 1901'
WATER USAGE: PLUGGED OR DESTROYED
LONGITUDE: -95.333120000
LATITUDE: 29.825870000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514402/6514402.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 3
State ID: 65-14-402

WRD Exp. (GW)
April 1966

Well No. LT-65-14-402

WELL SCHEDULE

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION 3

U. S. DEPT. OF THE INTERIOR

MASTER CARD (F. BROWN)
Record by P. R. A. (3-10-68) of data FILES Date 2-20-68 Map Settlers 1955
Source R.K.G (7-11-63) 1:24000

State Texas County Harris 48 LJ

Latitude: 23 49 3 2 N Longitude: 09 52 00 6 Sequential number: 1

Local well number: LT-65-14-402 Other number: NORTHEAST 7

Local use: _____ Owner or name: CITY OF HOUSTON

Owner or name: CITY OF HOUSTON Address: _____

Ownership: County (C) Fed Gov't (F) City (U) Corp or Co. (N) Private (P) State Agency (S) Water Dist (W) M

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Mad, Ind, P.S., Rec, Stock, Instit, Unusad, Reprasure, Recharge, Desal-P.S., Desal-other, Other P

Use of well: Anoda, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed W

DATA AVAILABLE: Well data 1 Freq. W/L meas.: Annual A Field aquifer char. 72

Hvd. lab. data: 73

Qual. water data: type: 74

Freq. sampling: 12-13-49 I Pumpage inventory: yes 76 no: period: 77

Aperture cards: 78

Log data: E-LOG U-13 E

WELL-DESCRIPTION CARD

DEPTH WELL: 1901 ft 1901 Meas. DRILLER 24 3

Depth cased: 1001 ft 1001 Casing type: S 25 Dia: 24-1/2 in 26 4

Finish: porous concrete, gravel w. gravel, horis. gallery, end, (perf.), (screen), (open), (end), (P), (S), (T), (N), (X), (B) 27 9

Method: air bored, cable, dug, hyd, jetted, air, reverse trenching, driven, drive, rot, percussive, rotary, wash, other 28 4

Date drilled: 1949 29 949 Pump intake setting: _____ ft 30 38

Driller: LAYNE-TEXAS CO., HOUSTON, TEXAS

Lift (type): (A) (B) (C) (J) multiple, multiple, nose, piston, rot, submerg, (T) (S) (B) 31 7 D Deep 32 Shallow 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 33 5 TRANS. OF WATER NO. 41

Descrip. MP _____ ft above LSD. Alt. MP 61 42

Alt. LSD: 61 43 61 Accuracy: 5' 44 3

Water Level: 153.11 ft above MP; 153 ft below LSD Accuracy: MEAS. 45 A

Date meas: 12-13-49 46 049 Yield: 261.0 gpm 47 2610 Method 48 6

Drawdown: 50 ft 49 50 Accuracy: MEAS. 50 96 Pumping period: 96 hrs 51 96

QUALITY OF WATER DATA: Iron _____ ppm 52 Sulfate _____ ppm 53 Chloride _____ ppm 54 Hard. _____ ppm 55

Sp. Conduct _____ K x 10⁶ 56 Temp. _____ °F 57 Date sampled 58 59

Taste, color, etc. 60

PL 202.95
153.11
49.84

Well No. LT-65-14-402

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 3
State ID: 65-14-402

Well No. LJ-65-14-402

Latitude-longitude 29.49.32 095.30.06

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: COASTAL PLAINS Section: 03

Drainage Basin: F Subbasin: S11R

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system 7 series 38 aquifer, formation, group E Aquifer Thickness: 30 ft

Lithology: 32 Origin: 34

Length of well open to: 417 ft Depth to top of: 417 ft

MINOR AQUIFER: system 44 series 45 aquifer, formation, group 46 Aquifer Thickness: 47 ft

Lithology: 48 Origin: 50

Length of well open to: 51 ft Depth to top of: 53 ft

* Intervals Screened: 1001-1133, 1223-1223, 1304-1338, 1414-1460, 1585-1620, 1690-1730

Depth to consolidated rock: 60 ft Source of data: 64

Depth to basement: 65 ft Source of data: 69

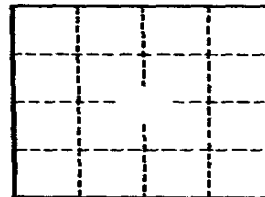
Surficial material: 70 Infiltration characteristics: 73

Coefficient of storage: 75 Coefficient of permeability: 76

Perm: spd/ft²; Spec cap: spm/ft; Number of geologic cards: 79

* SCREENS:
1150-1770
1840-1880

601' of 24" csg.
12 3/4 from 495 to 1701

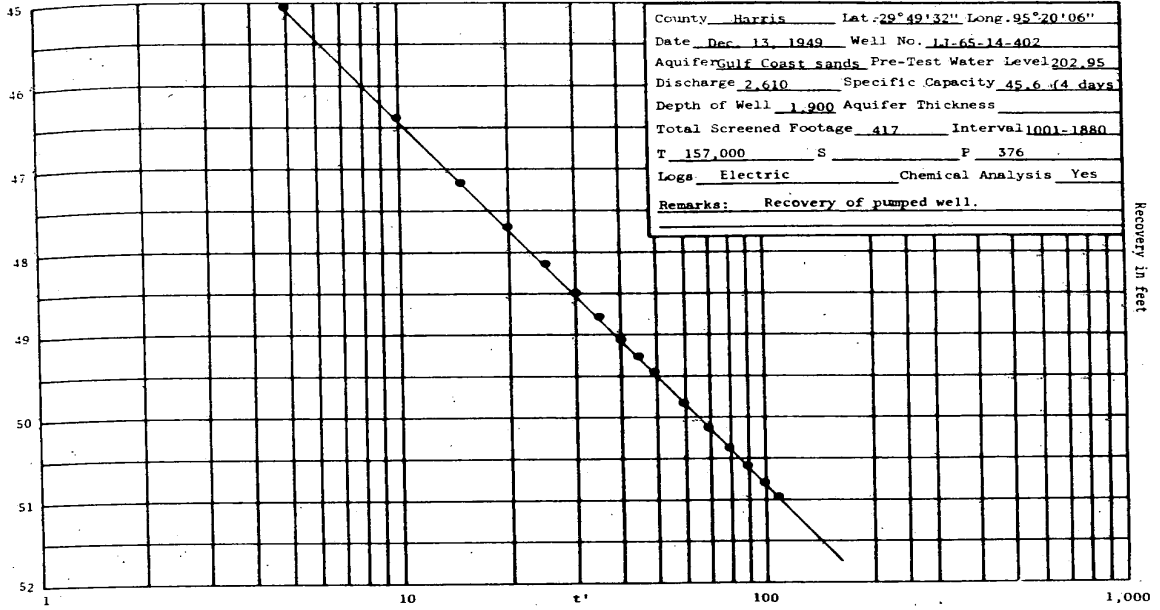


Well No. LJ-65-14-402

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 3 out of 3
 State ID: 65-14-402



WATER UTILITY DATABASE (WUD)

MAP ID# 392 Distance from Property: 4.68 mi. NNE

PWSID: 1010013
SOURCE ID: G1010013AL
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 10/25/1949
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.333335880
LATITUDE: 29.825834270

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 392 Distance from Property: 4.68 mi. NNE

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294932095200601**

STATION NAME: **LJ-65-14-402**

SITE TYPE: **GW**

LATITUDE: **29.825881000** LONGITUDE: **-95.333118000**

DATE DRILLED: **01/01/1949**

WELL DEPTH: **1901 feet**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 392 Distance from Property: 4.68 mi. NNE

WELL ID: **1088**
OWNERS NAME: **HOUSTON, CITY OF**
YEAR DRILLED: **1949**
DEPTH DRILLED: **1901'**
STATIC LEVEL: **999'**
WATER USAGE: **PUBLIC SUPPLY**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.333118000**
LATITUDE: **29.825881000**
SOURCE: **HGSD**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 393 Distance from Property: 4.68 mi. WSW

WELL ID: 2410
OWNERS NAME: WEST UNIVERSITY PLACE, CITY OF
YEAR DRILLED: 1949
DEPTH DRILLED: 1700'
STATIC LEVEL: 999'
WATER USAGE: PUBLIC SUPPLY
WELL STATUS: PLUGGED
LONGITUDE: -95.422450000
LATITUDE: 29.728560000
SOURCE: HGSD



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 393 Distance from Property: 4.68 mi. WSW

STATE ID: 65-21-233
OWNER'S NAME: CITY OF WEST UNIVER- SITY PLACEWELL #9
DATE DRILLED: 07/25/1984
DEPTH DRILLED: 1400'
WATER USAGE: PUBLIC SUPPLY
LONGITUDE: -95.422450000
LATITUDE: 29.728560000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521233/6521233.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 6
State ID: 65-21-233

Please use black ink.
Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas WATER WELL REPORT

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER City of West University (Name) 20 Laustard Blvd (Address) 1450 W. Baker Dr. No. 9211A (Street or RFD) Houston TX 77043 (City) TX 77043 (State) (Zip)

2) LOCATION OF WELL: Harris (County) miles in _____ direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Section Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map.

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Public Supply Irrigation Test Well Other _____

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored Air Rotary Cable Tool Jetted Other _____

6) WELL LOG:
Well #9 (Name)
Date drilled 7/25/84

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
24	Surface	Sur
30	Sur	1400 TD

From (ft.)	To (ft.)	Description and color of formation material
		<u>See attached Well log</u>
		<u>Chem Analysis</u>
		<u>E-log</u>
		<u>12" N 85W W Boring Screen 140 - 145 035</u>
		<u>942-962 ?</u>
		<u>975 1005 ?</u>
		<u>1035 1050 ?</u>
		<u>1070 1100 ?</u>
		<u>1175 1215 ?</u>
		<u>1215 1275 ?</u>
		<u>1295 1305 ?</u>
		<u>1315 1340 ?</u>
		<u>1350 1360 ?</u>

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
If Gravel Packed give interval ... from Sur ft. to 1400 TD ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
20	N	Blank Steel Cas	74	Sur	
14	N	Blank Steel Cas	700	R29	
12	N	JTW W Boring Screen	110	R30	035
			160	R70	

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from Sur ft. to Sur ft.
Method used Hullibrator
Cemented by Hullibrator

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 371 ft. below land surface Date 2/21/85
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc., 417 ft.

14) WELL TESTS:
Type Test: Pump Bailor Jetted Estimated
Yield: 655 gpm with R3 ft. drawdown after 12 hrs.

RECEIVED

ESP 11 1985

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata? _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Lynn Thompson (Type or Print) Water Well Driller's License No. 2A
ADDRESS 608 W. 4th (Street) Houston TX 77261 (City) TX 77261 (State) (Zip)
Signed Lynn Thompson (Signature) (Signed) Lynn Thompson (Registered Driller Trainee)
Please attach electric log, chemical analysis, and other pertinent information, if available.

DEPARTMENT OF WATER RESOURCES COPY

For TDWR use only
Well No. 65-21-233
Located on map Yes DLF

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 3 out of 6

State ID: 65-21-233

LAYNE TEXAS COMPANY,
HOUSTON --- DALLAS

S. O. 21024-1009
PAGE 1 of 2
FILE NO. 4143
DATE 7-25-84

WELL LOG

CUSTOMER LOCATION		WELL DATA	
FOR	City of West University Place	NAME WELL	WELL NO. 9
LOCATION WELL	Wakefield & Milford Sts. <i>Wake Forest</i>	ELEVATION	DATUM
SURVEY	FIELD	RT	GR
COUNTY	Harris	STATE	Texas
OTHER LAND MARKS		TEST HOLE SIZE	9 7/8"
		DATE STARTED DRILLING	7/18/84
		DATE FINISHED DRILLING	7/25/84
		DRILLER	H. Thompson
		TYPE MUD	Gel
		ELECTRIC LOG	Yes
		SURVEY	Eastman
		OTHER	
		RIG NO.	7
		NO. SACKS	27
		TYPE	GO
		TYPE	Singleshot

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES		
			DEPTH	TYPE	NUMBER
0		Surface			
3	3	Fill and top soil			
4	1	Clay			
8	4	Sandy clay, sand stks.			
14	6	Sand, clay stks.			
19	5	Clay, sand stks.			
22	3	Sand			
28	6	Clay			
30	2	Sandy clay			
60	30	Clay			
102	42	Clay, sandy clay stks.			
133	31	Clay			
187	54	Clay, sandy clay stks.			
190	3	Sand, sandy clay			
210	20	Clay, lime stks.			
219	9	Clay, sandy clay			
233	14	Clay, lime stks.			
240	7	Sand, clay stks.			
297	57	Sand, lime and clay stks.			
303	6	Clay, lime stks.			
322	19	Clay, sandy stks.			
338	16	Sandy clay, lime stks.			
385	47	Sand, gravel stks.			
438	53	Clay			
441	3	Sand			
451	10	Clay, sandy clay			
486	35	Clay, sandy clay stks.			
495	9	Sand, lime stks.			
498	3	Sandy clay			
520	22	Sand			
540	20	Clay			
560	20	Sand			
575	15	Clay			
581	6	Sand, gravel			
585	4	Lime, sand stks.			
608	23	Lime, sand, clay			
610	2	Clay, lime			
632	22	Sand, lime, clay			
650	18	Clay, sandy clay, lime			
674	24	Sand			

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 4 out of 6

State ID: 65-21-233

LAYNE TEXAS COMPANY,
HOUSTON DALLAS

S. O. 1102-2559
PAGE 2 of 2
FILE NO. 4143
DATE 7-25-84

WELL LOG

CUSTOMER LOCATION		WELL DATA		
FOR	City of West University Place	NAME WELL	WELL NO.	
LOCATION WELL	Wakefield & Milford Sts. <i>Wakefield</i>	ELEVATION	DATUM	
SURVEY	FIELD	RT	C	GR
COUNTY	STATE	TEST HOLE SIZE	TD	
OTHER LAND MARKS		DATE STARTED DRILLING	DATE FINISHED DRILLING	
		DRILLER	RIG NO.	
		TYPE MUD	NO. SACKS	
		ELECTRIC LOG	TYPE	
		SURVEY	TYPE	
		OTHER		

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES		
			DEPTH	TYPE	NUMBER
749	75	Lime, sandy clay, sand			
771	22	Clay, lime stks.			
796	25	Clay, sandy clay, lime stks.			
806	10	Sand, clay stks.			
815	9	Clay, lime stks.			
839	24	Sand, clay, lime stks.			
840	1	Hark lime			
844	4	Sand, lime stks.			
861	17	Clay, lime stks.			
869	8	Clay, sandy clay			
880	11	Sand, clay, lime stks.			
891	11	Clay, sandy clay			
900	9	Sand, clay stks.			
921	21	Clay, sandy clay			
926	5	Sandy clay, clay stks.			
941	15	Sand, clay stks.			
956	15	Clay, sandy clay			
976	20	Sand			
978	2	Clay			
984	6	Clay, sandy clay, sand stks.			
1002	18	Sand, clay stks.			
1013	11	Sand			
1016	3	Clay, lime stks.			
1049	33	Clay			
1061	12	Sand, lime stks.			
1077	16	Clay			
1081	4	Clay, sandy clay			
1106	25	Sand			
1185	79	Clay			
1228	43	Sand, lime stks.			
1242	14	Sandy clay, lime stks.			
1262	20	Clay, few sand stks.			
1267	5	Sandy clay, sand stks.			
1285	18	Sand, clay stks., lime			
1321	36	Clay			
1331	10	Sandy clay, sand stks.			
1350	19	Sand, lime, clay			
1360	10	Clay			
1390	30	Sand, clay stks.			
1397	7	Clay, sandy clay			



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 5 out of 6
State ID: 65-21-233

EDNA WOOD LABORATORIES, INC.
WATER TECHNOLOGISTS . . . CHEMISTS . . . MICROBIOLOGISTS

28 February 1985

To: Layne Texas Company
P. O. Box 9469
Houston, Texas 77261

SO #1102-2559

Sample marked: Well No. 9 - Sample #1, City of W. U. - Harris County, Texas.
Taken after 12 hrs pumping at 1,535 gpm - turbine pump.
Pumping level: 380.57 - Screened: 810' - 1380'. Temp. 80°F
Appearance: Clear, no sand By: H. Thompson.

Received: 2-26-85

WATER ANALYSIS
results in parts per million (mg/l) except as noted

Dissolved Residue at 350° C	273	Conductance, micromhos/cm, 25°C	470
Total Dissolved Solids, actual†	396	Color, units	0
Total Dissolved Solids, calc.	403	Turbidity, units	0.23
Silica SiO ₂	21	As Calcium Carbonate, CaCO ₃ :	
Calcium Ca	30	Phenolphthalein Alkalinity	0
Magnesium Mg	5	Total Alkalinity	198
Sodium (diff.) Na + K as Na	69	Total Hardness	96
Carbonate CO ₃	0	Free Carbon Dioxide CO ₂	5.6
Bicarbonate HCO ₃	242	pH . . . 7.82 at 20.5°C	
Sulfate SO ₄	6	HYPOTHETICAL COMBINATIONS	
Chloride Cl	30		
Total Fluoride F	0.4		
Total Nitrate NO ₃	< 0.4		
Total Manganese* Mn	0.01		
Total Iron* Fe	0.04		
Iron, filtered sample Fe	-		

†Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO₃) ion

EDNA WOOD LABORATORIES, INC.

3184
slp

By: *Alice Perry*
Alice Perry, Supervising Chemist
65 21 233

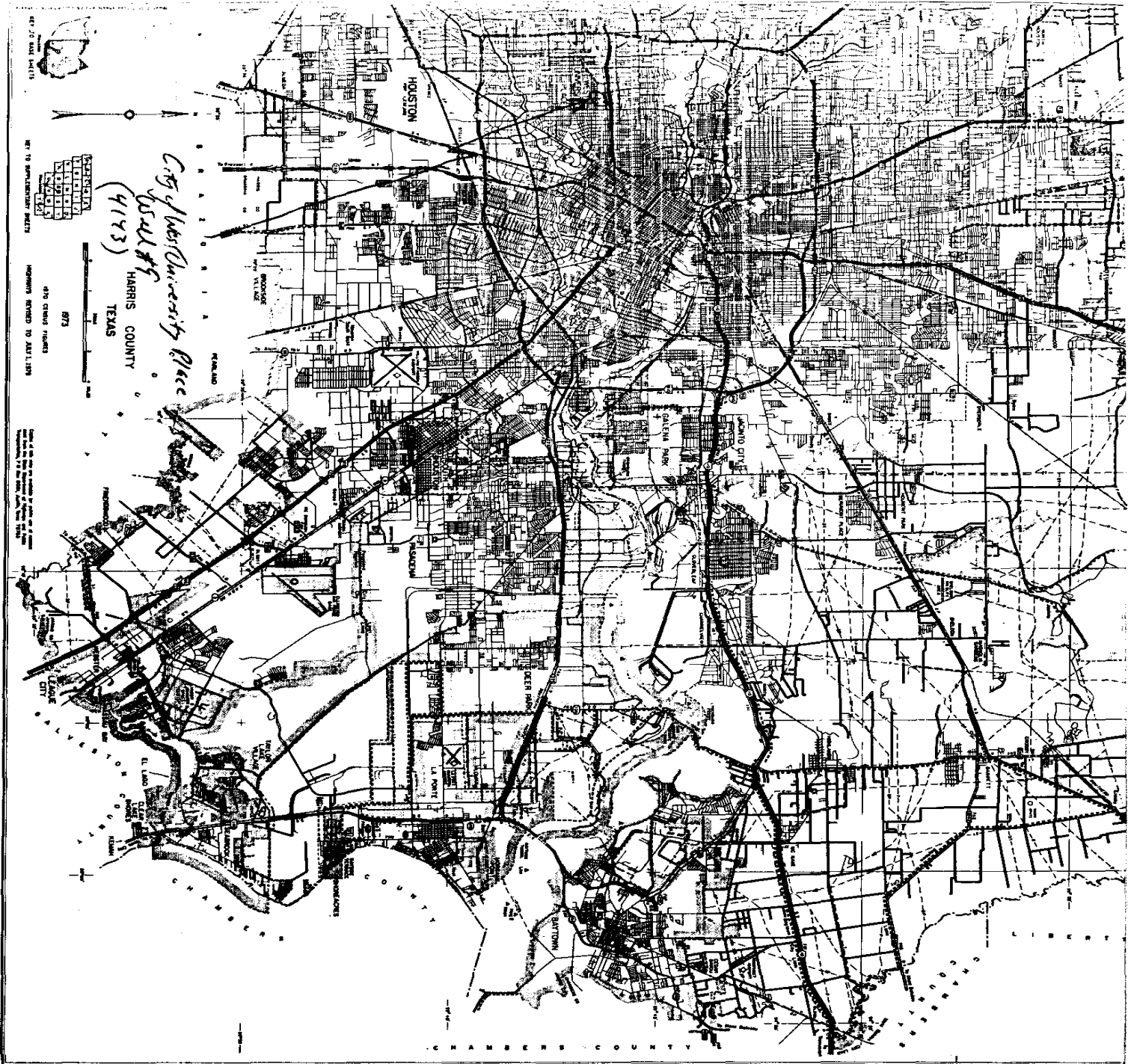
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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 6 out of 6
State ID: 65-21-233



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 393 Distance from Property: 4.68 mi. WSW

STATE ID: 65-21-203
OWNER'S NAME: CITY OF WEST UNIVERSITY PLACE
DATE DRILLED: 00/00/1949
DEPTH DRILLED: 2007'
WATER USAGE: PUBLIC SUPPLY
LONGITUDE: -95.422450000
LATITUDE: 29.728560000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521203/6521203.pdf>



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WATER UTILITY DATABASE (WUD)

MAP ID# 393 Distance from Property: 4.68 mi. WSW

PWSID: 1010027
SOURCE ID: G1010027C
UTILITY NAME: CITY OF WEST UNIVERSITY PLACE
DATE DRILLED: 07/25/1984
SCREEN BOTTOM: 1,275.00'
SCREEN TOP: 810.00'

GALLONS
PER MINUTE: 1,700
WELL STATUS: ACTIVE
WATER USAGE: ACTIVE - PERMANENT
CCN: P0525
LONGITUDE: -95.422488890
LATITUDE: 29.728552780

OWNER'S NAME: CITY OF WEST UNIVERSITY PLACE
ADDRESS: 3800 UNIVERSITY BLVD
CITY: WEST UNIVERSITY STATE: TX ZIP CODE: 77005-2802



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 393 Distance from Property: 4.68 mi. WSW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294341095252002**

STATION NAME: **LJ-65-21-233**

SITE TYPE: **GW**

LATITUDE: **29.728560000** LONGITUDE: **-95.422450000**

DATE DRILLED: **07/25/1984**

WELL DEPTH: **1400 feet**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 393 Distance from Property: 4.68 mi. WSW

WELL ID: **3986**
OWNERS NAME: **WEST UNIVERSITY PLACE, CITY OF**
YEAR DRILLED: **1990**
DEPTH DRILLED: **1360'**
STATIC LEVEL: **800'**
WATER USAGE: **PUBLIC SUPPLY**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.422450000**
LATITUDE: **29.728560000**
SOURCE: **HGSD**



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 394 Distance from Property: 4.69 mi. WSW

ID NUMBER: TX205983
STATE ID : 65-21-2
OWNER NAME: ST. JOHN'S SCHOOL
DATE DRILLED: 01/31/1997
DEPTH DRILLED: 510'
STATIC LEVEL: 219'
WATER USAGE: IRRIGATION
LONGITUDE: -95.428943000
LATITUDE: 29.742656000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205983

Send original copy by certified return receipt requested mail

TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3087

ATTENTION OWNER: Confidentiality Privilege Notice on an reverse side of Well Owner's copy (pink)		State of Texas WELL REPORT		Texas Water Well Drillers Advisory Council MC 177 P.O. Box 13087 Austin, TX 78711-3087 512-239-0530	
1) OWNER <u>ST. JOHN'S SCHOOL</u> ADDRESS <u>2401 CLAREMONT LANE HOUSTON, TEXAS 77019-</u> <small>(Name) (Street or RFD) (City) (State) (Zip)</small>		2) ADDRESS OF WELL: County <u>HARRIS</u> <u>2401 CLAREMONT HOUSTON, TX.</u> GRID # <u>65-21-2</u> <small>(Street, RFD or other) (City) (State) (Zip)</small>		3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging	
4) PROPOSED USE (Check): <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No		5) +		6) WELL LOG: Date Drilling: Started <u>1/28</u> 19 <u>97</u> Completed <u>1/31</u> 19 <u>97</u>	
7) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____		8) Borehole Completion (Check): <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give interval ... from _____ ft. to _____ ft.		9) CEMENTING DATA [Rule 338.44(1)] Cemented from <u>0</u> ft. to <u>15</u> ft. No. of sacks used <u>10</u> <u>440</u> ft. to <u>490</u> ft. No. of sacks used <u>3</u> Method used <u>HALLIBURTON/TRIMME</u> Cemented by <u>BUSSELL & SON, INC.</u> Distance to septic system field lines or other concentrated contamination _____ ft. Method of verification of above distance _____	
10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Slab Installed [Rule 338.44(2)(A)] <input checked="" type="checkbox"/> Specified Steel Sleeve Installed [Rule 338.44(3)(A)] <input type="checkbox"/> Pitless Adapter Used [Rule 338.44(3)(b)] <input type="checkbox"/> Approved Alternative Procedure Used [Rule 338.71]		11) WATER LEVEL: Static level <u>219</u> ft. below land surface Date <u>1/31/97</u> Artesian flow _____ gpm. Date _____		12) PACKERS: Type Depth <u>(2) TWO</u> <u>K-PACKERS 4X6</u> <u>480</u>	
13) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowls, cylinder, jet, etc., _____ ft.		14) WELL TESTS: Type test: <input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Jetted <input type="checkbox"/> Estimated Yield: <u>300</u> gpm with _____ ft. drawdown after _____ hrs.		15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.					
COMPANY NAME <u>BUSSELL & SON, INC.</u> WELL DRILLER'S LICENSE NO. <u>2035</u> <small>(Type or print)</small>		ADDRESS <u>P.O. BOX 874</u> <u>TOMBALL</u> <u>TEXAS</u> <u>77377-0874</u> <small>(Street or RFD) (City) (State) (Zip)</small>			
(Signed) <u><i>raig Buswell</i></u> <small>(Licensed Well Driller)</small>		(Signed) _____ <small>(Registered Driller Trainee)</small>			
Please attach electric log, chemical analysis, and other pertinent information, if available.					

TNRCC-0199 (Rev. 05-21-96)

White - TNRCC Yellow - DRILLER Pink - WELL OWNER



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 395 Distance from Property: 4.70 mi. WSW

WELL ID: 5717
OWNERS NAME: ST. JOHNS SCHOOL
YEAR DRILLED: 1997
DEPTH DRILLED: 500'
STATIC LEVEL: 450'
WATER USAGE: OTHER
WELL STATUS: ACTIVE
LONGITUDE: -95.428207000
LATITUDE: 29.740255000
SOURCE: HGSD



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 396 Distance from Property: 4.70 mi. SW

WELL ID: 7707
OWNERS NAME: THERMAL ENERGY CORPORATION
YEAR DRILLED: 1999
DEPTH DRILLED: 500'
STATIC LEVEL: 470'
WATER USAGE: INDUSTRIAL
WELL STATUS: ACTIVE
LONGITUDE: -95.397754000
LATITUDE: 29.704107000
SOURCE: HGSD



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 396 Distance from Property: 4.70 mi. SW

WELL ID: 10137
OWNERS NAME: THERMAL ENERGY CORPORATION
YEAR DRILLED: 2008
DEPTH DRILLED: 570'
STATIC LEVEL: NOT REPORTED
WATER USAGE: INDUSTRIAL
WELL STATUS: ACTIVE
LONGITUDE: -95.397754000
LATITUDE: 29.704107000
SOURCE: HGSD



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 396 Distance from Property: 4.70 mi. SW

WELL ID: 11023
OWNERS NAME: THERMAL ENERGY CORPORATION
YEAR DRILLED: Not Reported
DEPTH DRILLED: 1500'
STATIC LEVEL: 706'
WATER USAGE: DOMESTIC/COMMERCIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.397742000
LATITUDE: 29.704102000
SOURCE: HGSD



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 396 Distance from Property: 4.70 mi. SW

STATE ID: 65-21-625
OWNER'S NAME: THERMAL ENERGY CORP
DATE DRILLED: 12/04/1984
DEPTH DRILLED: 702'
WATER USAGE: PUBLIC SUPPLY
LONGITUDE: -95.397726000
LATITUDE: 29.704094000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521625/6521625.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 6
State ID: 65-21-625

TEXAS WATER DEVELOPMENT BOARD WELL SCHEDULE

State Well Number - 65 21 625 Previous Well Number - County - Harris 201
 River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 42 14 Longitude - 95 23 48 Source of Coords - 1
 Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____
 Owner - Thermal Energy Corp Driller - Layne Texas Co.

Address _____ Tenant/Oper. _____
 Date Drilled - 12/04/1984 Depth - 702 ft. Source of Depth - D Altitude - 45 ft. Source of Alt. - M
 Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User -

WELL CONSTRUCTION Const. Method - HYDRAULIC ROTARY Casing Material - STEEL Screen Material - STAINLESS STEEL
 Completion - GRAVEL PACK W/SCREEN

LIFT DATA - Pump Mfr. _____ Type - TURBINE PUMP No. Stages _____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - _____

YIELD Flow- _____ GPM Pump- _____ GPM Meas..Rept..Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM

Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft

QUALITY (Remarks- _____)

WATER USE Primary- PUBLIC SUPPLY Secondary- _____ Tertiary- _____

OTHER DATA AVAILABLE Water Levels- M Quality- Y Logs- DIE Other Data- _____

WATER LEVELS Date- 12/19/1984 Measurement- -284.00
 Date- / / Measurement- _____

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY

REMARKS -
 Well #1. Test hole to 1001 feet.
 Cemented to 560 feet. Tested at
 1005 gpm with 107 feet drawdown
 pumping 12 hours.

		Cemented from	to	Diam. (in.)	Setting(feet) From	To
1	C	18	0		560	
2	C	12	460		568	
3	S	12	568		596	
4	S	12	620		690	
5	C	12	690		702	
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						

Aquifer - 112CHCT
Well No. - 65 21 625

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 6
State ID: 65-21-625

Please use black ink. Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Thermal Energy Corp (Name) 40 Kaye Johnson, Brookwood Houston TX 77033 (Address) (City) (State) (Zip)
2) LOCATION OF WELL: Harris County _____ miles in _____ direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map.

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Public Supply Irrigation Test Well Other _____

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored Air Rotary Cable Tool Jetted Other _____

6) WELL LOG:
Well #1
Date drilled 12/4/84

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
<u>22</u>	<u>Surface</u>	<u>460</u>
<u>30</u>		<u>702 TD</u>

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
If Gravel Packed give interval . . . from 460 ft. to 702 TD ft.

From (ft.)	To (ft.)	Description and color of formation material	8) CASING, BLANK PIPE, AND WELL SCREEN DATA:					
			Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From To	Gage Casing Screen	
		<u>See attached well log</u>	<u>1 1/2</u>	<u>N</u>	<u>Blank Steel Csg</u>	<u>42</u>	<u>560</u>	
		<u>Chem. Analysis</u>	<u>1 1/2</u>	<u>N</u>	<u>Blank Steel Csg</u>	<u>460</u>	<u>568</u>	
		<u>S-log</u>	<u>1 1/2</u>	<u>N</u>	<u>5" Blank Screen</u>	<u>568</u>	<u>596</u>	<u>035</u>
			<u>5</u>		<u>S</u>	<u>620</u>	<u>690</u>	<u>5</u>

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from Surf ft. to 560 ft.
Method used Halliburton
Cemented by B. J. Hughes

RECEIVED
SEP 11 1985
TEXAS WATER COMMISSION

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 284 ft. below land surface Date 12/02/84
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth None

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
Depth to pump bowls, cylinder, jet, etc., 450 ft.

14) WELL TESTS:
Type Test: Pump Bailor Jetted Estimated
Yield: 1007 gpm with 107 ft. drawdown after 12 hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Thermal Energy Corp (Type or Firm) Water Well Driller's License No. 2A
ADDRESS 40 Kaye Johnson Houston TX 77033 (City) (State) (Zip)
(Signed) [Signature] (Signed) [Signature] (Registered Driller Trainee)
Please attach information, if available. 65-21-625 For TDWR use only Well No. 65-21-625 Located on map SEADLE

TWDB WATER RESOURCES COPY

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 3 out of 6
State ID: 65-21-625

FORM NO. 28

LAYNE TEXAS COMPANY,
HOUSTON -:- DALLAS
WELL LOG

REPORT NO.
S. O. 1102-2990
PAGE 1 of 2
FILE NO. 4165
DATE 12/4/84

CUSTOMER LOCATION		WELL DATA	
FOR	Thermal Energy Corporation	NAME WELL	WELL NO. 1
LOCATION WELL	1 blk. w of S. Brasewood on Pressler St.	ELEVATION	DATUM
SURVEY	FIELD	RT	C
COUNTY	Harris	STATE	Texas
OTHER LAND MARKS	In the Medical Center	TEST HOLE SIZE	9 7/8" TD 1001'
		DATE STARTED DRILLING	11/30/84
		DATE FINISHED DRILLING	12/4/84
		DRILLER	Thompson
		TYPE MUD	Gel
		ELECTRIC LOG	Yes
		SURVEY	Eastman
		OTHER	Thompson, Jr.
		NO. SACKS	
		TYPE G. O.	
		TYPE	Single Shot

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES		
			DEPTH	TYPE	NUMBER
0		Surface			
14'-24'		Clay			
27'	3'	Sand			
33'	6'	Sandy Clay			
38'	5'	Clay			
40'	2'	Clay & Sandy Clay			
55'	15'	Sand			
58'	3'	Clay & Stks of Sand			
69'	11'	Clay			
74'	5'	Sand			
91'	17'	Clay & Few Sand Stks.			
116'	25'	Sandy Clay & Sand & Lime			
127'	11'	Clay & Lime			
145'	18'	Clay & Sandy Clay			
159'	14'	Tough Clay			
167'	8'	Sandy Clay & Clay			
187'	20'	Clay & Sand Stks.			
220'	33'	Clay			
222'	2'	Clay & Sandy Clay Stks.			
236'	16'	Clay			
241'	5'	Sandy Clay & Clay			
260'	19'	Sandy Clay & Stks. & Sand			
262'	2'	Clay			
270'	8'	Sand			
353'	83'	Clay			
355'	2'	Clay & Sandy Clay			
386'	31'	Sandy Clay Stks.			
387'	1'	Clay			
405'	18'	Sandy Clay Stks.			
406'	1'	Clay			
411'	5'	Sand & Clay Stks.			
424'	13'	Sand & Sandy Clay Stks.			
428'	4'	Sand & Clay Stks.			
437'	9'	Clay			
475'	38'	Sand & Clay Stks.			
553'	78'	Clay, Sandy Clay & Sand			
602'	20'	Clay, Sandy, Clay & Sand			
618'	16'	Clay			
634'	16'	Sandy Clay & Sand			

6521625



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 4 out of 6
 State ID: 65-21-625

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES	
			DEPTH	TYPE NUMBER
634'	16'	Sandy Clay & Sand		
670'	36'	Clay & Sandy Clay		
686'	16'	Sandy Clay & sand		
701'	15'	Clay		
711'	10'	Clay & Lime		
716'	5'	Clay & Sandy Clay		
733'	17'	Sand & Clay Stks.		
739'	6'	Clay & Sandy Stks.		
753'	14'	Sand & Clay Stks.		
757'	4'	Clay		
790'	33'	Sand & Clay Stks.		
801'	11'	Clay & Sandy Clay		
804'	3'	Sand & Sandy Clay		
816'	12'	Clay & Sandy Clay Stks.		
824'	8'	Clay & Sand Stks.		
833'	9'	Clay & Sandy Clay		
837'	4'	Sandy Clay & Clay		
849'	12'	Sand, Clay & Lime Stks.		
851'	2'	Lime & Clay		
860'	9'	Sand & Lime & Clay Stks.		
867'	7'	Clay & Lime		
883'	16'	Clay & Sandy Clay		
895'	12'	Sand & Clay Stks.		
902'	7'	Sandy Clay Stks.		
904'	2'	Clay		
911'	7'	Clay, Sandy Clay & Sand Stks.		
913'	2'	Clay & Lime Stks.		
916'	3'	Clay, Sandy Clay & Sand		
922'	6'	Lime Stks., Sandy Clay & Sand		
937'	15'	Sand		
939'	2'	Clay		
950'	11'	Sand & Few lime & Clay Stks.		
954'	4'	Clay & Lime Stks.		
960'	6'	Clay & Sand Stks.		
973'	15'	Clay		
997'	22'	Sand & Clay Stks.		
1001'	4'	Clay		

65 21 625

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 5 out of 6
State ID: 65-21-625

EDNA WOOD LABORATORIES, INC.
WATER TECHNOLOGISTS · CHEMISTS · MICROBIOLOGISTS

10 January 1875

To: Layne Texas Company
P. O. Box 9469
Houston, Texas 77261

SO #1102-2990

Sample marked: Thermal Energy Medical Center - Harris County, Texas. 10 minute static head: 295' Pumping level: 391' Screened: 620' - 690' to 568' - 596' - Clear, no sand - By: R. V. Garcia.

Received: 12-21-84.

WATER ANALYSIS
results in parts per million (mg/l) except as noted

Dissolved Residue at 350° C	282	Conductance, micromhos/cm, 25°C	530
Total Dissolved Solids, actual†	412	Color, units	2
Total Dissolved Solids, calc.	435	Turbidity, units	0.16
Silica SiO ₂	25	As Calcium Carbonate, CaCO ₃ :	
Calcium Ca	57	Phenolphthalein Alkalinity	0
Magnesium Mg	5	Total Alkalinity	210
Sodium (diff.) Na + K as Na	49	Total Hardness	161
Carbonate CO ₃	0	Free Carbon Dioxide CO ₂	9.5
Bicarbonate HCO ₃	256	pH . . . 7.63 at 23°C	
Sulfate SO ₄	6	HYPOTHETICAL COMBINATIONS	
Chloride Cl	37		
Total Fluoride F	0.2		
Total Nitrate NO ₃	< 0.4		
Total Manganese * Mn	0.03		
Total Iron # Fe	0.05		
Iron, filtered sample Fe	-		

*By Atomic Absorption.

†Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO₃) ion

EDNA WOOD LABORATORIES, INC.

By: *Alice Perry*
Alice Perry, Supervising Chemist
65-21-625

2756
slp

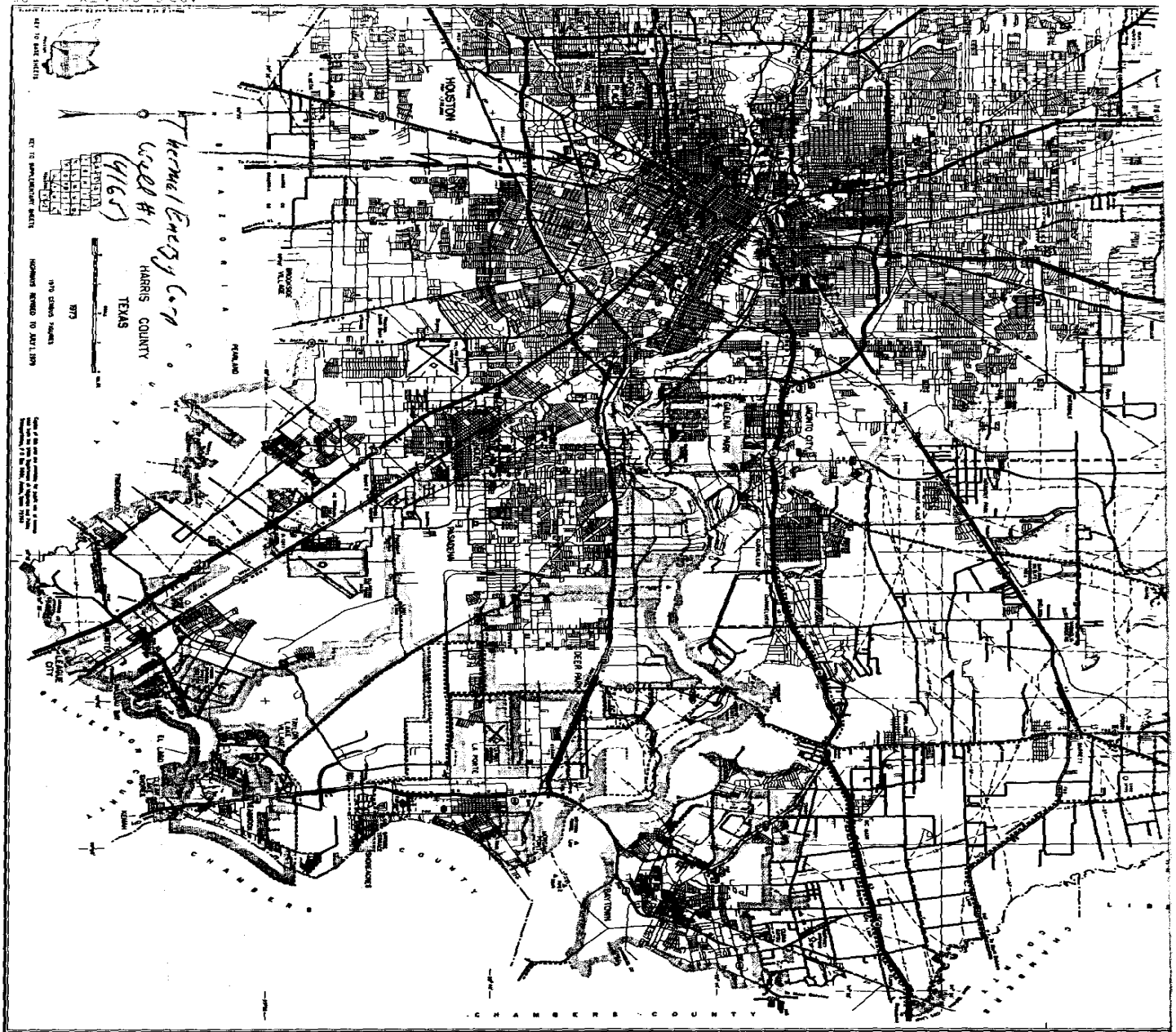
Tel: (713) 747-7271 · P. O. BOX 14171 · 4820 OLD SPANISH TRAIL · HOUSTON, TEXAS 77021



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 6 out of 6
State ID: 65-21-625



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 396 Distance from Property: 4.70 mi. SW

ID NUMBER: TX203789
STATE ID : 65-21-6C
OWNER NAME: THERMAL ENERGY COOP
DATE DRILLED: 12/04/1984
DEPTH DRILLED: 702'
STATIC LEVEL: 284'
WATER USAGE: PUBLIC SUPPLY
LONGITUDE: -95.397742000
LATITUDE: 29.704102000
1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 203789

L-154

Please use black ink.
Send original copy by certified mail to the Texas Department of Water Resources, P. O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Thermal Energy Corp. c/o Kage Johnson (Name) Address 2111 Brookwood (Street or R.F.D.) Houston (City) Tx (State) 77030 (Zip)

2) LOCATION OF WELL: County Harris miles in _____ direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map.

3) TYPE OF WORK (Check):
 New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Public Supply Irrigation Test Well Other _____

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored Air Rotary Cable Tool Jetted Other _____

6) WELL LOG:
Well # 1
Date drilled 12/4/84

DIAMETER OF HOLE			
From (ft.)	To (ft.)	Surface	To (ft.)
		<u>22</u>	<u>460</u>
		<u>30</u>	<u>702 TO</u>

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
If Gravel Packed give interval . . . from 460 ft. to 702 TO ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
						From	To	
		<u>See attached well log</u>						
		<u>Chum Analysis</u>						
		<u>E-log</u>						
			<u>1 1/2</u>	<u>N</u>	<u>Blank Steel Csg</u>	<u>42</u>	<u>560</u>	
			<u>1 1/2</u>	<u>N</u>	<u>Blank Steel Csg</u>	<u>460</u>	<u>568</u>	
			<u>1 1/2</u>	<u>N</u>	<u>5" x 1/2" Borey Screen</u>	<u>568</u>	<u>596</u>	<u>035</u>
			<u>5</u>	<u>S</u>	<u>S</u>	<u>660</u>	<u>690</u>	<u>=</u>

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from Surf ft. to 560 ft.
Method used Hydraulic
Cemented by B. J. Hughes

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 284 ft. below land surface Date 12/19/84
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
Depth to pump bowls, cylinder, jet, etc., 450 ft.

14) WELL TESTS:
Type Test: Pump Bailor Jetted Estimated
Yield: 1005 gpm with 107 ft. drawdown after 12 hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Layne Texas Co (Type or Print) Water Well Driller's License No. 2A
ADDRESS P.O. Box 9469 (Street or R.F.D.) Houston (City) Tx (State) 77261 (Zip)
(Signed) Richard Lawson (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 65-21-66
Located on map Yes DLF

RECEIVED
SEP 11 1985

TEXAS WATER COMMISSION

DEPARTMENT OF WATER RESOURCES COPY

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 396 Distance from Property: 4.70 mi. SW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294214095234801**

STATION NAME: **LJ-65-21-625**

SITE TYPE: **GW**

LATITUDE: **29.704094000** LONGITUDE: **-95.397726000**

DATE DRILLED: **12/04/1984**

WELL DEPTH: **702 feet**

HOLE DEPTH: **1000 feet**

LOCAL AQUIFER: **CHICOT AQUIFER**



www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 396 Distance from Property: 4.70 mi. SW

TRACK #: 202419

DATE ENTERED: 2009-12-18

OWNER NAME: THERMAL ENERGY CORP,INC.(TECO)

OWNER ADDRESS: 9400 WARD PKWY
KANSAS CITY, MO 64114

COUNTY: HARRIS

LATITUDE: 29.704167000 LONGITUDE: -95.397222000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=202419&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2009-01-05

DRILLING DATE (COMPLETED): 2009-11-12

DEPTH DRILLED: 52'

WATER LEVEL:

STATIC LEVEL: 236'

WATER LEVEL DATE: 2009-05-15

TYPE OF WATER: DESIRABLE

TYPE OF WORK:

NEW WELL

PROPOSED USE:

INDUSTRIAL

COMPANY INFORMATION:

COMPANY NAME: WEISINGER WATER WELL,INC.

COMPANY ADDRESS: NOT REPORTED
NOT REPORTED



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 396 Distance from Property: 4.70 mi. SW

WELL ID: **4027**
OWNERS NAME: **THERMAL ENERGY CORPORATION**
YEAR DRILLED: **1990**
DEPTH DRILLED: **1000'**
STATIC LEVEL: **785'**
WATER USAGE: **INDUSTRIAL**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.397742000**
LATITUDE: **29.704102000**
SOURCE: **HGSD**



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 397 Distance from Property: 4.70 mi. SSW

ID NUMBER: TX199516
STATE ID : 65-21-6B
OWNER NAME: LINBECK CONSTRUCTION
DATE DRILLED: 02/11/1980
DEPTH DRILLED: 445'
STATIC LEVEL: 220'
WATER USAGE: DOMESTIC
LONGITUDE: -95.380334000
LATITUDE: 29.696152000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 199516

(46) H6 Duct

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

For TDWR use only
Well No. 05-21-08
Located on map YES
Received: C.F.S.

1) OWNER Linbeck Construction (Name) Address P.O. Box 22500 HOU. TX 77027
(Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: Armore St.
County HARRIS Co. 5 miles in 5 direction from HOUSTON
(N.E., S.W., etc.) (Town)

Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map.

3) TYPE OF WORK (Check):
 New Well Deepening
 Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Public Supply
 Irrigation Test Well Other _____

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored
 Air Rotary Cable Tool Jetted Other _____

6) WELL LOG:
Date drilled 2/11/80

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
<u>8 3/4</u>	Surface	<u>445'</u>

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
If Gravel Packed give interval ... from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgt., if commercial	Setting (ft.)	Gage Casing Screen
<u>0</u>	<u>237'</u>	<u>Clay</u>					
<u>237'</u>	<u>250'</u>	<u>Sand</u>					
<u>250'</u>	<u>380'</u>	<u>Clay</u>	<u>5"</u>	<u>N</u>	<u>Steel</u>	<u>0</u>	<u>406</u>
<u>380'</u>	<u>413'</u>	<u>Sand - Very fine</u>	<u>2 1/2"</u>	<u>N</u>	<u>Red Base Stainless</u>	<u>406</u>	<u>416</u>
<u>413'</u>	<u>417'</u>	<u>Clay</u>	<u>2 1/2"</u>	<u>N</u>	<u>Red Base Stainless</u>	<u>425'</u>	<u>445'</u>
<u>417'</u>	<u>445'</u>	<u>Production Sand</u>	<u>2 1/2"</u>	<u>N</u>	<u>LINER PIPE</u>	<u>445'</u>	<u>453'</u>
<u>445'</u>	<u>453'</u>	<u>Clay</u>					

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

CEMENTING DATA
Cemented from TOP ft. to Bottom ft.
Method used Haliburton
Cemented by Bussell + Son, Inc.
(Company or Individual)

9) WATER LEVEL:
Static level 220' ft. below land surface Date 2/11/80
Artesian flow _____ gpm. Date _____

10) PACKERS: Type _____ Depth _____

11) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc., 254' ft.

12) WELL TESTS:
 Type Test Pump Bailer Jetted Estimated
Yield: 110 gpm with 22 ft. drawdown after 1 hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Tommy C. Bussell (Type or Print) Water Well Drillers Registration No. #707

ADDRESS 9739 N. Houston Rosslyn HOU. TX 77088
(Street or RFD) (City) (State) (Zip)

(Signed) Tommy C. Bussell Bussell + Son, Inc.
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 398 Distance from Property: 4.71 mi. W

ID NUMBER: TX206127
STATE ID : 65-13-8
OWNER NAME: MEG GOODMAN
DATE DRILLED: 12/30/2002
DEPTH DRILLED: 393'
STATIC LEVEL: 206'
WATER USAGE: SINGLE FAMILY RESID
LONGITUDE: -95.431453000
LATITUDE: 29.752397000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 206127

ATTENTION OWNER: Confidentiality
Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: GOODMAN, MEG ADDRESS: 3456 INWOOD CITY: HOUSTON STATE: TX ZIP: -

2) ADDRESS OF WELL: County: HARRIS GRID # 65-13-8
Street or RFD: LAT. 29-45.15N LONG. 095-25.86W
City, State, Zip code: HOUSTON, TX -

5)

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: SINGLE FAMILY RESID
If Public Supply well, were plans submitted to the TNRC?

6) WELL LOG: 02413		DIAMETER OF HOLE		7) DRILLING METHOD:	8) BOREHOLE COMPLETION:		
DATE DRILLING:		DIAMETER	FROM TO			FT. TO	FT.
STARTED: 12/17/02		8.5	0 370	MUD ROTARY	TWO STRING/K-PACKER		N
COMPLETED: 12/30/02		4.875	370 393		IF GRAVEL...	FROM	FT. TO
					FROM	FT. TO	FT.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	370	CASING
3.0	N	P.V.C. SCH.40	362	372	LINER
3.0	N	JOHNSON SUPER FLOW	372	392	.008
3.0	N	P.V.C. SCH.40	392	393	LINER

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	2	SOIL
2	15	CLAY-GRAY CLAY-BROWN
15	23	SAND-TAN-FINE
23	41	CLAY-RED
41	62	BROKEN SAND & CLAY
62	180	CLAY-TAN BROKEN SAND & CLAY
180	192	SAND-TAN-.006-.008 SAND-TAN-.010-.012
192	214	CLAY-RED
214	244	SAND-TAN-.010-.012 SAND-TAN-.014-.020
244	308	CLAY-RED CLAY-GRAY
308	318	SAND-WHITE-.010-.012
318	366	CLAY-TAN BROKEN SAND & CLAY
366	392	SAND-WHITE-.006-.008
392	393	CLAY-RED

9) CEMENTING DATA:
Cemented from 0 FT. TO 370 FT. No. of Sacks Used 70
Method used: PRESSURE-HALIBURTON
Cemented by: AIMS
Distance to septic field lines: n/a ft.
Method of verification of above distance: CITY SEWER

10) SURFACE COMPLETION:
SURFACE SLAB INST.

11) WATER LEVEL:
STATIC LEVEL : 206 FT. DATE: 12/19/02
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:	TYPE	DEPTH
	K-PACKER	362
	K-PACKER	363

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 296

14) WELL TEST:
JETTED
YIELD: 75+ GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 393 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2843,2350 FOR TWC USE ONLY
ADDRESS: P.O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578 WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Carl Lathan
(LICENSED WATER WELL DRILLER)

(signed) _____
(REGISTERED DRILLER TRAINEE)



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 399 Distance from Property: 4.72 mi. WSW

ID NUMBER: TX205987
STATE ID : 65-21-2
OWNER NAME: PHOTOCOLOR OF HOUSTON
DATE DRILLED: 04/17/1989
DEPTH DRILLED: 381'
STATIC LEVEL: 233'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.426744000
LATITUDE: 29.735331000
2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205987

STATE OF TEXAS WATER WELL REPORT

1) OWNER: PHOTOCOLOR OF HOUSTON ADDRESS: 3302 AUDLEY CITY: HOUSTON STATE: TX ZIP:
2) LOCATION OF WELL: County: HARRIS miles in W direction from HOUSTON

LEGAL DESCRIPTION: SEE ATTACHED MAP: 00118
Section No.: Block No.: Township:
Abstract No.: Survey Name:
Distance and direction from two intersecting section or survey lines:

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: INDUSTRIAL 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00118 DIAMETER OF HOLE 7) BOREHOLE METHOD:
DIAMETER FROM TO TWO STRING/B.P. SEAL
8.0 0 360 IF GRAVEL... FROM FT. TO FT.
5.0 360 381 FROM FT. TO FT.
DATE DRILLED: 04/17/89

GEOLOGICAL DESCRIPTION: 8) CASING, BLANK PIPE, AND WELL SCREEN DATA:
FROM TO DESCRIPTION DIA NEW/USED DESCRIPTION FROM TO GAGE CASING SCREEN
0 2 SOIL 5.0 N P.V.C. S.D.R. 17 0 360
2 16 CLAY-WHITE 3.0 N P.V.C. SCH. 80 356 361 LINER
16 60 CLAY / SAND STREAKS 3.0 N P.V.C. - UNDERBAR 361 371 .008
60 230 CLAY-RED 3.0 N P.V.C. - UNDERBAR 371 381 .010
230 244 SAND-WHITE-.006-.008
244 284 CLAY-RED
284 292 SAND-WHITE-.006-.008
292 355 CLAY-RED
355 381 SAND-WHITE-.010-.012
381 CLAY-RED

9) CEMENTING DATA:
Cemented from 260 FT. TO 360 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: ALMEDA WATER WELL

RECEIVED
DEC 1 1989

10) SURFACE COMPLETION:
APP. ALTER. PROCD.

11) WATER LEVEL: TEXAS WATER COMMISSION
STATIC LEVEL : 233 FT. DATE: 04/19/89
ARTESIAN FLOW: 6PM. DATE:

12) PACKERS: TYPE DEPTH

13) TYPE PUMP: 14) WELL TEST:
SUBMERSIBLE JETTED
DEPTH TO PUMP: 315 YIELD: 60 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY: DEPTH OF STRATA: 381 NO CHEMICAL ANALYSIS MADE
TYPE OF WATER: GOOD
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843 : FOR TDWR USE ONLY
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578 : WELL NO. 65-21-2
: LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) _____ (signed) _____
(LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)

CWB



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WATER UTILITY DATABASE (WUD)

MAP ID# 400 Distance from Property: 4.73 mi. ESE

PWSID: 1010013
SOURCE ID: G1010013LI
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED:
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.279998780
LATITUDE: 29.734167100

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 401 Distance from Property: 4.73 mi. NE

TRACK #: 25762

DATE ENTERED: 2003-09-22

OWNER NAME: PICERNE DEVELOPMENT CORP

OWNER ADDRESS: 247 N WEST MOUNT DR
ALATMONTE SPRING, TX 32714

COUNTY: HARRIS

LATITUDE: 29.817778000 LONGITUDE: -95.310278000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=25762&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2003-08-26

DRILLING DATE (COMPLETED): 2003-08-27

DEPTH DRILLED: 480'

WATER LEVEL:

STATIC LEVEL: 205'

WATER LEVEL DATE: 2003-08-27

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: SCOTT DRILLING INC

COMPANY ADDRESS: 11923 GREEN PINE CIRCLE
HOUSTON, TX 77066



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 401 Distance from Property: 4.73 mi. NE

WELL ID: **9557**
OWNERS NAME:
YEAR DRILLED: **2003**
DEPTH DRILLED: **500'**
STATIC LEVEL: **475'**
WATER USAGE: **LAKE/POND/POOL**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.310295000**
LATITUDE: **29.817802000**
SOURCE: **HGSD**



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 402 Distance from Property: 4.73 mi. NW

ID NUMBER: TX206187
STATE ID : 65-13-5D
OWNER NAME: ROSSA FOSTER
DATE DRILLED: 06/28/1974
DEPTH DRILLED: 52'
STATIC LEVEL: 8'
WATER USAGE: YARD
LONGITUDE: -95.399687000
LATITUDE: 29.815697000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 206187

65-13-50
20

and original copy by certified mail to the Texas Water Development Board, P. O. Box 12386, Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TWDB use only
Well No. 65-13-50
Located on map YES
Received: 7/4/74

1) OWNER:
Person having well drilled ROSS, A. FOSTER Address 203 W 33th HOUSTON TEXAS
(Name) (Street or RFD) (City) (State)
Landowner ROSS, A. FOSTER Address 203 W 33rd HOUSTON TEXAS
(Name) (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County HARRIS miles in _____ direction from _____
(N.E., S.W., etc.) (Town)
Locate by sketch map showing landmarks, roads, creeks, or Give legal location with distances and directions from
highway number, etc.* 203 W 33rd or adjacent sections or survey lines.
NORTH LOOP Labor _____ League _____
Block _____ Survey _____
(Use reverse side if necessary) (Use reverse side if necessary)

3) TYPE OF WORK (Check):
New Well Deepening _____
Reconditioning _____ Plugging _____

4) PROPOSED USE (Check):
Domestic _____ Industrial _____ Municipal _____
Irrigation _____ Test Well _____ Other WARD

5) TYPE OF WELL (Check):
Rotary Driven _____ Dug _____
Cable _____ Jetted _____ Bored

6) WELL LOG:
Diameter of hole 3 7/8 in. Depth drilled 57 ft. Depth of completed well 52 ft. Date drilled 6-28-74
All measurements made from 1-1/2 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0 - 3		SAND
3 - 23		RED CLAY
23 - 25		SAND
25 - 38		RED CLAY
38 - 41		SAND
41 - 50		MIXED CLAY
50 - 52		ROCK
52 - 57		SAND

9) CASING:
Type: Old _____ New Steel _____ Plastic Other _____
Cemented from _____ ft. to _____ ft.
Diameter (inches) 2 in Setting From (ft.) _____ To (ft.) _____

10) SCREEN:
Type: Perforated _____ Slotted _____
Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Slot Size _____

7) COMPLETION (Check):
Straight wall Gravel packed _____ Other _____
Under reamed _____ Open Hole OPEN BOTTOM

8) WATER LEVEL:
Static level 8 ft. below land surface Date 6-28-74
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes _____ No _____ If yes, by whom? _____
Yield: 20 gpm with 5 ft. drawdown after 4 hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water 68

12) WATER QUALITY:
Was a chemical analysis made? Yes _____ No
Did any strata contain undesirable water? Yes _____ No
Type of water? GOOD depth of strata 5 FT

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME FREDDIE L RICHARD Water Well Drillers Registration No. 1321
(Type or Print)
ADDRESS P.O. BOX 158 BARKER TEXAS 77413
(Street or RFD) (City) (State)
(Signed) Freddie L Richard F.L. Richard P. Reg.
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-CM-53

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 403 Distance from Property: 4.74 mi. W

ID NUMBER: TX205998
STATE ID : 65-21-2
OWNER NAME: ARCTIC AIR WARD HAGGARD
DATE DRILLED: 08/07/1988
DEPTH DRILLED: 240'
STATIC LEVEL: NOT REPORTED
WATER USAGE: LOOPS
LONGITUDE: -95.430627000
LATITUDE: 29.745930000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205998

by HARRIS

Please use black ink. Send original copy by certified mail to the Texas Water Commission, P.O. Box 13067, Austin, Texas 78711.

State of Texas
WATER WELL REPORT
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

Texas Water Well Drillers Board
P. O. Box 13067
Austin, Texas 78711

1) OWNER Artic Air Ward Haggard (Name) Address 3413 Piping Rock Houston, Texas (City) (State) (Zip)

2) LOCATION OF WELL: County HARRIS Harris in _____ miles in Houston direction from River Oaks (Town)

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other LOOPS

5) DRILLING METHOD (Check): Driven Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other _____

6) WELL LOG: Date Drilling: Started 8-22 1988 Completed 8-7 1988

DIAMETER OF HOLE		From (ft.)		To (ft.)	
4	Surface			240	

7) BOREHOLE COMPLETION: Open Hole Straight Wall Underreamed Gravel Packed Other _____

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

From (ft.)	To (ft.)	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
					From	To	
0-8					240	2	11
8-55							
55-130							
130-225							
225-240							

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 240 ft. to 2 ft. No. of Sacks Used 4
Method used thru drill pipe
Cemented by Raymond McPike

10) SURFACE COMPLETION: Specified Surface Slab Installed [Rule 319.44(c)] Pitless Adapter Used [Rule 319.44(d)] Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL: Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____

13) TYPE PUMP: Turbine Jet Submersible Cylinder Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS: Type Test: Pump Bailor Jetted Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? Yes No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Holly Water Wells (Type or Print) Water Well Driller's License No. 2026

ADDRESS 607 Hwy 19 Huntsville, Texas 77340 (City) (State) (Zip)

(Signed) Raymond A. Goulet (Registered Driller Trainee) For TWC use only Well No. 25-21-2 Located on map _____

Please attach electric log, chemical analysis, and other pertinent information, if available.

13 TONS - Holes

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OCT 18 1988

TEXAS WATER COMMISSION

WWD-012 (Rev.01-28-87)

TEXAS WATER COMMISSION COPY



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 404 Distance from Property: 4.74 mi. N

ID NUMBER: TX205384
STATE ID : 65-14-4A
OWNER NAME: W.H. BROWN
DATE DRILLED: 01/??/1963
DEPTH DRILLED: 190'
STATIC LEVEL: 90'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.362120000
LATITUDE: 29.828540000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205384

File original copy with Texas Water Commission P. O. Box 1311, Capitol Station Austin 11, Texas	State of Texas DRILLERS LOG AND WELL DATA REPORT	For use by <u>SWR</u> only Well No. <u>63-14-112</u> Located on map <u>Y-22</u> By <u>SWR</u> Date <u>6-3</u> Map no. <u>108(C)</u>									
1) Well Owner: <u>M. R. Brown - Livingston Blvd - Houston 7-4</u>											
2) Land Owner: <u>Same</u>											
3) Intended use: Industrial <input checked="" type="checkbox"/> Municipal <input type="checkbox"/> Irrigation <input type="checkbox"/> Other <input type="checkbox"/>											
4) Location of well: County <u>HARRIS</u> Labor _____ League _____ Abstract No. _____ NE1/4 SW1/4 SE1/4 of Section _____ Block No. _____ Survey _____ <small>(Circle as many as are shown)</small>											
3 miles in <u>North</u> direction from <u>Houston</u>											
Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.											
DRILLERS LOG OF WELL Method of drilling: <u>Rotary</u> Diameter of hole <u>6</u> in. Date drilled <u>1-63</u> All measurements made from <u>Survey</u> ft. above ground level.											
From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material						
0	5	Top Soil									
5	23	Yellow clay									
23	41	Red									
41	60	Brown sand									
60	115	Red clay									
115	126	8 gauge sand - no water									
126	163	Red clay									
163	190	14 gauge water sand									
(Use continuation sheets if necessary)											
COMPLETION		CASING		SCREEN							
Straight walls <input checked="" type="checkbox"/> Under reamed <input type="checkbox"/> Gravel packed <input type="checkbox"/> Open hole <input type="checkbox"/> Other <u>Screen</u>		Type: Old <input type="checkbox"/> New <input checked="" type="checkbox"/> Cemented from _____ ft. to _____ ft. Diameter (inches) Setting from (ft) to (ft) 4" Top 190'		Type <u>12 DR - stemless tub</u> Perforated <input checked="" type="checkbox"/> Slotted <input type="checkbox"/> Diameter (inches) Setting from (ft) to (ft) 4 180 190							
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. Driller: <u>M. R. Dodson</u> Reg. No. <u>3214</u>											
Please attach electric log, chemical analysis, and other pertinent information if available. If well was tested by your company or if you installed the permanent pump please complete the following:											
WATER LEVEL AND PUMP DATA											
Static water level <u>90'</u> ft. below <u>ground level</u>			Pump type <u>3 HP Subergide</u> Designed pumping rate <u>90</u> gpm <input checked="" type="checkbox"/> gph <input type="checkbox"/>								
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>feet</th> <th>Pumping level hours</th> <th>gpm</th> </tr> </thead> <tbody> <tr> <td>105</td> <td>7</td> <td>90</td> </tr> </tbody> </table>			feet	Pumping level hours	gpm	105	7	90	Type power unit <u>Electric</u> Horsepower <u>3</u> Depth to bowls, cylinder, jet, etc., <u>146</u> ft. below pump base.		
feet	Pumping level hours	gpm									
105	7	90									
Name of contractor testing well or installing permanent pump if other than your company: _____											

Cross timber st
 Well 7
 Clouston (on S side)

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 404 Distance from Property: 4.74 mi. N

STATE ID: 65-14-437
OWNER'S NAME: W. R. BROWN
DATE DRILLED: 00/00/1963
DEPTH DRILLED: 190'
WATER USAGE: DOMESTIC
LONGITUDE: -95.362120000
LATITUDE: 29.828540000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6514437/6514437.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-14-437

TEXAS WATER DEVELOPMENT BOARD WELL SCHEDULE

State Well Number - 65 14 437 Previous Well Number - County - Harris 201
 River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 49 42 Longitude - 95 21 43 Source of Coords - 2
 Owners Well No. _____ Location _____ 1/4. _____ 1/4. Section _____, Block _____, Survey _____
 Owner - W. R. Brown Driller - M. A. Dodson

Address _____ Tenant/Oper. _____
 Date Drilled - / /1963 Depth - 190 ft. Source of Depth - Altitude - 69 ft. Source of Alt. -
 Aquifer - 112CHCTU CHICOT AQUIFER,UPPER Well Type - W User -
 WELL Const. _____ Casing Material - _____ | Casing or Blank Pipe (C)
 CONSTRUCTION Method - _____ Screen _____ | Well Screen or Slotted Zone ()
 Completion - _____ Material - _____ | Open Hole (O)
 | Cemented from _____ to _____
 LIFT DATA - Pump Mfr. _____ Type - SUBMERSIBLE PUMP No. Stages _____ | Diam. Setting(feet)
 | (in.) From To
 Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in. |
 Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - |
 |
 YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____ |
 |
 PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM |
 |
 Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft |
 |
 QUALITY (Remarks- _____ |
 |
 WATER USE Primary- DOMESTIC Secondary- _____ Tertiary- _____ |
 |
 OTHER DATA AVAILAIBLE Water Levels- M Quality- N Logs- Other Data- |
 |
 WATER LEVELS Date- 01/00/1963 Measurement- -90.00 |
 |
 Date- / / Measurement- |
 |
 Recorded By _____ Date Record Collected or Updated- 09/30/2002 |
 |

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
 REMARKS -
 TWDB R178: Screen from 180 to
 190 ft.

Aquifer - 112CHCTU
Well No. - 65 14 437



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 405 Distance from Property: 4.76 mi. WSW

WELL ID: 14362
OWNERS NAME: DOMINANT DEVELOPMENT
YEAR DRILLED: Not Reported
DEPTH DRILLED: 350'
STATIC LEVEL: 330'
WATER USAGE: DOMESTIC/COMMERCIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.417336000
LATITUDE: 29.719468000
SOURCE: HGSD



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 405 Distance from Property: 4.76 mi. WSW

WELL ID: **14361**
OWNERS NAME: **DOMINANT DEVELOPMENT, LLC**
YEAR DRILLED: **Not Reported**
DEPTH DRILLED: **350'**
STATIC LEVEL: **330'**
WATER USAGE: **DOMESTIC/COMMERCIAL**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.417336000**
LATITUDE: **29.719468000**
SOURCE: **HGSD**



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SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 406 Distance from Property: 4.79 mi. W

TRACK #: 385302

DATE ENTERED: 2015-01-09

OWNER NAME: BILL PRITCHARD

OWNER ADDRESS: 3401 SLEEPY HOLLOW CT
HOUSTON, TX 77019

COUNTY: HARRIS

LATITUDE: 29.747778000 LONGITUDE: -95.432778000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=385302&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2014-12-08

DRILLING DATE (COMPLETED): 2014-12-12

DEPTH DRILLED: 400'

WATER LEVEL:

STATIC LEVEL: 178'

WATER LEVEL DATE: 2014-12-12

TYPE OF WATER: NOT TESTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: ALMEDA WATER WELL SERVICE

COMPANY ADDRESS: PO BOX 266
MANVEL, TX 77578



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 406 Distance from Property: 4.79 mi. W

WELL ID: 13100
OWNERS NAME: PRITCHARD, BILL
YEAR DRILLED: Not Reported
DEPTH DRILLED: 450'
STATIC LEVEL: 420'
WATER USAGE:
WELL STATUS: ACTIVE
LONGITUDE: -95.432025000
LATITUDE: 29.748086000
SOURCE: HGSD



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SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 407 Distance from Property: 4.79 mi. W

TRACK #: 373616

DATE ENTERED: 2014-09-04

OWNER NAME: CAIN, WALKER

OWNER ADDRESS: 3439 DELMONTE
HOUSTON, TX 77019

COUNTY: HARRIS

LATITUDE: 29.750556000 LONGITUDE: -95.432500000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=373616&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2014-07-22

DRILLING DATE (COMPLETED): 2014-07-25

DEPTH DRILLED: 380'

WATER LEVEL:

STATIC LEVEL: 187'

WATER LEVEL DATE: 2014-07-25

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: ALMEDA WATER WELL SERVICE

COMPANY ADDRESS: PO BOX 266
MANVEL, TX 77578



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 407 Distance from Property: 4.79 mi. W

WELL ID: **12954**
OWNERS NAME: **CAIN, WALKER**
YEAR DRILLED: **Not Reported**
DEPTH DRILLED: **400'**
STATIC LEVEL: **380'**
WATER USAGE:
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.432464000**
LATITUDE: **29.750366000**
SOURCE: **HGSD**



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 408 Distance from Property: 4.80 mi. SSW

STATE ID: 65-22-404
OWNER'S NAME: CITY OF HOUSTON SOUTHLAWN
DATE DRILLED: 01/15/1957
DEPTH DRILLED: 1960'
WATER USAGE: PUBLIC SUPPLY
LONGITUDE: -95.371890000
LATITUDE: 29.692520000
SOURCE: TWDB
DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522404/6522404.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 5
State ID: 65-22-404

WRD Exp. (GW)
April 1966

Well No. LJ-65-22-404

WELL SCHEDULE
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

U. S. DEPT. OF THE INTERIOR

MASTER CARD (T-Brows)

Record by W.L.N. (10-26-60) Source FILES Date 2-23-68 Map Park Place 1955

State Texas County Harris Sequential number 1

Latitude 29° 41' 27" N Longitude 095° 22' 05" W

Local well number LJ-65-22-404 Other number SOUTHLAWN #1

Local use: _____ Owner of name: CITY OF HOUSTON

Owner or name: CITY OF HOUSTON Address: _____

Ownership: County, Fed Gov't, City, Corp Or Co, Private, State Agency, Water Dist

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, Res, Rec, Stock, Instit, Unused, Recharge, Desal-F S, Desal-other, Other

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed

DATA AVAILABLE: Well data 1 Freq. W/L meas.: Annual Field aquifer char. _____

Hyd. lab. data: _____

Qual. water data; type: _____

Freq. sampling: 3-8-57 Pumpage inventory: _____

Aperture cards: _____

Log data: F-LOG BB-31 TO 3287

WELL-DESCRIPTION CARD

Depth well: 1960 ft. Casing type: S Diam: 2-1/2 in

Finish: porous concrete, gravel w. gravel, gravel w. screen, horiz. open perf., screen, sd. pt., shored, open hole, other

Method Drilled: air borad, cable, dug, hydraulic, jetted, air percussion, rotary, reverse trenching, driven, drive wash, other

Date Drilled: 1-15-57 Pump intake setting: 7 STAGE SET 340

Driller: LWAYNE-TEXAS Co. HOUSTON, TEXAS

Life (type): air, bucket, cent, jet, multiple, multiple, nose, piston, rot, submerg, curb, other

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 250

Alt. LSD: 47 ft. Accuracy: 5' TOPO

Water Level: 226.61 ft. Accuracy: 0.3

Date meas: 3-8-57 Yield: 2316 gpm. Method: 4

Drawdown: 42.85 ft. Accuracy: 0.3 Pumping period: _____

WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard _____

Sp. Conduct _____ Temp. _____

Taste, color, etc. _____

PL 269.46
226.61
42.85

Well No. LJ-65-22-404

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 5
State ID: 65-22-404

Well No. LJ-65-22-404

Latitude-longitude 29.41.27 [Ⓢ] 99.22.05

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: COASTAL PLAINS Section: 03

Drainage Basin: F Subbasin: 51R

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series T aquifer, formation, group E

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: 390 ft Depth to top of: 390 ft

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: 670-685, 770-795, 805-820, 870-880, 920-945, 970-995

Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

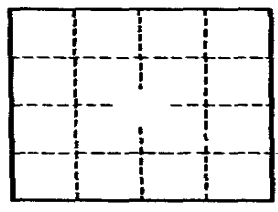
Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ spd/ft _____ Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

- * SCREENS:
- 1030²⁰-1050
 - 1095¹⁵-1110
 - 1130⁵-1145
 - 1185²-1205
 - 1240¹⁵-1265
 - 1280⁵-1295
 - 1355⁵-1365
 - 1420²⁵-1440
 - 1475⁵-1505
 - 1535¹⁵-1615
 - 1660¹⁵-1675
 - 1720⁵-1740
 - 1780¹⁵-1795
 - 1820²⁵-1845
 - 1870⁵-1885
 - 1925¹⁵-1940

595' of 24" casing
12 3/4' from 495 to 1960'



Well No. LJ-65-22-404

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 3 out of 5
State ID: 65-22-404

(11-74)

Water Resources Division
Austin, Texas

Latitude 29° 41' 27.095" Longitude 95° 22' 05.01" Seq. No. 01

County code 201 County Harris

Well # LJ-65-22-404

Project number 5-4648-01000

Date 2-6-75 Time _____ Temp °C 27.0

Owner City of Houston

Address Southlawn No. 1

Date drld 1-15-57 WBF code 121EVGL

Sample interval: (top) 670 (bottom) 1940

Water level _____ Appr _____ Use PS

Collector Haught Yield _____ GPM

Smpld after pmpg on acc. Depth 1960

Pt of coll tap on discharge

Field: Cond _____ pH _____ HCO₃ _____ DO _____

Indicate types of analyses

Coliform _____ Phenols _____ Minors _____

Nutrients _____ MBAS _____ BOD _____ TOC _____ DOC _____

Std chem schedule I + SO₄

Other _____

Herbicide _____ Insecticide _____

Remarks:

Sampled after pumping	Parameter code	Value	Exp.	Rmk
	7,2,0,0,4			
DO (mg/l)	0,0,3,0,0			
DO % Sat.	0,0,3,0,1			
Temp °C	0,0,0,1,0	27.00	0.2	27.0
pH	0,0,4,0,0	7.600	0.1	7.6
Specific conductance	0,0,0,9,5	598.0	0.3	598
HCO ₃	0,0,4,4,0	278.0	0.3	278
CO ₃	0,0,4,4,5	0.000	0.1	0
Chloride (Cl)	0,0,9,4,0	500.0	0.2	50
Sulfate (SO ₄)	0,0,9,4,5	140.0	0.2	14
Color	0,0,0,8,0			
Coliform, membrane filter	3,1,5,0,1			
Coliform, fecal	3,1,6,1,6			
Strep-tococci	3,1,6,7,9			
BOD	0,0,3,1,0			

Type 2 Station identification number 29,4,1,2,7,0,9,5,2,2,0,5,0,1

Y 7 M 5 D 0 Time of measurement _____

17 Begin 22 29 32

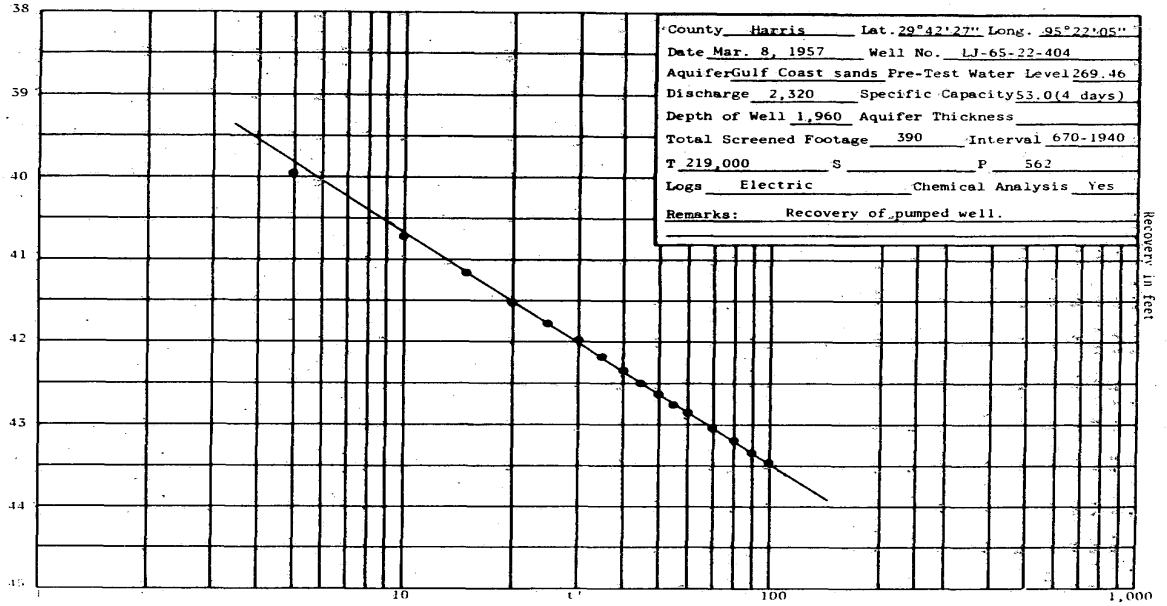
Depth	Parameter code	Value	Exp.	Rmk
Depth	7,2,0,0,8	196.0	0.4	
Yield (GPM)	0,0,0,5,9			
Sample interval TOP	7,2,0,1,5	670.0	0.3	
Sample interval BOTTOM	7,2,0,1,6	1940.0	0.4	



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 5 out of 5
 State ID: 65-22-404



County Harris Lat. 29°42'27" Long. 95°22'05"
 Date Mar. 8, 1957 Well No. LJ-65-22-404
 Aquifer Gulf Coast sands Pre-Test Water Level 269.46
 Discharge 2,320 Specific Capacity 53.0(4 days)
 Depth of Well 1,960 Aquifer Thickness _____
 Total Screened Footage 390 Interval 670-1940
 T 219,000 S _____ P 562
 Logs Electric Chemical Analysis Yes
 Remarks: Recovery of pumped well.

- 248 -

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 408 Distance from Property: 4.80 mi. SSW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294127095220501**

STATION NAME: **LJ-65-22-404**

SITE TYPE: **GW**

LATITUDE: **29.692524000** LONGITUDE: **-95.371900000**

DATE DRILLED: **01/15/1957**

WELL DEPTH: **1960 feet**

HOLE DEPTH: **2287 feet**

LOCAL AQUIFER: **EVANGELINE AQUIFER**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 408 Distance from Property: 4.79 mi. SSW

WELL ID: 1114
OWNERS NAME: HOUSTON, CITY OF
YEAR DRILLED: 1957
DEPTH DRILLED: 1960'
STATIC LEVEL: 670'
WATER USAGE: PUBLIC SUPPLY
WELL STATUS: PLUGGED
LONGITUDE: -95.371892000
LATITUDE: 29.692526000
SOURCE: HGSD



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 409 Distance from Property: 4.80 mi. S

STATE ID: 65-22-408

OWNER'S NAME: CITY OF HOUSTON FOSTER PLACE #3

DATE DRILLED: 00/00/1937

DEPTH DRILLED: 475'

WATER USAGE: UNUSED

LONGITUDE: -95.356837000

LATITUDE: 29.690796000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522408/6522408.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
 State ID: 65-22-408

TEXAS WATER DEVELOPMENT BOARD
 WELL SCHEDULE

State Well Number - 65 22 408 Previous Well Number - County - Harris 201
 River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 41 25 Longitude - 95 21 22 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston Driller - Texas Water Supply
 Foster Place #3 Corp.

Address _____ Tenant/Oper. _____

Date Drilled - / /1937 Depth - 475 ft. Source of Depth - R Altitude - 46 ft. Source of Alt. - M

Aquifer - 112CHCTL CHICOT AQUIFER, LOWER Well Type - W User - 396200

WELL Const. _____ Casing _____
 CONSTRUCTION Method - _____ Material - _____ | Casing or Blank Pipe (C)
 _____ Screen _____ | Well Screen or Slotted Zone (S)
 Completion - _____ Material - _____ | Open Hole (O)

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages _____ | Cemented from _____ to _____
 _____ | Diam. Setting(feet)
 _____ | (in.) From To

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - _____ Horsepower - _____

YIELD Flow- _____ GPM Pump- _____ GPM Meas., Rept., Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM

Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILABLE Water Levels- N Quality- N Logs- Other Data-

WATER LEVELS Date- / / Measurement-
 Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
 REMARKS -

1|
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Aquifer - 112CHCTL
 Well No. - 65 22 408



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WATER UTILITY DATABASE (WUD)

MAP ID# 409 Distance from Property: 4.80 mi. S

PWSID: 1010013
SOURCE ID: G1010013LN
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED:
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'
GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.356109620
LATITUDE: 29.690277100
OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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WATER UTILITY DATABASE (WUD)

MAP ID# 409 Distance from Property: 4.80 mi. S

PWSID: 1010013
SOURCE ID: G1010013LO
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1937
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.356109620
LATITUDE: 29.690277100

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

WATER UTILITY DATABASE (WUD)

MAP ID# 409 Distance from Property: 4.80 mi. S

PWSID: 1010013
SOURCE ID: G1010013LP
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1941
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.356109620
LATITUDE: 29.690277100

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 409 Distance from Property: 4.80 mi. S

STATE ID: **65-22-409**

OWNER'S NAME: **CITY OF HOUSTON FOSTER PLACE #4**

DATE DRILLED: **00/00/1941**

DEPTH DRILLED: **531'**

WATER USAGE: **UNUSED**

LONGITUDE: **-95.356837000**

LATITUDE: **29.690796000**

SOURCE: **TWDB**

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522409/6522409.pdf>



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WATER UTILITY DATABASE (WUD)

MAP ID# 410 Distance from Property: 4.82 mi. SSW

PWSID: 1010013
SOURCE ID: G1010013PK
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1957
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.367500310
LATITUDE: 29.691110610

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 411 Distance from Property: 4.82 mi. NE

ID NUMBER: TX205336
STATE ID : 65-14-6N
OWNER NAME: AL TUCKER, TRAILERS
DATE DRILLED: 05/??/1984
DEPTH DRILLED: 338'
STATIC LEVEL: 148'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.291747000
LATITUDE: 29.805596000
2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205336

Send original copy by certified mail to the Texas Department of Water Resources, P. O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER: Al Tucker, Trail ers (Name) Address: 7401 N. Loop (Street or RFD) Houston, Texas (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles in 5 direction from downtown Houston (Town)

3) TYPE OF WORK (Check):
 New Well Deepening
 Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Public Supply
 Irrigation Test Well Other

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored
 Air Rotary Cable Tool Jetted Other

6) WELL LOG: Date drilled _____

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
6	Surface	330

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
						From	To	
0	140	clay						
140	150	sand						
150	190	clay	4"	II	PLASTIC CASING	1	250	340
190	195	sand	4"	II	GRAVEL PACKED	250	310	"
195	210	clay	4"	II	GRAVEL PACKED	310	320	"
210	307	course sand	4"	II	2" SS WP SCREEN	320	320	1 1/2"
307	307		4"	II	2" SS WP SCREEN	320	320	

9) WATER LEVEL:
 Static level: 148 ft. below land surface Date: May 31
 Artesian flow: _____ gpm. Date: _____

10) PACKERS: Type Depth
Lead seal at 307'

11) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
 Depth to pump bowls, cylinder, jet, etc.: 220' ft.

12) WELL TESTS:
 Type Test Pump Bailor Jetted Estimated
 Yield: 50 gpm with 40 ft. drawdown after 2 hrs.

13) WATER QUALITY:
 Did you knowingly penetrate any strata which contained undesirable water? Yes No
 If yes, submit "REPORT OF UNDESIRABLE WATER"
 Type of water: _____ Depth of strata: _____
 Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

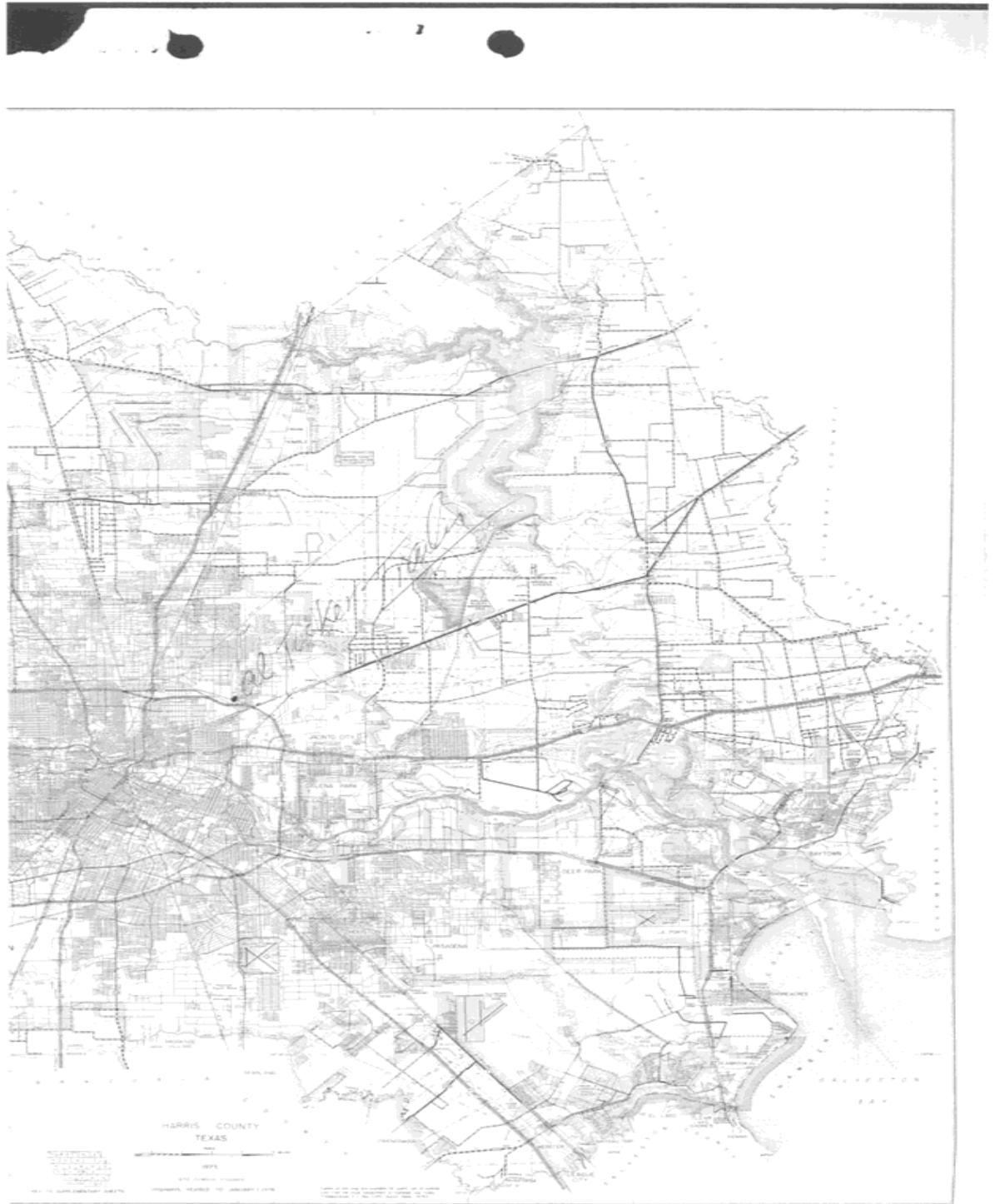
COMPANY NAME: B.J. Swinehart Co. Inc. Water Well Driller's License No. 229

ADDRESS: 7524 N. Freeway (Street or RFD) Houston, Texas 77037 (City) (State) (Zip)

(Signed) [Signature] (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 65-14-6N
Located on map YES DCF



HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 411 Distance from Property: 4.82 mi. NE

WELL ID: 11426
OWNERS NAME: AL TUCKER TRAILERS, INC.
YEAR DRILLED: Not Reported
DEPTH DRILLED: 20'
STATIC LEVEL: 10'
WATER USAGE: DOMESTIC/COMMERCIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.291747000
LATITUDE: 29.805596000
SOURCE: HGSD



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 412 Distance from Property: 4.84 mi. SW

ID NUMBER: TX206842
STATE ID : 65-21-6
OWNER NAME: THERMAL ENERGY CORP
DATE DRILLED: 12/08/1999
DEPTH DRILLED: 437'
STATIC LEVEL: 200'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.404299000
LATITUDE: 29.705763000
1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 206842

ATTENTION OWNER: Confidentiality
Privilege Notice on Reverse Side
STATE OF TEXAS
WATER WELL REPORT
OWNER: THERMAL ENERGY COOP ADDRESS: 1615 BRAESWOOD BLVD. CITY: HOUSTON STATE: TX ZIP: 77030-

2) ADDRESS OF WELL: 5)
County: HARRIS GRID # 65-21-6
Street or RFD: 6935 SOUTH MAIN STREET
City, State, Zip code: HOUSTON, TX -

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: INDUSTRIAL
If Public Supply well, were plans submitted to the INRCC?

6) WELL LOG: 01767 7) DRILLING METHOD: 8) BOREHOLE COMPLETION:
DIAMETER OF HOLE : 9) CEMENTING DATA:
DIA NEW/USED DESCRIPTION FROM TO GAGE CASING SCREEN
5.0 N P.V.C. S.D.R.17 0 404 CASING
3.0 N P.V.C. SCH.40 384 405 LINER
3.0 N P.V.C. - SLOTTED 405 435 .006
3.0 N P.V.C. SCH.40 435 437 LINER

DATE DRILLING: 9.00 0 404 MUD ROTARY TWO STRING/K-PACKER N
STARTED: 11/29/99 4.875 404 437 IF GRAVEL... FROM FT. TO FT.
COMPLETED: 12/08/99 FROM FT. TO FT.

9) CEMENTING DATA:
Cemented from No. of Sacks Used
0 FT. TO 404 FT. 105
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: ANWS
Distance to septic field lines: n/a ft.
Method of verification of above distance:
CITY SEWER

10) SURFACE COMPLETION:
SURFACE SLAB INST.

11) WATER LEVEL:
STATIC LEVEL : 200 FT. DATE: 12/03/99
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH
K-PACKER 384
K-PACKER 395

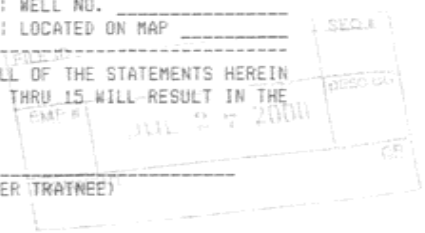
3) TYPE PUMP: 14) WELL TEST:
SUBMERSIBLE JETTED
DEPTH TO PUMP: 340 YIELD: 125 GPM WITH FT DRANDOWN AFTER HRS

5) WATER QUALITY: DEPTH OF STRATA: 437 NO CHEMICAL ANALYSIS MADE
TYPE OF WATER: GOOD
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843, 2350, 2843 : FOR TWC USE ONLY
ADDRESS: P.O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578 : WELL NO. _____
LOCATED ON MAP _____

HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN
ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE
WELL(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Carl Lottin (signed) _____
(LICENSED WATER WELL DRILLER) (REGISTERED DRILLER/TRAINEE)



SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 413 Distance from Property: 4.85 mi. SSW

TRACK #: 204282

DATE ENTERED: 2010-01-11

OWNER NAME: V.A. MEDICAL CENTER HOSPITAL

OWNER ADDRESS: 2002 HOLCOMBE BLVD.
HOUSTON, TX 77030

COUNTY: HARRIS

LATITUDE: 29.698334000 LONGITUDE: -95.391389000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=204282&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2008-10-06

DRILLING DATE (COMPLETED): 2008-11-20

DEPTH DRILLED: 541'

WATER LEVEL:

STATIC LEVEL: 187'

WATER LEVEL DATE: 2008-10-16

TYPE OF WATER: GOOD

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: ALMEDA WATER WELL SERVICE

COMPANY ADDRESS: P.O. BOX 266
MANVEL, TX 77578

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 414 Distance from Property: 4.86 mi. WNW

WELL ID: 2701
OWNERS NAME: SUPERIOR CONCRETE ACCESSORIES
YEAR DRILLED: 1971
DEPTH DRILLED: 480'
STATIC LEVEL: 318'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.429187000
LATITUDE: 29.785105000
SOURCE: HGSD



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 415 Distance from Property: 4.87 mi. ESE

STATE ID: 65-22-338

OWNER'S NAME: MANGONE SHIP CO.

DATE DRILLED: 10/10/1972

DEPTH DRILLED: 479'

WATER USAGE:

LONGITUDE: -95.283400000

LATITUDE: 29.723760000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6522338/6522338.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 3
State ID: 65-22-338

April 1966

4765-22-338

WELL SCHEDULE
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by K.D. VAUGHT Source of data D. Records Date 5-16-75 Map PARK PLACE, TX 1967 1:24000

State TEXAS County 49 HARRIS CO. Sequential number 1

Latitude: 29° 43' 25" N Longitude: 095° 17' 00" W

Local well number: 4J-65-22-338 Other number: B & M

Local use: MANGONIE SHIP BLDG CO. Owner or name: MANGONIE SHIP BLDG CO. Address: 819 S. BOSTON ST.

Ownership: (N) County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist

Use of water: (N) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, Stock, Instat, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other

Use of well: (W) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed

DATA AVAILABLE: Well data Freq. W/L meas.: Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: none Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: D-LOG 484 D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1179 ft. 479 Meas. REPT

Depth cased: 458 ft. 458 Casing type: steel Diam: 6-4 in.

Finish: (S) porous concrete, (perf.), (screen), gallery, end, (H) gravel w. horiz. open perf., screen, sd. pt., shored, open hole, other

Method drilled: (U) air bored, cable, dug, hyd jetted, (P) air reverse, (R) reverse trenching, driven, drive wash, other

Date drilled: 11-10-72 972 Pump intake setting: 315 ft. 315

Driller: ALMEDA WATER WELL SERVICE HOUSTON, TEXAS

Well type: (S) Deep (D) Shallow

Power (type): elec nat gas, gasoline, hand, gas, wind; H.P. 15 (U) Trans. of meter no.

Descrip. MP above ft. below LSD, Alt. MP

Alt. LSD: 24 24 Accuracy: 5' TOPOG

Water Level: 217 ft. above MP; Ft. below LSD 217 Accuracy: REPT

Date meas: 11-14-72 N 712 Yield: 200 gpm 200 Method determined

Drawdown: 0 ft. Accuracy: 0 hrs.

QUALITY OF WATER DATA: Iron ppm 0 Sulfate ppm 0 Chloride ppm 0 Hard. ppm 0

Sp. Conduct 0 K x 10⁶ Temp. 0 °F 0 Date sampled 0

Taste, color, etc.

Well No.

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 2 out of 3
State ID: 65-22-338

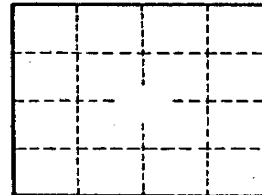
Well No. LJ 65-22-338

Latitude-longitude 29, 43, 25 ^N 095, 12, 00 _W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD
 Physiographic Province: Coastal Plain Section: _____
 Drainage Basin: 518 Subbasin: _____
 Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (H) (K) (L) (M) (N) (O) (P) (S) (T) (U) (V) _____
 offshore, pediment, hillside, terrace, undulating, valley flat _____
 MAJOR AQUIFER: _____ system _____ series _____ aquifer, formation, group Chicot _____
 Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft
 Length of well open to: 21 ft _____ Depth to top of: _____ ft _____
 MINOR AQUIFER: _____ system _____ series _____ aquifer, formation, group _____
 Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft
 Length of well open to: _____ ft _____ Depth to top of: _____ ft _____
 Intervals Screened: 458-479 010 Ga.
 Depth to consolidated rock: _____ ft _____ Source of data: _____
 Depth to basement: _____ ft _____ Source of data: _____
 Surficial material: _____ Infiltration characteristics: _____
 Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____
 Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

CSG 6"
CEMENTED FROM 254'-454'



Well No.

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 3 out of 3
State ID: 65-22-338

and original copy by certified mail to the Texas Water Development Board, P.O. Box 12386, Austin, Texas 78711	State of Texas WATER WELL REPORT	For TWDB use only Well No. <u>65-22-38</u> Located on map <u>2</u> Received: <u>7/3</u> Form GN 8 Form GN 9																																																					
3) OWNER: Person having well drilled <u>MANGONE SHIPBUILDING CO</u> Address <u>PO Box 5446 Houston 77012</u> (Name) (Street or RFD) (City) (State)																																																							
Landowner: _____ Address _____ (Name) (Street or RFD) (City) (State)																																																							
4) LOCATION OF WELL: County <u>Harris</u> Labor _____ League _____ Abstract No. _____ NW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section _____ Block No. _____ Survey _____ (Circle as many as are known) miles in _____ direction from <u>Houston</u> _____ (Town)																																																							
Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.																																																							
<p style="font-size: 2em; color: blue;">See attached map</p> <div style="text-align: right;"> NORTH ↑ </div>																																																							
1) TYPE OF WORK (Check): New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging <input type="checkbox"/>																																																							
4) PROPOSED USE (Check): Domestic <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Municipal <input type="checkbox"/> Irrigation <input type="checkbox"/> Test Well <input type="checkbox"/> Other <input type="checkbox"/>																																																							
5) TYPE OF WELL (Check): Rotary <input checked="" type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Cable <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/>																																																							
6) WELL LOG: Diameter of hole <u>5 7/8 + 8 3/4</u> in. Depth drilled <u>484</u> ft. Depth of completed well <u>479</u> ft. Date drilled <u>11-10-72</u> All measurements made from _____ ft. above ground level.																																																							
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>From (ft.)</th> <th>To (ft.)</th> <th>Description and color of formation material</th> </tr> </thead> <tbody> <tr><td>0</td><td>30</td><td>Fill</td></tr> <tr><td>30</td><td>80</td><td>Clay - Red</td></tr> <tr><td>80</td><td>105</td><td>Sand - fine Brown</td></tr> <tr><td>105</td><td>230</td><td>Clay - Red</td></tr> <tr><td>230</td><td>238</td><td>Sand - White - .006</td></tr> <tr><td>238</td><td>243</td><td>Clay - Red</td></tr> <tr><td>243</td><td>259</td><td>Sand - Clay - .008</td></tr> <tr><td>259</td><td>350</td><td>Clay - Red</td></tr> </tbody> </table>	From (ft.)	To (ft.)	Description and color of formation material	0	30	Fill	30	80	Clay - Red	80	105	Sand - fine Brown	105	230	Clay - Red	230	238	Sand - White - .006	238	243	Clay - Red	243	259	Sand - Clay - .008	259	350	Clay - Red	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>From (ft.)</th> <th>To (ft.)</th> <th>Description and color of formation material</th> </tr> </thead> <tbody> <tr><td>350</td><td>358</td><td>Sand - White - .008</td></tr> <tr><td>358</td><td>400</td><td>Clay - Light Blue</td></tr> <tr><td>400</td><td>408</td><td>Sand - White - .004</td></tr> <tr><td>408</td><td>416</td><td>Clay - Blue</td></tr> <tr><td>416</td><td>423</td><td>Sand - White - .004</td></tr> <tr><td>423</td><td>457</td><td>Clay - Red</td></tr> <tr><td>457</td><td>483</td><td>Sand - Brown - .010</td></tr> <tr><td>483</td><td>484</td><td>(See reverse side if necessary)</td></tr> </tbody> </table>	From (ft.)	To (ft.)	Description and color of formation material	350	358	Sand - White - .008	358	400	Clay - Light Blue	400	408	Sand - White - .004	408	416	Clay - Blue	416	423	Sand - White - .004	423	457	Clay - Red	457	483	Sand - Brown - .010	483	484	(See reverse side if necessary)
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423	457	Clay - Red																																																					
457	483	Sand - Brown - .010																																																					
483	484	(See reverse side if necessary)																																																					
7) COMPLETION (Check): Straight well <input checked="" type="checkbox"/> Gravel packed <input type="checkbox"/> Other <input type="checkbox"/> Under reamed <input type="checkbox"/> Open hole <input type="checkbox"/>																																																							
8) WATER LEVEL: Static level <u>217</u> ft. below land surface Date <u>11-14-72</u> Artesian pressure _____ lbs. per square inch Date _____																																																							
9) CASING: Type: old <input type="checkbox"/> New <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Plastic <input type="checkbox"/> Other <input type="checkbox"/> Cemented from <u>254</u> ft. to <u>454</u> ft.																																																							
10) SCREEN: Type <u>Standard underbar</u> Perforated <input type="checkbox"/> Slotted <input type="checkbox"/>																																																							
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Diameter (inches)</th> <th>Setting From (ft.)</th> <th>To (ft.)</th> <th>Gage</th> </tr> </thead> <tbody> <tr> <td>6"</td> <td>0</td> <td>454</td> <td>Rel. 40</td> </tr> </tbody> </table>	Diameter (inches)	Setting From (ft.)	To (ft.)	Gage	6"	0	454	Rel. 40	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Diameter (inches)</th> <th>Setting From (ft.)</th> <th>To (ft.)</th> <th>Slot size</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>458</td> <td>479</td> <td>.010</td> </tr> </tbody> </table>	Diameter (inches)	Setting From (ft.)	To (ft.)	Slot size	4	458	479	.010																																						
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Diameter (inches)	Setting From (ft.)	To (ft.)	Slot size																																																				
4	458	479	.010																																																				
11) WELL TESTS: Was a pump test made? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes by whom? <u>Blanchard compressor by drilled</u> Yield: <u>200</u> gpm with _____ ft. drawdown after _____ hrs Bailer test _____ gpm with _____ ft. drawdown after _____ hrs Artesian flow _____ gpm Date _____ Temperature of water _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Did any strata contain undesirable water? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Type of water? _____ depth of strata _____																																																							
12) PUMP DATA: Manufacturer's Name <u>Jacuzzi</u> Type <u>Submersible Turbine</u> H.P. <u>15</u> Designed pumping rate <u>175</u> gpm <input type="checkbox"/> sph <input type="checkbox"/> Type power unit <u>Electric</u> Depth to bowl of cylinder, jet, etc., <u>315</u> ft. below land surface.																																																							
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.																																																							
NAME <u>John A. Pyburn</u> Water Well Drillers Registration No. <u>843</u> (Type or Print) Address <u>13910 Alameda School Rd</u> <u>HOUSTON, TEXAS</u> (City) (Signed) <u>John A. Pyburn</u> <u>Alameda Water Well Service</u> (Water Well Driller) (Company Name)																																																							
Please attach electric log, chemical analysis, and other pertinent information, if available.																																																							

65-22-338

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 415 Distance from Property: 4.87 mi. ESE

WELL ID: 3113
OWNERS NAME: PACIFIC EASTERN BARGE TERMINAL
YEAR DRILLED: 1972
DEPTH DRILLED: NOT REPORTED
STATIC LEVEL: NOT REPORTED
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.283538000
LATITUDE: 29.723446000
SOURCE: HGSD



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SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 416 Distance from Property: 4.87 mi. W

TRACK #: 141269

DATE ENTERED: 2008-05-07

OWNER NAME: BOB LANIER

OWNER ADDRESS: 3665 WILLOWICK
HOUSTON, TX 77019

COUNTY: HARRIS

LATITUDE: 29.755834000 LONGITUDE: -95.434722000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=141269&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2008-03-19

DRILLING DATE (COMPLETED): 2008-03-20

DEPTH DRILLED: 535'

WATER LEVEL:

STATIC LEVEL: 200'

WATER LEVEL DATE: 2008-03-24

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

DOMESTIC

COMPANY INFORMATION:

COMPANY NAME: SCOTT DRILLING INC

COMPANY ADDRESS: 11923 GREEN PINE CIRCLE
HOUSTON, TX 77066



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SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 416 Distance from Property: 4.87 mi. W

TRACK #: 147326

DATE ENTERED: 2008-07-23

OWNER NAME: ROBERT LANIER

OWNER ADDRESS: 3665 WILLOWICK
HOUSTON, TX 77019

COUNTY: HARRIS

LATITUDE: 29.755834000 LONGITUDE: -95.434722000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=147326&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2008-05-12

DRILLING DATE (COMPLETED): 2008-05-24

DEPTH DRILLED: 325'

WATER LEVEL:

STATIC LEVEL: 165'

WATER LEVEL DATE: 2008-06-30

TYPE OF WATER: NOT REPORTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: SCOTT DRILLING INC

COMPANY ADDRESS: 11923 GREEN PINE CIRCLE
HOUSTON, TX 77066



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 417 Distance from Property: 4.87 mi. W

ID NUMBER: TX205797
STATE ID : 65-13-8
OWNER NAME: UNLIMITED GREENERY
DATE DRILLED: 09/22/1998
DEPTH DRILLED: 455'
STATIC LEVEL: 226'
WATER USAGE: DOMESTIC
LONGITUDE: -95.434111000
LATITUDE: 29.752585000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 205797

Send original copy by certified return receipt requested to: TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3087

ATTENTION OWNER: Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)		State of Texas WELL REPORT		Texas Water Well Drillers Advisory Council MC 177 P.O. Box 13087 Austin, TX 78711-3087 512-239-0530	
1) OWNER <u>Unlimited Greenery</u> ADDRESS <u>500 Britmore, Ste 401 HSTN TX 77043</u>					
2) ADDRESS OF WELL: County <u>Harris</u> <u>3610 Willowick Houston TX</u> GRID # <u>65-13-8</u>					
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No		5)	
6) WELL LOG: Date Drilling: Started <u>9-21</u> 19 <u>98</u> Completed <u>9-22</u> 19 <u>98</u>		DIAMETER OF HOLE Dia. (in.) From (ft.) To (ft.) <u>6 3/4</u> Surface <u>420</u> <u>3 7/8</u> <u>420</u> <u>435</u>		7) DRILLING METHOD (Check): <input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____	
From (ft.) To (ft.) Description and color of formation material <u>0</u> <u>415</u> <u>Unconsolidated</u> <u>415</u> <u>425</u> <u>Sand</u> <u>425</u> <u>435</u> <u>Clay</u> <u>435</u> <u>455</u> <u>Sand</u>		8) Borehole Completion (Check): <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give interval ... from _____ ft. to _____ ft.			
		CASING, BLANK PIPE, AND WELL SCREEN DATA:			
		Dia. (in.) New or Used Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial		Setting (ft.) From To Gage Casting Screen	
		<u>4</u> <u>N</u> <u>PVC</u>		<u>0</u> <u>420</u>	
		<u>2.5</u> <u>N</u> <u>GALVANIZED</u>		<u>415</u> <u>435</u>	
		<u>2.5</u> <u>N</u> <u>PVC SCREEN</u>		<u>435</u> <u>455</u> .012	
		9) CEMENTING DATA [Rule 338.44(1)] Cemented from <u>0</u> ft. to <u>100</u> ft. No. of sacks used <u>17</u> <u>370</u> ft. to <u>420</u> ft. No. of sacks used <u>3</u> Method used <u>Halliburton / Trimme</u> Cemented by <u>Bussell & Son</u> Distance to septic system field lines or other concentrated contamination _____ ft. Method of verification of above distance _____			
13) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowls, cylinder, jet, etc., _____ ft.		10) SURFACE COMPLETION <input type="checkbox"/> Specified Surface Slab Installed [Rule 338.44(2)(A)] <input checked="" type="checkbox"/> Specified Steel Sleeve Installed [Rule 338.44(3)(A)] <input type="checkbox"/> Pitless Adapter Used [Rule 338.44(3)(b)] <input type="checkbox"/> Approved Alternative Procedure Used [Rule 338.71]			
14) WELL TESTS: Type test: <input type="checkbox"/> Pump <input type="checkbox"/> Bailor <input checked="" type="checkbox"/> Jetted <input checked="" type="checkbox"/> Estimated Yield: _____ gpm with _____ ft. drawdown after _____ hrs.		11) WATER LEVEL: Static level <u>226</u> ft. below land surface Date <u>9-22-98</u> Artesian flow _____ gpm. Date _____			
15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		12) PACKERS: Type Depth <u>K-Packer</u> <u>415</u>			
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.					
COMPANY NAME <u>Bussell & Son</u>		WELL DRILLER'S LICENSE NO. <u>2035</u> 1098			
ADDRESS <u>PO Box 874</u>		<u>Tomball</u>		<u>TX</u> <u>77377-0874</u>	
(Signed) <u>Chay Bussell</u> (Licensed Well Driller)		(Signed) <u>David Young</u> (Registered Driller Trainee)			

TNRCC-0199 (Rev. 05-21-96)

White - TNRCC

Yellow - DRILLER

Pink - WELL OWNER



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 418 Distance from Property: 4.88 mi. SSW

STATE ID: 65-21-626

OWNER'S NAME: LABBCO, INC.

DATE DRILLED: 00/00/1987

DEPTH DRILLED: 304'

WATER USAGE: INDUSTRIAL

LONGITUDE: -95.385445000

LATITUDE: 29.695234000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521626/6521626.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-21-626

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 21 626 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 41 40 Longitude - 95 23 08 Source of Coords - 1

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____
Owner - Labcco, Inc. Driller - Swinehart

Address _____ Tenant/Oper. _____
Date Drilled - / /1987 Depth - 304 ft. Source of Depth - D Altitude - 49 ft. Source of Alt. - M
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User -
WELL Const. Casing Material - STEEL | Casing or Blank Pipe (C)
CONSTRUCTION Method - HYDRAULIC ROTARY Screen Material - STEEL | Well Screen or Slotted Zone (|
Completion - SCREEN Material - STEEL | Open Hole (O)
LIFT DATA - Pump Mfr. _____ Type - SUBMERSIBLE PUMP No. Stages _____ | Cemented from _____ to _____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in. | Diam. Setting(feet)
Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - | (in.) From To
YIELD Flow- _____ GPM Pump- _____ GPM Meas..Rept..Est- _____ Date- _____ |
PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM |
Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft |
QUALITY (Remarks- _____ |
WATER USE Primary- INDUSTRIAL Secondary- _____ Tertiary- _____ |
OTHER DATA AVAILABLE Water Levels- Quality- Logs- Other Data- |
WATER LEVELS Date- / / Measurement- |
Date- / / Measurement- |
Recorded By _____ Date Record Collected or Updated- 12/15/1987 |

Reporting Agency -
REMARKS -

Aquifer - 112CHCT
Well No. - 65 21 626



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 418 Distance from Property: 4.88 mi. SSW

ID NUMBER: TX203787
STATE ID : 65-21-6
OWNER NAME: LABBCO
DATE DRILLED: 11/??/1987
DEPTH DRILLED: 287'
STATIC LEVEL: 149'
WATER USAGE: RETURN
LONGITUDE: -95.385445000
LATITUDE: 29.695230000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 203787

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711	State of Texas WATER WELL REPORT ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side	Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711																														
1) OWNER: <u>Labbco</u> (Name) Address: <u>P.O. Box 30016 Houston, Texas 72230-1116</u> (Street or RFD) (City) (State) (Zip)																																
2) LOCATION OF WELL: <u>Harris</u> County miles in <u>6.1</u> (N, E, S, W., etc.) direction from <u>Downtown Houston</u> (Town)																																
Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.																																
Legal description: Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____ Distance and direction from two intersecting section or survey lines _____																																
This well is <u>Labbco's return</u> <input checked="" type="checkbox"/> See attached map. <u>well #2. Well is off Alice st.</u>																																
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging																																
4) PROPOSED USE (Check): <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Public Supply <input type="checkbox"/> Irrigation <input type="checkbox"/> Test Well <input type="checkbox"/> Other <u>return</u>																																
5) DRILLING METHOD (Check): <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Air Hammer <input type="checkbox"/> Driven <input type="checkbox"/> Bored <input type="checkbox"/> Air Rotary <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____																																
6) WELL LOG: Date drilled <u>Nov. 87</u>																																
DIAMETER OF HOLE: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>From (ft.)</th> <th>To (ft.)</th> <th>Description and color of formation material</th> </tr> <tr> <td>0</td> <td>5</td> <td>clay</td> </tr> <tr> <td>5</td> <td>10</td> <td>sand</td> </tr> <tr> <td>10</td> <td>20</td> <td>clay</td> </tr> <tr> <td>20</td> <td>24</td> <td>sand</td> </tr> <tr> <td>24</td> <td>49</td> <td>clay</td> </tr> <tr> <td>49</td> <td>56</td> <td>red sand</td> </tr> <tr> <td>56</td> <td>246</td> <td>clay</td> </tr> <tr> <td>246</td> <td>287</td> <td>sand</td> </tr> <tr> <td>287</td> <td></td> <td></td> </tr> </table>			From (ft.)	To (ft.)	Description and color of formation material	0	5	clay	5	10	sand	10	20	clay	20	24	sand	24	49	clay	49	56	red sand	56	246	clay	246	287	sand	287		
From (ft.)	To (ft.)	Description and color of formation material																														
0	5	clay																														
5	10	sand																														
10	20	clay																														
20	24	sand																														
24	49	clay																														
49	56	red sand																														
56	246	clay																														
246	287	sand																														
287																																
7) BOREHOLE COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Straight Wall <input type="checkbox"/> Underreamed <input checked="" type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give interval . . . from <u>50</u> ft. to <u>287</u> ft.																																
8) CASING, BLANK PIPE, AND WELL SCREEN DATA: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Dia. (in.)</th> <th rowspan="2">New or Used</th> <th rowspan="2">Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial</th> <th colspan="2">Setting (ft.)</th> <th rowspan="2">Gage Casing Screen</th> </tr> <tr> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>N</td> <td>plastic casing</td> <td>+1.4</td> <td>245</td> <td>40</td> </tr> <tr> <td>4</td> <td>N</td> <td>plastic slots</td> <td>245</td> <td>285</td> <td>40GA.</td> </tr> </tbody> </table>			Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen	From	To	4	N	plastic casing	+1.4	245	40	4	N	plastic slots	245	285	40GA.										
Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial				Setting (ft.)			Gage Casing Screen																							
			From	To																												
4	N	plastic casing	+1.4	245	40																											
4	N	plastic slots	245	285	40GA.																											
CEMENTING DATA Cemented from <u>Ground level</u> ft. to <u>245'</u> ft. Method used <u>Halliburton method</u> Cemented by <u>Swinehart Co.</u> (Company or Individual)																																
9) WATER LEVEL: Static level <u>149</u> ft. below land surface Date <u>1 Dec. 87</u> Artesian flow _____ gpm. Date _____																																
10) PACKERS: Type _____ Depth <u>none</u>																																
RECEIVED AUG 24 1988 TEXAS WATER COMMISSION																																
11) TYPE PUMP: <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other: <u>return well - None</u> Depth to pump bowls, cylinder, jet, etc., _____ ft.																																
12) WELL TESTS: <input type="checkbox"/> Type Test <input type="checkbox"/> Pump <input type="checkbox"/> Bailor <input checked="" type="checkbox"/> Jetted <input checked="" type="checkbox"/> Estimated Yield: <u>75</u> gpm with <u>15</u> ft. drawdown after <u>1</u> hrs.																																
13) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? _____ Depth of strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																																
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.																																
COMPANY NAME <u>E.J. Swinehart Co, Inc</u> (Type of Firm) Water Well Driller's License No. <u>229</u>																																
ADDRESS <u>7524 N. Freeway Houston, Texas 77037</u> (Street or RFD) (City) (State) (Zip)																																
(Signed) <u>[Signature]</u> (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)																																
Please attach electric log, chemical analysis, and other pertinent information, if available. For TDWR use only. Well No. <u>65-216</u> Located on map _____																																



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 418 Distance from Property: 4.88 mi. SSW

ID NUMBER: TX203788
STATE ID : 65-21-6
OWNER NAME: LABBCO
DATE DRILLED: 07/??/1988
DEPTH DRILLED: 291'
STATIC LEVEL: 146'
WATER USAGE: RETURN
LONGITUDE: -95.385445000
LATITUDE: 29.695230000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 418 Distance from Property: 4.88 mi. SSW

ID NUMBER: TX170497
STATE ID : 65-21-6
OWNER NAME: LABBCO INC
DATE DRILLED: 06/18/1987
DEPTH DRILLED: 306'
STATIC LEVEL: 148'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.385445000
LATITUDE: 29.695230000

2 PAGE(S) OF DRILLERS' LOGS

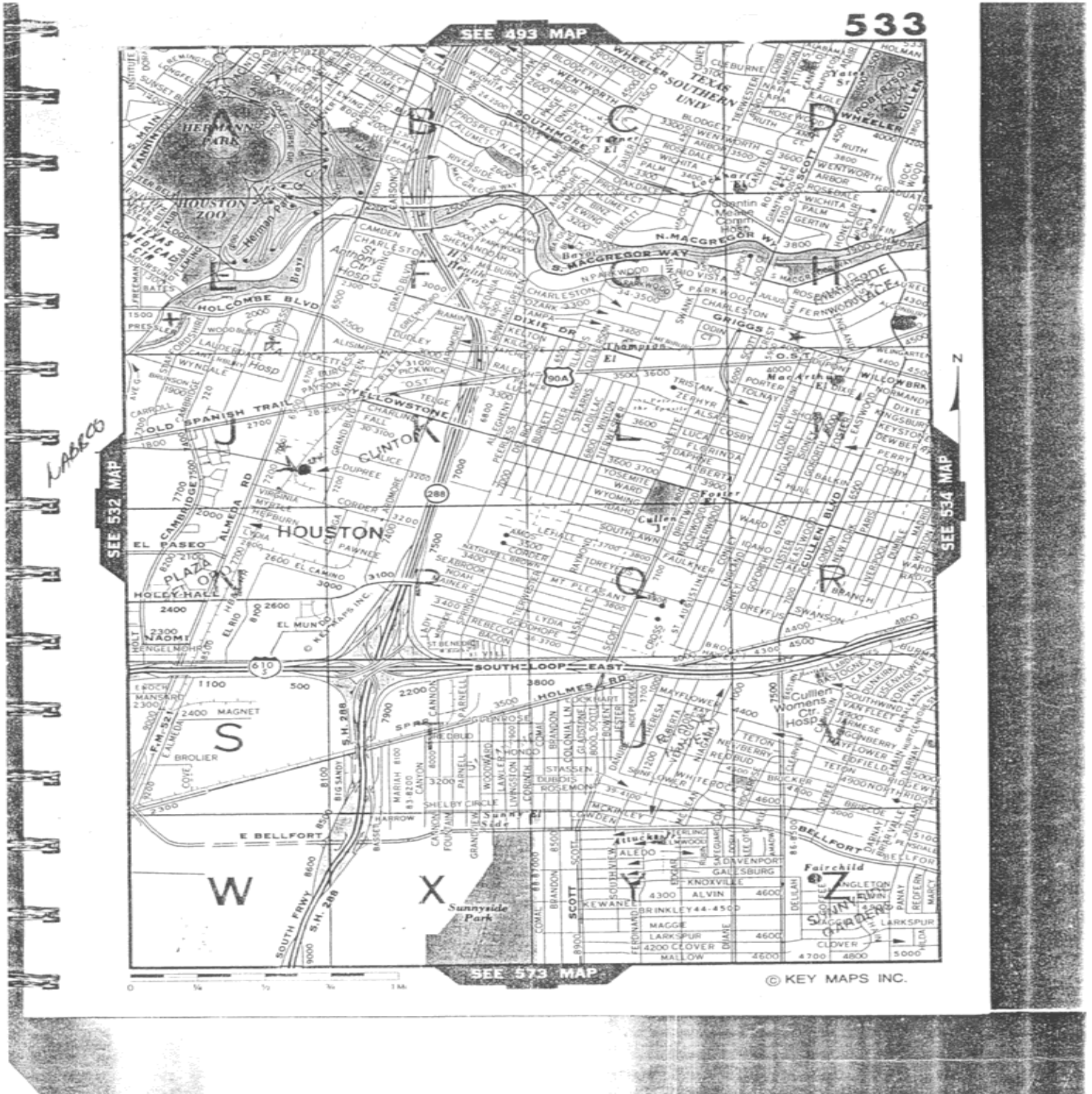


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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2

Water Well ID: 170497



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 2 out of 2
Water Well ID: 170497

Please use black ink. Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

**State of Texas
WATER WELL REPORT**

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Labboo Inc (Name) Address 2903 Dupree Houston 77054 (Street or R.F.D.) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 61 miles in South direction from DT Houston (N.E., S.W., etc.) (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map.

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other _____

5) DRILLING METHOD (Check): Driven Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other _____

6) WELL LOG:
Date Drilling: Started 10 June 1987 Completed 18 June 1987

DIAMETER OF HOLE		Description and color of formation material	
Dia. (in.)	From (ft.)	To (ft.)	
6 1/2	Surface	306	clay 25' sand 40' clay 48 sand 68'
12 1/4	"	270-26	clay 166 sand 190 clay 248 sand 305'
17 7/8	270	306	clay 306'

7) BOREHOLE COMPLETION: Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
If Gravel Packed give interval: . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
8	N	steel casing	+1 1/2	270	.323
6	N	Lap & Liner	261	273	.19
6	N	SS RB HS Screen	273	304	.16
6	N	Set shoe & BPV			

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 270 ft. to 61 ft. No. of Sacks Used 60
_____ ft. to _____ ft. No. of Sacks Used _____
Method used Halliburton
Cemented by Swinehart Co.

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pritess Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 148 ft. below land surface Date 25 June
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth
8x6 lead seal 261'
8x6 K-Packer 259'

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc. 214' ft.

14) WELL TESTS:
Type Test: Pump Bailor Jetted Estimated
Yield: 200 gpm with 28 ft. drawdown after 1 hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water: _____ Depth of strata: _____
Was a chemical analysis made? Yes No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME B.J. Swinehart Co., Inc Water Well Driller's License No. 229W
(Type or Print)

ADDRESS 7524 N. Freeway Houston, Texas 677037
(Street or R.F.D.) (City) (State) (Zip)

(Signed) [Signature] (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 6521-6
Located on map

TWC-0392 (Rev. 06-10-85)

TEXAS WATER COMMISSION COPY

ewB

170497x



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UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 418 Distance from Property: 4.88 mi. SSW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **294140095230802**

STATION NAME: **LJ-65-21-626**

SITE TYPE: **GW**

LATITUDE: **29.695241000** LONGITUDE: **-95.385446000**

DATE DRILLED: **06/18/1987**

WELL DEPTH: **304 feet**

HOLE DEPTH: **306 feet**

LOCAL AQUIFER: **CHICOT AQUIFER**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 418 Distance from Property: 4.88 mi. SSW

WELL ID: 1987
OWNERS NAME: LABBCO, INC.
YEAR DRILLED: 1971
DEPTH DRILLED: 504'
STATIC LEVEL: 470'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.385445000
LATITUDE: 29.695230000
SOURCE: HGSD



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SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 419 Distance from Property: 4.88 mi. W

TRACK #: 413949

DATE ENTERED: 2015-11-17

OWNER NAME: RAYMOND, JOHN

OWNER ADDRESS: 3640 WILLOWICK
HOUSTON, TX 77019

COUNTY: HARRIS

LATITUDE: 29.753889000 LONGITUDE: -95.434444000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=413949&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2015-08-19

DRILLING DATE (COMPLETED): 2015-08-26

DEPTH DRILLED: 365'

WATER LEVEL:

STATIC LEVEL: 189'

WATER LEVEL DATE: 2015-08-26

TYPE OF WATER: NOT TESTED

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: ALMEDA WATER WELL SERVICE

COMPANY ADDRESS: PO BOX 266
MANVEL, TX 77578



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 419 Distance from Property: 4.88 mi. W

WELL ID: 13287
OWNERS NAME: RAYMOND, JOHN & LEIGH ANNE
YEAR DRILLED: Not Reported
DEPTH DRILLED: 400'
STATIC LEVEL: 370'
WATER USAGE: LAKE/POND/POOL
WELL STATUS: PLUGGED
LONGITUDE: -95.434404000
LATITUDE: 29.754232000
SOURCE: HGSD



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 420 Distance from Property: 4.89 mi. SSW

WELL ID: **5549**
OWNERS NAME: **ENERGY TRANSFER DATA CENTER**
YEAR DRILLED: **1979**
DEPTH DRILLED: **NOT REPORTED**
STATIC LEVEL: **NOT REPORTED**
WATER USAGE: **OTHER**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.380761000**
LATITUDE: **29.693449000**
SOURCE: **HGSD**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 421 Distance from Property: 4.89 mi. SSW

WELL ID: 1866
OWNERS NAME: GRAY TOOL COMPANY
YEAR DRILLED: 1987
DEPTH DRILLED: 490'
STATIC LEVEL: NOT REPORTED
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.378673000
LATITUDE: 29.692785000
SOURCE: HGSD



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 421 Distance from Property: 4.89 mi. SSW

STATE ID: 65-21-621

OWNER'S NAME: GRAY TOOL CO.

DATE DRILLED: 00/00/1971

DEPTH DRILLED: 442'

WATER USAGE: INDUSTRIAL

LONGITUDE: -95.378669000

LATITUDE: 29.692778000

SOURCE: TWDB

DOCUMENT LINK: <http://s3.amazonaws.com/wellpdfs/documents/6521621/6521621.pdf>



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TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

Page # 1 out of 1
State ID: 65-21-621

Texas Water Development Board Well Schedule

State Well Number 6521621 Previous Well Number County Harris 201
River Basin 10 San Jacinto River Zone 1 Latitude 294127 Longitude 952243 Source of Coords 2

Owner's Well No. _____ Location _____
Owner Gray Tool Co. Driller A. Chrysty Kuhlmann

Address _____ Tenant/Oper. _____

Date Drilled / /1971 Depth 442 Source of Depth Altitude 48 Source of Alt.
Well Type W User

WELL CONSTRUCTION Const-Method Completion Casing Material Screen Material
Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from _____ to _____

LIFT DATA - Pump Mfr. - _____ Type - SUBMERSIBLE PUMP No. Stages _____
Bowls Diam - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - _____
YIELD Flow- _____ GPM Pump _____ GPM Meas.,Rept.,Est.- _____ Date- _____

WATER USE Primary - INDUSTRIAL Secondary - Tertiary -

OTHER DATA AVAILABLE Water Levels - M Quality - N Logs - Other Data -

WATER LEVELS 1 measurement
1971
-197

Recorded By _____ Date Record Collected or Updated - 02/20/2003
Reporting Agency 01

REMARKS -
TWDB Report 178: Screen from 412 to 442 ft.
Yield: 110 gpm with 15 ft. drawdown when drilled.

Aquifer - 112CHCTL ID - 15
CHICOT
AQUIFER,LOWER

Wednesday, March 29, 2006

Well Number - 6521621



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 421 Distance from Property: 4.89 mi. SSW

ID NUMBER: TX181636
STATE ID : N/A
OWNER NAME: GRAY TOOL CO
DATE DRILLED: 02/01/1971
DEPTH DRILLED: 442'
STATIC LEVEL: 197'
WATER USAGE: INDUSTRIAL
LONGITUDE: -95.378679000
LATITUDE: 29.692769000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 181636

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711		State of Texas WATER WELL REPORT	For TWDS use only Well No. _____ Located on map <u>NTD</u> Received: <u>1/1</u>
1) OWNER: Person having well drilled <u>Gray Tool Co.</u> Address <u>7135 Ardmore, Houston, Texas</u> (Name) (Street or RFD) (City) (State)			
Landowner <u>Gray Tool Co.</u> Address <u>same</u> (Name) (Street or RFD) (City) (State)			
2) LOCATION OF WELL: County <u>Harris</u> _____ miles in _____ direction from _____ (Town) (N., E., S., W., etc.) Locate by sketch map showing landmarks, roads, creeks, or Give legal location with distances and directions from adjacent sections or survey lines. Labor _____ League _____ Block _____ Survey _____ Abstract No. _____ (NW¼ NE¼ SW¼ SE¼) of Section _____ (Use reverse side if necessary)			
3) TYPE OF WORK (Check): New Well <input checked="" type="checkbox"/> Deepening _____ Reconditioning _____ Plugging _____		4) PROPOSED USE (Check): Domestic _____ Industrial <input checked="" type="checkbox"/> Municipal _____ Irrigation _____ Test Well _____ Other _____	
5) TYPE OF WELL (Check): Rotary <input checked="" type="checkbox"/> Driven _____ Dug _____ Cable _____ Jetted _____ Bored _____			
6) WELL LOG: Diameter of hole <u>8-3/4</u> in. Depth drilled <u>442</u> ft. Depth of completed well <u>442</u> ft. Date drilled <u>2/1/71</u> All measurements made from <u>Ground</u> ft. above ground level.			
From To Description and color of formation material (ft.) (ft.)		9) CASING: Type: Old _____ New <input checked="" type="checkbox"/> Steel _____ Plastic _____ Other _____ Cemented from <u>401</u> ft. to <u>275</u> ft.	
0 - 45 Clay		Diameter (inches) _____ Setting From (ft.) To (ft.) Casing 6-5/8 Surface 401 19#	
45 - 60 Red Sand			
60 - 130 Clay			
130 - 145 Sand			
145 - 170 Clay			
170 - 185 Fine Sand			
185 - 399 Clay		10) SCREEN: Type <u>Underbar - Stainless Steel</u>	
399 - 442 Sand - 14-Gauge		Perforated _____ Slotted _____ Diameter (inches) <u>4 1/2</u> From (ft.) Setting To (ft.) Slot Size <u>412</u> <u>442</u>	
(Use reverse side if necessary)			
7) COMPLETION (Check): Straight wall _____ Gravel packed _____ Other _____ Under reamed _____ Open Hole <u>2 String</u> <u>6 X 4</u>		11) WELL TESTS: Was a pump test made? Yes <input checked="" type="checkbox"/> No _____ If yes, by whom? <u>A. C. Kuhlmann</u> Yield: <u>110</u> gpm with <u>15</u> ft. drawdown after <u>24</u> hrs. Bailer test _____ gpm with _____ ft. drawdown after _____ hrs. Artesian flow _____ gpm Temperature of water _____	
8) WATER LEVEL: Static level <u>197</u> ft. below land surface Date <u>2/1/71</u> Artesian pressure _____ lbs. per square inch Date _____ Depth to pump bowls, cylinder, jet, etc., <u>273</u> ft. below land surface.		12) WATER QUALITY: Was a chemical analysis made? Yes _____ No <input checked="" type="checkbox"/> Did any strata contain undesirable water? Yes _____ No <input checked="" type="checkbox"/> Type of water? <u>Good</u> depth of strata <u>43'</u>	
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.			
NAME <u>A. CHRYSTY KUHLMANN</u> (Type or Print)		Water Well Drillers Registration No. <u>IX 139</u>	
ADDRESS <u>5523 Lawson</u> <u>Houston</u> <u>Texas 77023</u> (Street or RFD) (City) (State)			
(Signed) <u>A. Chrysty Kuhlmann</u> (Water Well Driller)		<u>A. Chrysty Kuhlmann</u> (Company Name)	
Please attach electric log, chemical analysis, and other pertinent information, if available.			

TX65022027

181636

*Additional instructions on reverse side.
TWDS-E-GW-53

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 421 Distance from Property: 4.89 mi. SSW

WELL ID: 1865
OWNERS NAME: GRAY TOOL COMPANY
YEAR DRILLED: 1971
DEPTH DRILLED: 442'
STATIC LEVEL: 412'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.378679000
LATITUDE: 29.692769000
SOURCE: HGSD



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 422 Distance from Property: 4.89 mi. SSE

WELL ID: 2108
OWNERS NAME: PETROLITE CORPORATION
YEAR DRILLED: 1940
DEPTH DRILLED: 500'
STATIC LEVEL: 478'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.329929000
LATITUDE: 29.692057000
SOURCE: HGSD



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SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 423 Distance from Property: 4.91 mi. SSW

TRACK #: 51217

DATE ENTERED: 2005-01-10

OWNER NAME: PICERNE DEVELOPMENT

OWNER ADDRESS: 247 N WESTMONTE DR.
ALTAMONTE, FL 32714

COUNTY: HARRIS

LATITUDE: 29.692222000 LONGITUDE: -95.375000000

REPORT LINK: <https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=51217&Type=SDR-Well>

WELL LOG:

DRILLING DATE (STARTED): 2004-12-10

DRILLING DATE (COMPLETED): 2004-12-11

DEPTH DRILLED: 420'

WATER LEVEL:

STATIC LEVEL: 190'

WATER LEVEL DATE: 2004-12-10

TYPE OF WATER: GOOD

TYPE OF WORK:

NEW WELL

PROPOSED USE:

IRRIGATION

COMPANY INFORMATION:

COMPANY NAME: DAVISON WATER WELL SERVICE

COMPANY ADDRESS: P. O. BOX 759
ALVIN, TX 77512



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 423 Distance from Property: 4.91 mi. SSW

WELL ID: **9925**
OWNERS NAME: **PARKSIDE POINT, GOOD HARBOR MANAGEMENT**
YEAR DRILLED: **2004**
DEPTH DRILLED: **450'**
STATIC LEVEL: **430'**
WATER USAGE: **LAKE/POND/POOL**
WELL STATUS: **ACTIVE**
LONGITUDE: **-95.376118000**
LATITUDE: **29.691850000**
SOURCE: **HGSD**



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 424 Distance from Property: 4.93 mi. N

WELL ID: **6006**
OWNERS NAME: **LAM, ANDY**
YEAR DRILLED: **1997**
DEPTH DRILLED: **400'**
STATIC LEVEL: **380'**
WATER USAGE: **INDUSTRIAL**
WELL STATUS: **PLUGGED**
LONGITUDE: **-95.340545000**
LATITUDE: **29.830858000**
SOURCE: **HGSD**



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 425 Distance from Property: 4.94 mi. W

ID NUMBER: TX206125
STATE ID : 65-13-8
OWNER NAME: WINDHAM BUILDERS
DATE DRILLED: 04/24/2002
DEPTH DRILLED: 386'
STATIC LEVEL: 196'
WATER USAGE: SINGLE FAMILY RESID
LONGITUDE: -95.435524000
LATITUDE: 29.754604000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 206125

101

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side
STATE OF TEXAS WATER WELL REPORT

1) OWNER: WINDHAM BUILDERS ADDRESS: 3606 KNOLLWOOD CITY: HOUSTON STATE: TX ZIP: -

2) ADDRESS OF WELL: County: HARRIS GRID # 65-13-8
Street or RFD: LAT.-29-45.29N LONG.-095-26.14W
City, State, Zip code: HOUSTON TX -

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: SINGLE FAMILY RESID
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 02290	DIAMETER OF HOLE	7) DRILLING METHOD:	8) BOREHOLE COMPLETION:
DATE DRILLING: STARTED: 04/24/02 COMPLETED:	DIAMETER FROM TO 8.5 0 366 4.875 366 386	MUD ROTARY	TWO STRING/K-PACKER IF GRAVEL... FROM FT. TO FT. FROM FT. TO FT.

CASING, BLANK PIPE, AND WELL SCREEN DATA:				
DIA	NEW/USED	DESCRIPTION	FROM	TO
5.0	N	P.V.C. S.D.R.17	0	366
3.0	N	P.V.C. SCH.40	360	366
3.0	N	P.V.C. - SLOTTED	366	386

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	4	FILL SOIL
4	14	CLAY-TAN
14	30	CLAY-BROWN
30	55	SAND-TAN-.006-.008
55	85	CLAY-RED
85	136	SAND-TAN-.010-.012 BROKEN SAND & CLAY
136	175	CLAY-BROWN
175	193	SAND-TAN-.010-.012
193	206	CLAY-RED
206	235	SAND-TAN-.010-.012 SAND-TAN-.014-.020
235	295	CLAY-RED
295	318	SAND-TAN-.010-.012 SAND-TAN-.014-.020
318	366	CLAY-RED CLAY-BLUE
366	386	SAND-WHITE-.010-.012 SAND-WHITE-.014-.020
386	387	CLAY-RED

9) CEMENTING DATA:
Cemented from 0 FT. TO 366 FT. No. of Sacks Used 65
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AAMS
Distance to septic field lines: n/a ft.
Method of verification of above distance: CITY SEWER

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 196 FT. DATE: 04/26/02
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:	TYPE	DEPTH
	K-PACKER	360
	K-PACKER	361

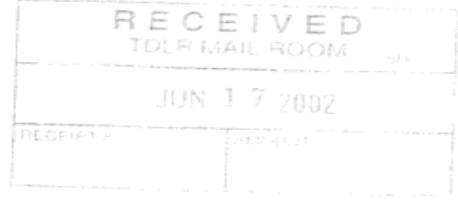
13) TYPE PUMP: SUBMERSIBLE DEPTH TO PUMP:
14) WELL TEST: JETTED YIELD: 150 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY: TYPE OF WATER: GOOD DEPTH OF STRATA: 386 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2843,2350 FOR TWC USE ONLY
ADDRESS: P.O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578 WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Carl Loftin (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER TRAINEE)



HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 426 Distance from Property: 4.95 mi. ESE

WELL ID: 2013
OWNERS NAME: DICKSON INDUSTRIAL DISTRICT
YEAR DRILLED: 1942
DEPTH DRILLED: 792'
STATIC LEVEL: 620'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.275556000
LATITUDE: 29.735278000
SOURCE: HGSD



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 427 Distance from Property: 4.95 mi. N

ID NUMBER: TX199440
STATE ID : 65-14-4
OWNER NAME: NGUYEN, NGHINH
DATE DRILLED: 12/30/1997
DEPTH DRILLED: 451'
STATIC LEVEL: 229'
WATER USAGE: COMMERCIAL
LONGITUDE: -95.341741000
LATITUDE: 29.831326000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 428 Distance from Property: 4.95 mi. WNW

ID NUMBER: TX199086
STATE ID : 65-13-8G
OWNER NAME: AUTOMATION PRODUCTS, INC.
DATE DRILLED: 11/24/1974
DEPTH DRILLED: 287'
STATIC LEVEL: 87'
WATER USAGE: DOMESTIC
LONGITUDE: -95.430835000
LATITUDE: 29.785099000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 199086

45
65-13-86

Send original copy by certified mail to the Texas Water Development Board, P.O. Box 13087, Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TWDB use only
Well No. 65-13-86
Located on map: Yes
Received: 7/25/74
dk

1) OWNER:
Person having well drilled: Automation Products, Inc. Address: 3030 Maxroy St. Houston, Texas
(Name) (Street or RFD) (City) (State)

Landowner: _____ Address: _____ (City) (State)

2) LOCATION OF WELL:
County: LARKIS miles in _____ direction from _____
(N.E., S.W., etc.) (Town)

Locate by sketch map showing landmarks, roads, creeks, highway number, etc.*
3030 MAXROY
map no. 65-31-2N North ↑

(Use reverse side if necessary)

3) TYPE OF WORK (Check):
New Well Deepening _____
Reconditioning _____ Plugging _____

4) PROPOSED USE (Check):
Domestic _____ Industrial _____ Municipal _____
Irrigation _____ Test Well _____ Other _____

5) TYPE OF WELL (Check):
Rotary Driven _____ Dug _____
Cable _____ Jetted _____ Bored _____

6) WELL LOG:
Diameter of hole 6 1/2 in. Depth drilled 287 ft. Depth of completed well 287 ft. Date drilled 11/24/74
All measurements made from 4 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	3	Top Soil
3	260	Unconsolidated
260	287	Sand

9) CASING:
Type: Old Steel _____ Plastic _____ Other _____
Cemented from 209 ft. to 264 ft.

Diameter (inches)	Setting		Cage
	From (ft.)	To (ft.)	
<u>4</u>	0	264	40
<u>2</u>	264	277	40

10) SCREEN:
Type: SSR
Perforated _____ Slotted _____

Diameter (inches)	Setting		Slot Size
	From (ft.)	To (ft.)	
<u>2</u>	277	287	.016

7) COMPLETION (Check):
Straight wall _____ Gravel packed _____ Other _____
Under reamed _____ Open Hole _____

8) WATER LEVEL:
Static level 87' ft. below land surface Date 11/25/74
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 129' ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes If yes, by whom? _____
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes
Did any strata contain undesirable water? Yes No _____
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME: Carl Russell Water Well Drillers Registration No. 1581
(Type or Print)

ADDRESS: 599 Pinemont Houston Texas
(Street or RFD) (City) (State)

(Signed) Carl Russell Russell & Son, Inc.
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 429 Distance from Property: 4.96 mi. SW

ID NUMBER: TX206841
STATE ID : 65-21-6
OWNER NAME: HOUSTON HEALTH SCIENCE
DATE DRILLED: 04/06/2000
DEPTH DRILLED: 424'
STATIC LEVEL: 210'
WATER USAGE: DOMESTIC
LONGITUDE: -95.403275000
LATITUDE: 29.703021000

1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 206841

ATTENTION OWNER: Confidentiality STATE OF TEXAS
Privilege Notice on Reverse Side WATER WELL REPORT

1) OWNER: HOUSTON HEALTH SCIENCE ADDRESS: 7000 FANNIN CITY: HOUSTON STATE: TX ZIP: -

2) ADDRESS OF WELL: 5)
County: HARRIS GRID # 65-21-6
Street or RFD: 7000 FANNIN
City, State, Zip code: HOUSTON, TX -

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: DOMESTIC
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 21091 DIAMETER OF HOLE 7) DRILLING METHOD: 8) BOREHOLE COMPLETION:
DATE DRILLING: DIAMETER FROM TO MUD ROTARY STRAIGHT WALL N^
STARTED: 04/05/00 6.5 0 424 IF GRAVEL... FROM FT. TO FT.
COMPLETED: 04/06/00 FROM FT. TO FT.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5	N	STEEL CASING	0	404	WW
2.5	N	GALVANIZED LINER	393	414	WW
2.5	N	S/S PIPE BASE SCREEN	414	424	10

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	TOP SOIL
3	60	CLAY
60	74	SAND
74	128	CLAY
128	140	SAND
140	240	CLAY
240	248	SAND
248	260	CLAY
260	320	SAND
320	412	CLAY
412	423	SAND
423	424	CLAY

9) CEMENTING DATA:
Cemented from No. of Sacks Used
404 FT. TO 0 FT.
FT. TO FT.
Method used: PRESSURE
Cemented by: ODCI
Distance to septic field lines: ft.
Method of verification of above distance:

10) SURFACE COMPLETION:
OTHER

11) WATER LEVEL:
STATIC LEVEL : 210 FT. DATE: 04/06/00
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH
B P SEAL 393

13) TYPE PUMP: 14) WELL TEST:
OTHER JETTED
DEPTH TO PUMP: 260 YIELD: 40 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: N/A DEPTH OF STRATA: 11 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: O'DAY DRILLING CO., INC. WATER WELL DRILLER'S LICENSE NO.: 1877,411,488
ADDRESS: 2357 GARDEN RD CITY: PEARLAND STATE: TX ZIP CODE: 77581-8744 FOR TWC USE ONLY
WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Reggie's mca (signed) _____ (REGISTERED DRILLER TRAINEE)

SEP 05 2000

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 430 Distance from Property: 4.96 mi. W

ID NUMBER: TX206121
STATE ID : 65-13-8
OWNER NAME: R.B. RATCLIFF & ASSOCIATES
DATE DRILLED: 08/21/2001
DEPTH DRILLED: 610'
STATIC LEVEL: N27'
WATER USAGE: IRRIGATION
LONGITUDE: -95.435942000
LATITUDE: 29.757357000
1 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 1
Water Well ID: 206121

ATTENTION OWNER: Confidentiality STATE OF TEXAS
 Privilege Notice on Reverse Side WATER WELL REPORT

1) OWNER: R.B.RATCLIFF & ASSOCIATES ADDRESS: P.O. BOX 369 CITY: FULSHEAR STATE: TX ZIP: 77441-0369

2) ADDRESS OF WELL: 5)
 County: HARRIS GRID # 65-13-08
 Street or RFD: 3688 WILLOWICK (ABBOTT SPRAGUE HOME OWNER)
 City, State, Zip code: HOUSTON TX 77019-

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION
 If Public Supply well, were plans submitted to the INRCC?

5) WELL LOG: 00523 DIAMETER OF HOLE 7) DRILLING METHOD: 8) BOREHOLE COMPLETION:
 DATE DRILLING: DIAMETER FROM TO MUD ROTARY TWO-STRING N
 STARTED: 07/13/00 7.75 -0- 588 IF GRAVEL... FROM FT. TO FT.
 COMPLETED: 08/21/01 4.75 588 610 FROM FT. TO FT.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0	N	PVC WELL CASING	+2	588	SDR-17
2.5	N	PVC BLANK PIPE	574	589	SCH 80
2.5	N	STAINLESS ROD BASE	589	609	10/8GA
2.5	N	NIP W/BACKWASH VALVE	609	610	SCH 80

6) GEOLOGICAL DESCRIPTION:
 FROM TO DESCRIPTION
 0 80 TOPSOIL, CLAY, RED CLAY, SAND, RED CLAY
 80 180 SAND CLAY, SAND, CLAY SAND
 180 260 WHITE CLAY SAND, WHITE CLAY, GRAY CLAY
 260 300 SAND SAND
 300 340 SANDY CLAY SHALE, SAND
 340 360 SANDY SHALE SAND
 360 400 SAND CLAY BREAK, SAND, SAND
 400 460 CLAY SAND SANDY SHALE
 460 500 SAND, CLAY BREAK, SAND
 500 540 SAND CLAY SAND
 540 570 CLAY CLAY
 570 610 SAND SAND SAND

9) CEMENTING DATA:
 Cemented from No. of Sacks Used
 588 FT. TO 318 FT. 18
 1 FT. TO 20 FT. 5
 Method used: HALLIBURTON METHOD
 Cemented by: GDI LOWER PRESSURED
 Distance to septic field lines: n/a ft.
 Method of verification of above distance:
 PUBLIC SEWERAGE

10) SURFACE COMPLETION:
 PITLESS ADAPTER USED

11) WATER LEVEL:
 STATIC LEVEL : N27 FT. DATE: 08/21/01
 ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH
 FORMATION PACKER 20
 BP-SEAL 574

3) TYPE PUMP: SUBMERSIBLE 14) WELL TEST: JETTED
 DEPTH TO PUMP: 360 YIELD: 120+ GPM WITH FT DRAWDOWN AFTER HRS

5) WATER QUALITY: TYPE OF WATER: GOOD DEPTH OF STRATA: 20 NO CHEMICAL ANALYSIS MADE
 NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: GEOPHYSICAL DRILLING, INC. WATER WELL DRILLER'S LICENSE NO.: 2888 WI FOR TWC USE ONLY
 ADDRESS: P.O. BOX 664 CITY: FULSHEAR STATE: TX ZIP CODE: 77441 WELL NO. _____
 LOCATED ON MAP _____

HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Greg D. Hill (signed) Travis Otto SEP 25 2001
 (LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 431 Distance from Property: 4.96 mi. WSW

WELL ID: 4734
OWNERS NAME:
YEAR DRILLED: Not Reported
DEPTH DRILLED: 600'
STATIC LEVEL: 550'
WATER USAGE: PUBLIC SUPPLY
WELL STATUS: PLUGGED
LONGITUDE: -95.428884000
LATITUDE: 29.730818000
SOURCE: HGSD



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 432 Distance from Property: 4.96 mi. W

ID NUMBER: TX205999
STATE ID : 65-21-2
OWNER NAME: ARTIC AIR MORRISON
DATE DRILLED: 10/26/1988
DEPTH DRILLED: 230'
STATIC LEVEL: NOT REPORTED
WATER USAGE: LOOPS
LONGITUDE: -95.434721000
LATITUDE: 29.747024000
2 PAGE(S) OF DRILLERS' LOGS



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Page # 1 out of 2
Water Well ID: 205999

State of Texas
WATER WELL REPORT
Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Artic Air x Morrison Address 23819 Spring Gum Wb Spring, Tex 77373
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris inside miles in Loop 610 direction from _____ (Town)
(N. E., S. W., etc.)

3) TYPE OF WORK (Check): New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial Monitor Public Supply Irrigation Test Well Injection Other LOOPS

5) DRILLING METHOD (Check): Driven Mud Rotary Air Hammer Jetted Bored Air Rotary Cable Tool Other _____

6) WELL LOG: Date Drilling: Started 10-12-1988 Completed 10-26-1988

From (ft.)	To (ft.)	DIAMETER OF HOLE	
		Dia. (in.)	From (ft.) To (ft.)
0-4	clay	4	Surface 230
4-26	sand		
26-70	blue clay		
70-80	sand		
80-200	brown clay		
200-215	sand		
215-200	brown clay w/ rock streaks		
200-230	sand		

7) BOREHOLE COMPLETION: Open Hole Straight Wall Underreamed Gravel Packed Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
3/4	N	PE 3408	-3	230	11

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 3 ft. to 230 ft. No. of Sacks Used 4
Method used Tremie Bentonite
Cemented by Ralph Cadwallader

10) SURFACE COMPLETION
 Specified Surface Slab Installed [Rule 319.44(c)]
 Pitless Adapter Used [Rule 319.44(d)]
 Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____

13) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: Pump Bailer Jetted Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water: _____ Depth of strata _____
Was a chemical analysis made? Yes No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Loop Tech (Holly Water Wells) Water Well Driller's License No. 2026
(Type or Print)

ADDRESS 607 Hwy 19 Huntsville, Texas 77340
(Street or RFD) (City) (State) (Zip)

(Signed) Ralph A. Cadwallader (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 65-21-2
Located on map _____

#1 Harris

20 LOOPS

RECEIVED
FEB 10 1989

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 433 Distance from Property: 4.99 mi. SSW

WELL ID: 1988
OWNERS NAME: KIK (HOUSTON), INC.
YEAR DRILLED: 1969
DEPTH DRILLED: 504'
STATIC LEVEL: 470'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.385354000
LATITUDE: 29.693384000
SOURCE: HGSD



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HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 433 Distance from Property: 4.99 mi. SSW

WELL ID: 4125
OWNERS NAME: KIK (HOUSTON), INC.
YEAR DRILLED: 1986
DEPTH DRILLED: 300'
STATIC LEVEL: 270'
WATER USAGE: INDUSTRIAL
WELL STATUS: PLUGGED
LONGITUDE: -95.385384000
LATITUDE: 29.693403000
SOURCE: HGSD



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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

NWIS

United States Geological Survey National Water Information System

VERSION DATE: 1/2020

The U.S. Geological Survey (USGS) National Water Information System (NWIS) includes water inventory data originating from all 50 states, plus border and territorial sites, including data from as early as 1899. This database includes selected site types limited to Groundwater Sites and Spring Sites from the 1.5 million plus sites within NWIS. Surface-Water, Atmospheric, and Other Site types are excluded. Disclaimer: Water Data for the Nation is the USGS public web interface to much of the data stored and managed within NWIS. It is not, however, configured to present all NWIS data and users may need to contact local Water Science Centers to obtain some information. NWIS data is updated on a regularly scheduled basis, and current condition data is generally updated upon receipt at local Water Science Centers.



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ENVIRONMENTAL RECORDS DEFINITIONS - STATE (TX)

SSDRD Select Submitted Drillers Report Database Wells

VERSION DATE: 2/2021

This Texas Water Development Board database was created from the online Texas Well Report Submission and Retrieval System (a cooperative TDLR, TWDB system) that registered water-well drillers use to submit their required reports. The system was started in February 2001 and is optional for the drillers to use. This data excludes the following well types: Monitor Wells, Environmental Soil Borings, Injections Wells, De-watering and Test Wells.

TCEQ Texas Commission on Environmental Quality Water Wells

VERSION DATE: NR

The Texas Commission on Environmental Quality (TCEQ) maintains a filing system of plotted and unnumbered water wells. Plotted water wells are filed according to the County indicated by the driller and the state well number assigned by State of Texas personnel. Given the available location information provided by the driller, personnel identify where the approximate well location should be. After well placement a state well number is assigned indicating that the well lies within a specific 2.5' section of a 7.5' quadrangle. This method allows for quicker, more refined, reference when researching a specific area. Unnumbered water wells have not been assigned a state well number. This can occur for a variety of reasons; however it does not mean the well cannot be accurately spotted. Unnumbered water well records are filed according to County and are often broken up by year or by a span of years.

TWDB Texas Water Development Board Groundwater Database

VERSION DATE: 11/2020

The Texas Water Development Board Groundwater Database contains information for more than 123,500 sites in Texas including data on water wells, springs, oil/gas tests, water levels, and water quality. The purpose of the Board's data collection effort over the years has been to gain representative information about aquifers in the state in order to do water planning. It is very important, however, to realize that the wells in the database represent only a small percentage of the wells that actually exist in Texas. A registered water well driller is required by law to send in a report to the State for every well that is drilled. This requirement began in 1965, and we estimate that approximately 500,000 wells have been drilled in Texas since then. Of the 1,000,000 plus water wells drilled in Texas over the past 100 years, more than 130,000 have been inventoried and placed into the TWDB groundwater database. State well numbers have been assigned to these based on their location within numbered 7 1/2 minute quadrangles formed by lines of latitude and longitude. This database contains well information including location, depth, well type, owner, driller, construction and completion data.

WUD Water Utility Database

VERSION DATE: NR

The Water Utility Database is defined as a collection of data from Texas Water Districts, Public



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ENVIRONMENTAL RECORDS DEFINITIONS - STATE (TX)

Drinking Water Systems and Water and Sewer Utilities who submit information to the TCEQ. This database is an integrated database designed and developed to replace over 160 stand alone legacy systems representing over 5 million records of the former Texas Water Commission and the Texas Department of Health.



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ENVIRONMENTAL RECORDS DEFINITIONS - LOCAL

HGSD Harris Galveston Subsidence District Water Wells

VERSION DATE: 9/2020

The Harris-Galveston Subsidence District (HGSD) was created by the 64th Texas Legislature as an underground water conservation district in 1975 to provide regulation of groundwater withdrawal to control subsidence.



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Appendix Q

The name and address of each retail public utility, as defined in section 13.002 of the Texas Water Code that owns or operates a groundwater supply well within five miles of the boundary of the designated property.

The following retail public utilities operate at least one groundwater supply well within five miles of the subject property:

CURRENT OWNER	CONTACT	ADDRESS	CITY	STATE	ZIP
City of Houston	Pat Jefferson Daniel City Secretary	PO Box 1562	Houston	TX	77251-1562
City of West University Place	Thelma Gilliam City Secretary	3800 University Blvd	West University	TX	77005-2802

The above-mentioned entities will be provided notice as required by section 361.805 of the Texas Health and Safety Code approximately 30 days prior to the public meeting.

Included in this section is the Water Utility Database Report.



On time. On target. In touch.™

Water Utility Database (WUD) Report of Groundwater Wells

Target Property:

***Fmr Wilson Stationary & Printing
1701 Commerce St Jackson St
Houston, Harris County, Texas 77002***

Prepared For:

InControl Technologies

Order #: 160785

Job #: 395645

Project #: E19038-101

Date: 02/09/2021

TARGET PROPERTY SUMMARY

Fmr Wilson Stationary & Printing
1701 Commerce St Jackson St
Houston, Harris County, Texas 77002

USGS Quadrangle: **Settegast, TX**
Target Property Geometry: **Area**

Target Property Longitude(s)/Latitude(s):
(-95.353204, 29.760376), (-95.353007, 29.760267), (-95.352858, 29.760179), (-95.353039, 29.759963),
(-95.353373, 29.760168), (-95.353204, 29.760376), (-95.353204, 29.760376), (-95.353204, 29.760376),
(-95.353204, 29.760376)

County/Parish Covered:
Harris (TX)

Zipcode(s) Covered:
Houston TX: 77002, 77003, 77004, 77005, 77006, 77007, 77008, 77009, 77010, 77011, 77012, 77016, 77018,
77019, 77020, 77021, 77022, 77023, 77024, 77026, 77027, 77028, 77029, 77030, 77033, 77046, 77054, 77087,
77093, 77098, 77204

State(s) Covered:
TX

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DATABASE FINDINGS SUMMARY

DATABASE	ACRONYM	LOCA- TABLE	UNLOCA- TABLE	SEARCH RADIUS (miles)
STATE (TX)				
WATER UTILITY DATABASE	WUD	64	0	5.0000
SUB-TOTAL		64	0	

TOTAL		64	0	
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LOCATABLE DATABASE FINDINGS

ACRONYM	SEARCH RADIUS (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
STATE (TX)								
WUD	5.000	0	0	0	1	2	61	64
SUB-TOTAL		0	0	0	1	2	61	64

TOTAL	0	0	0	1	2	61	64
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NOTES:

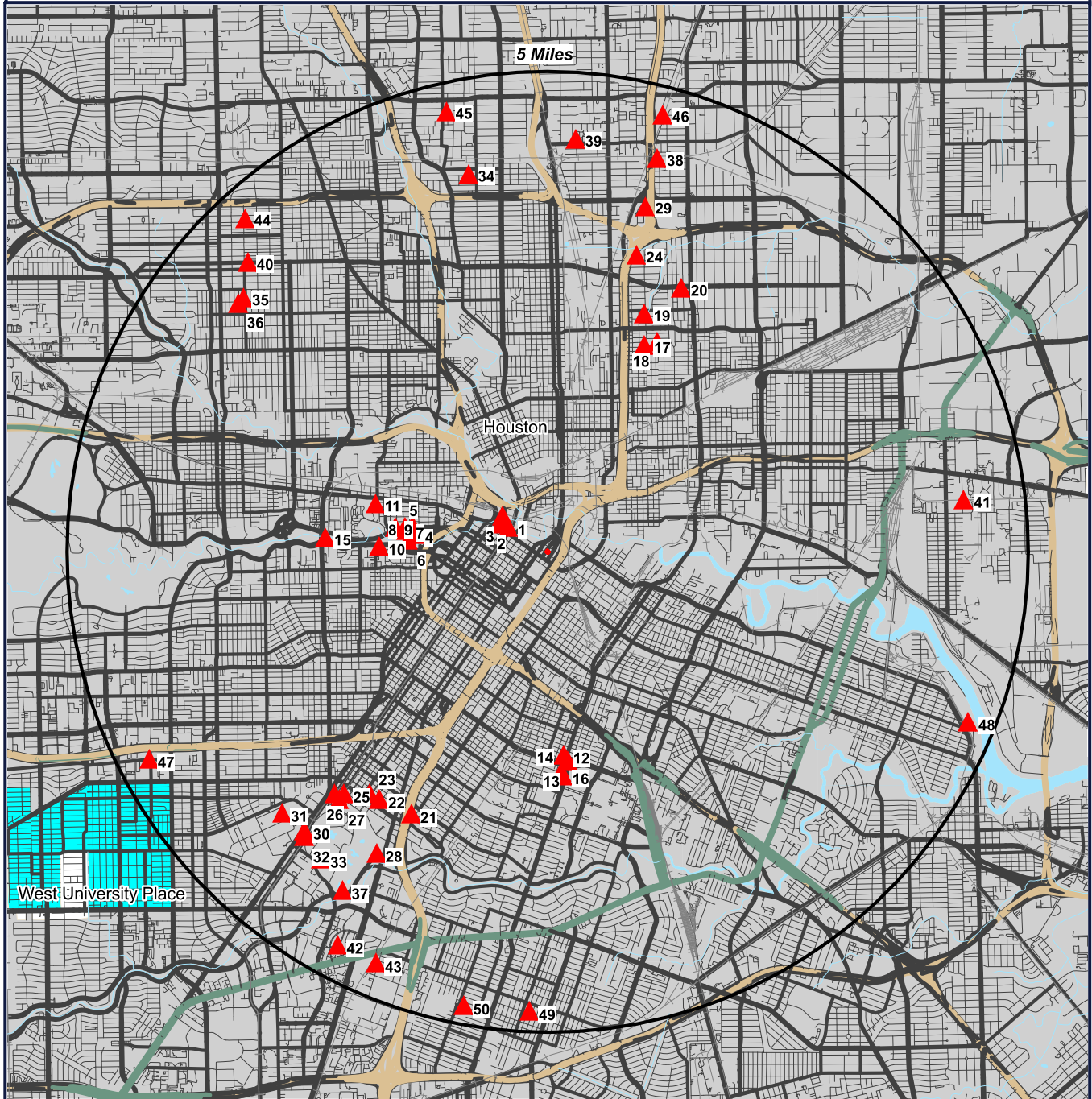
NS = NOT SEARCHED

TP/AP = TARGET PROPERTY/ADJACENT PROPERTY



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WATER UTILITY DATABASE (WUD) SITE MAP



- Target Property (TP)
- ▲ WUD

**Fmr Wilson Stationary &
Printing**
1701 Commerce St
Jackson St
Houston, Texas
77002



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REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
1	WUD	2602655732	0.459 WNW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1
2	WUD	1148875365	0.550 WNW	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	2
3	WUD	3573514010	0.578 WNW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	3
4	WUD	1191309942	1.369 W	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	4
5	WUD	3614542300	1.416 W	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	5
6	WUD	512874493	1.447 W	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	6
7	WUD	492865823	1.470 W	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	7
8	WUD	3833150346	1.495 W	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	8
9	WUD	1095254697	1.594 W	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	9
10	WUD	3485831175	1.741 W	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	10
11	WUD	513085864	1.845 WNW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	11
12	WUD	1465832970	2.133 S	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	12
12	WUD	2236941801	2.133 S	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	13
12	WUD	1474659272	2.134 S	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	14
13	WUD	2068259454	2.198 S	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	15
14	WUD	4153460406	2.328 S	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	16
14	WUD	2133745824	2.308 S	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	17
15	WUD	3350488967	2.310 W	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	18
16	WUD	3189453145	2.347 S	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	19
17	WUD	317067665	2.349 NNE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	20
18	WUD	3391440784	2.444 NNE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	21
19	WUD	2851594561	2.650 NNE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	22
20	WUD	1500149105	3.053 NNE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	23
20	WUD	1534426626	3.053 NNE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	24
21	WUD	1339026558	3.096 SSW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	25
22	WUD	3722622033	3.135 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	26
23	WUD	3205350702	3.145 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	27
24	WUD	2759768148	3.200 NNE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	28
25	WUD	3760387295	3.309 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	29



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REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
26	WUD	3220922763	3.373 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	30
26	WUD	932202874	3.373 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	31
27	WUD	554435248	3.385 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	32
28	WUD	1247975889	3.627 SSW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	33
29	WUD	843543329	3.714 NNE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	34
30	WUD	2044582600	3.856 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	35
30	WUD	3296048290	3.871 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	36
31	WUD	2798585179	3.893 SW	RICE UNIVERSITY	PO BOX 1892	HOUSTON, 77251	37
32	WUD	2900996235	3.915 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	38
33	WUD	36491390	3.990 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	39
34	WUD	2261811890	3.990 NNW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	40
35	WUD	2969749797	4.111 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	41
36	WUD	3473894818	4.116 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	42
37	WUD	1197723061	4.141 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	43
38	WUD	2791506894	4.225 NNE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	44
39	WUD	798316944	4.280 N	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	45
40	WUD	4092353616	4.320 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	46
40	WUD	1010352421	4.320 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	47
40	WUD	2316027359	4.320 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	48
40	WUD	593436693	4.320 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	49
40	WUD	1215288305	4.320 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	50
40	WUD	467956077	4.320 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	51
41	WUD	2866093483	4.355 E	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	52
42	WUD	2726160325	4.659 SSW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	53
43	WUD	19047416	4.660 SSW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	54
44	WUD	3168561309	4.668 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	55
44	WUD	820301292	4.668 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	56
45	WUD	1880799342	4.678 NNW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	57
46	WUD	2081548187	4.683 NNE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	58
47	WUD	2021742120	4.684 WSW	CITY OF WEST UNIVERSITY PLACE	3800 UNIVERSITY BLVD	HOUSTON, 77005	59



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REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
48	WUD	2982631298	4.726 ESE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	60
49	WUD	494148942	4.803 S	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	61
49	WUD	2011101380	4.803 S	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	62
49	WUD	421286525	4.803 S	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	63
50	WUD	3721203313	4.822 SSW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	64



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WATER UTILITY DATABASE (WUD)

MAP ID# 1

Distance from Property: 0.46 mi. WNW

PWSID: 1010013
SOURCE ID: G1010013GR
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1925
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.359725950
LATITUDE: 29.763334270

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 2

Distance from Property: 0.55 mi. WNW

PWSID: 1010013
SOURCE ID: G1010013GT
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 08/28/1945
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.361114500
LATITUDE: 29.763889310

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 3

Distance from Property: 0.58 mi. WNW

PWSID: 1010013
SOURCE ID: G1010013GS
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1925
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.360832210
LATITUDE: 29.764999390

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 4

Distance from Property: 1.37 mi. W

PWSID: 1010013
SOURCE ID: G1010013GQ
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1935
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.375831600
LATITUDE: 29.762222290

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 5

Distance from Property: 1.42 mi. W

PWSID: 1010013
SOURCE ID: G1010013GM
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1927
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.376388550
LATITUDE: 29.763610840

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 6

Distance from Property: 1.45 mi. W

PWSID: 1010013
SOURCE ID: G1010013GO
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1927
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.377220150
LATITUDE: 29.761388780

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 7

Distance from Property: 1.47 mi. W

PWSID: 1010013
SOURCE ID: G1010013N
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 02/04/1957
SCREEN BOTTOM: 1,990.00'
SCREEN TOP: 747.00'

GALLONS
PER MINUTE: 1,840
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.377441410
LATITUDE: 29.762630460

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 8

Distance from Property: 1.50 mi. W

PWSID: 1010013
SOURCE ID: G1010013GP
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1935
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.377777100
LATITUDE: 29.763334270

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 9

Distance from Property: 1.59 mi. W

PWSID: 1010013
SOURCE ID: G1010013GN
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1927
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.379447940
LATITUDE: 29.763334270

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 10 Distance from Property: 1.74 mi. W

PWSID: 1010013
SOURCE ID: G1010013L
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 07/15/1948
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - ABANDONED
CCN: P1552
LONGITUDE: -95.382774350
LATITUDE: 29.760278700

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 11

Distance from Property: 1.85 mi. WNW

PWSID: 1010013
SOURCE ID: G1010013M
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1949
SCREEN BOTTOM: 1,940.00'
SCREEN TOP: 1,015.00'

GALLONS
PER MINUTE: 2,100
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.383058330
LATITUDE: 29.767083330

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 12 Distance from Property: 2.13 mi. S

PWSID: 1010013
SOURCE ID: G1010013HK
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1926
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.350830080
LATITUDE: 29.728889470

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 12 Distance from Property: 2.13 mi. S

PWSID: 1010013
SOURCE ID: G1010013HO
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1963
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.350555420
LATITUDE: 29.728889470

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 12 Distance from Property: 2.13 mi. S

PWSID: 1010013
SOURCE ID: G1010013HJ
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1925
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.350280760
LATITUDE: 29.728889470

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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WATER UTILITY DATABASE (WUD)

MAP ID# 13 Distance from Property: 2.20 mi. S

PWSID: 1010013
SOURCE ID: G1010013HN
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 11/12/1938
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.349441530
LATITUDE: 29.728055950

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 14 Distance from Property: 2.33 mi. S

PWSID: 1010013
SOURCE ID: G1010013HM
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1931
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.350280760
LATITUDE: 29.726110460

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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WATER UTILITY DATABASE (WUD)

MAP ID# 14 Distance from Property: 2.31 mi. S

PWSID: 1010013
SOURCE ID: G1010013HL
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1928
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.350555420
LATITUDE: 29.726388930

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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WATER UTILITY DATABASE (WUD)

MAP ID# 15

Distance from Property: 2.31 mi. W

PWSID: 1010013
SOURCE ID: G10100130
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 01/26/1966
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.391586300
LATITUDE: 29.762002940

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 16 Distance from Property: 2.35 mi. S

PWSID: 1010013
SOURCE ID: G1010013AQ
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 12/29/1962
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - ABANDONED
CCN: P1552
LONGITUDE: -95.350280760
LATITUDE: 29.725833890

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 17 Distance from Property: 2.35 mi. NNE

PWSID: 1010013
SOURCE ID: G1010013HG
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1931
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.336112980
LATITUDE: 29.790832520

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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WATER UTILITY DATABASE (WUD)

MAP ID# 18 Distance from Property: 2.44 mi. NNE

PWSID: 1010013
SOURCE ID: G1010013HH
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1938
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.334167480
LATITUDE: 29.791110990

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 19 Distance from Property: 2.65 mi. NNE

PWSID: 1010013
SOURCE ID: G1010013HI
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 06/12/1944
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.336944580
LATITUDE: 29.796112060

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 20 Distance from Property: 3.05 mi. NNE

PWSID: 1010013
SOURCE ID: G1010013ND
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1940
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.329719540
LATITUDE: 29.799444200

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 20 Distance from Property: 3.05 mi. NNE

PWSID: 1010013
SOURCE ID: G1010013NC
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 07/00/1948
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.329719540
LATITUDE: 29.799444200

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 21

Distance from Property: 3.10 mi. SSW

PWSID: 1010013
SOURCE ID: G1010013HU
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 07/24/1935
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.376663210
LATITUDE: 29.719999310

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 22 Distance from Property: 3.14 mi. SW

PWSID: 1010013
SOURCE ID: G1010013HW
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1962
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.382225040
LATITUDE: 29.722221370

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 23 Distance from Property: 3.15 mi. SW

PWSID: 1010013
SOURCE ID: G1010013HQ
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1917
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.383888240
LATITUDE: 29.723054890

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 24

Distance from Property: 3.20 mi. NNE

PWSID: 1010013
SOURCE ID: G1010013AI
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 05/00/1949
SCREEN BOTTOM: 2,060.00'
SCREEN TOP: 1,030.00'

GALLONS
PER MINUTE: 2,000
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.337745670
LATITUDE: 29.804645540

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 25 Distance from Property: 3.31 mi. SW

PWSID: 1010013
SOURCE ID: G1010013HS
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1919
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.388336180
LATITUDE: 29.723054890

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 26 Distance from Property: 3.37 mi. SW

PWSID: 1010013
SOURCE ID: G1010013HR
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1919
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.389999390
LATITUDE: 29.723054890

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 26 Distance from Property: 3.37 mi. SW

PWSID: 1010013
SOURCE ID: G1010013HP
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 03/00/1917
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.389999390
LATITUDE: 29.723054890

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 27 Distance from Property: 3.39 mi. SW

PWSID: 1010013
SOURCE ID: G1010013HT
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1931
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.389167790
LATITUDE: 29.722221370

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 28

Distance from Property: 3.63 mi. SSW

PWSID: 1010013
SOURCE ID: G1010013AX
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1953
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.382911680
LATITUDE: 29.714330670

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 29 Distance from Property: 3.71 mi. NNE

PWSID: 1010013
SOURCE ID: G1010013AJ
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 05/00/1949
SCREEN BOTTOM: 1,960.00'
SCREEN TOP: 1,060.00'

GALLONS
PER MINUTE: 1,900
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.336196900
LATITUDE: 29.812007900

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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WATER UTILITY DATABASE (WUD)

MAP ID# 30 Distance from Property: 3.86 mi. SW

PWSID: 1010013
SOURCE ID: G1010013HY
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 04/00/1965
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.395278930
LATITUDE: 29.717777250

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 30 Distance from Property: 3.87 mi. SW

PWSID: 1010013
SOURCE ID: G1010013HX
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED:
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.395278930
LATITUDE: 29.717500690

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 31

Distance from Property: 3.89 mi. SW

PWSID: 1010908
SOURCE ID: G1010908A
UTILITY NAME: RICE UNIVERSITY
DATE DRILLED: 09/02/1969
SCREEN BOTTOM: 1,629.88'
SCREEN TOP: 1,339.53'

GALLONS
PER MINUTE: 220
WELL STATUS: ACTIVE
WATER USAGE: ACTIVE - PERMANENT
CCN: NOT APPLICABLE
LONGITUDE: -95.400020000
LATITUDE: 29.721160000

OWNER'S NAME: RICE UNIVERSITY
ADDRESS: PO BOX 1892
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1892

WATER UTILITY DATABASE (WUD)

MAP ID# 32 Distance from Property: 3.91 mi. SW

PWSID: 1010013
SOURCE ID: G1010013HV
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 08/16/1944
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.395278930
LATITUDE: 29.716667180

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 33 Distance from Property: 3.99 mi. SW

PWSID: 1010013
SOURCE ID: G1010013BA
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 07/00/1973
SCREEN BOTTOM: 1,638.00'
SCREEN TOP: 888.00'

GALLONS
PER MINUTE: 2,017
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.393363950
LATITUDE: 29.713407520

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 34

Distance from Property: 3.99 mi. NNW

PWSID: 1010013
SOURCE ID: G1010013OG
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1938
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.366668700
LATITUDE: 29.816667560

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 35

Distance from Property: 4.11 mi. NW

PWSID: 1010013
SOURCE ID: G1010013Q
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 09/00/1979
SCREEN BOTTOM: 1,450.00'
SCREEN TOP: 700.00'

GALLONS
PER MINUTE: 2,010
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.405929570
LATITUDE: 29.798229220

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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WATER UTILITY DATABASE (WUD)

MAP ID# 36

Distance from Property: 4.12 mi. NW

PWSID: 1010013
SOURCE ID: G1010013GY
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1936
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.406669620
LATITUDE: 29.797222140

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 37 Distance from Property: 4.14 mi. SW

PWSID: 1010013
SOURCE ID: G1010013AZ
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 01/25/1958
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.389297490
LATITUDE: 29.708490370

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 38

Distance from Property: 4.23 mi. NNE

PWSID: 1010013
SOURCE ID: G1010013AK
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 12/00/1949
SCREEN BOTTOM: 1,698.00'
SCREEN TOP: 1,058.00'

GALLONS
PER MINUTE: 2,200
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.334136960
LATITUDE: 29.819156650

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 39

Distance from Property: 4.28 mi. N

PWSID: 1010013
SOURCE ID: G1010013MX
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 05/00/1945
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.348052980
LATITUDE: 29.821945190

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 40

Distance from Property: 4.32 mi. NW

PWSID: 1010013
SOURCE ID: G1010013GW
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 07/21/1931
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.404441830
LATITUDE: 29.803611760

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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WATER UTILITY DATABASE (WUD)

MAP ID# 40

Distance from Property: 4.32 mi. NW

PWSID: 1010013
SOURCE ID: G1010013GU
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 03/05/1923
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.405555730
LATITUDE: 29.802778240

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 40

Distance from Property: 4.32 mi. NW

PWSID: 1010013
SOURCE ID: G1010013GV
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1924
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.405555730
LATITUDE: 29.802778240

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 40

Distance from Property: 4.32 mi. NW

PWSID: 1010013
SOURCE ID: G1010013GZ
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1938
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.404441830
LATITUDE: 29.802778240

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 40

Distance from Property: 4.32 mi. NW

PWSID: 1010013
SOURCE ID: G1010013HE
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1965
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.405555730
LATITUDE: 29.803611760

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 40

Distance from Property: 4.32 mi. NW

PWSID: 1010013
SOURCE ID: G1010013X
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 04/00/1962
SCREEN BOTTOM: 1,844.00'
SCREEN TOP: 604.00'

GALLONS
PER MINUTE: 1,447
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.406814580
LATITUDE: 29.804683690

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 41

Distance from Property: 4.36 mi. E

PWSID: 1010013
SOURCE ID: G101001300
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1946
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.280555730
LATITUDE: 29.767499920

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 42

Distance from Property: 4.66 mi. SSW

PWSID: 1010013
SOURCE ID: G1010013AY
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1954
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.389442440
LATITUDE: 29.700277330

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 43

Distance from Property: 4.66 mi. SSW

PWSID: 1010013
SOURCE ID: G1010013PJ
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 09/25/1939
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.382774350
LATITUDE: 29.697500230

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 44 Distance from Property: 4.67 mi. NW

PWSID: 1010013
SOURCE ID: G1010013P
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 03/00/1982
SCREEN BOTTOM: 1,231.00'
SCREEN TOP: 668.00'

GALLONS
PER MINUTE: 2,219
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.405769350
LATITUDE: 29.810289380

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 44

Distance from Property: 4.67 mi. NW

PWSID: 1010013
SOURCE ID: G1010013GX
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 09/18/1936
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.405555730
LATITUDE: 29.809722900

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 45

Distance from Property: 4.68 mi. NNW

PWSID: 1010013
SOURCE ID: G1010013OH
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 05/00/1941
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.370552060
LATITUDE: 29.826110840

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 46

Distance from Property: 4.68 mi. NNE

PWSID: 1010013
SOURCE ID: G1010013AL
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 10/25/1949
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.333335880
LATITUDE: 29.825834270

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 47

Distance from Property: 4.68 mi. WSW

PWSID: 1010027
SOURCE ID: G1010027C
UTILITY NAME: CITY OF WEST UNIVERSITY PLACE
DATE DRILLED: 07/25/1984
SCREEN BOTTOM: 1,275.00'
SCREEN TOP: 810.00'

GALLONS
PER MINUTE: 1,700
WELL STATUS: ACTIVE
WATER USAGE: ACTIVE - PERMANENT
CCN: P0525
LONGITUDE: -95.422488890
LATITUDE: 29.728552780

OWNER'S NAME: CITY OF WEST UNIVERSITY PLACE
ADDRESS: 3800 UNIVERSITY BLVD
CITY: WEST UNIVERSITY STATE: TX ZIP CODE: 77005-2802

WATER UTILITY DATABASE (WUD)

MAP ID# 48 Distance from Property: 4.73 mi. ESE

PWSID: 1010013
SOURCE ID: G1010013LI
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED:
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.279998780
LATITUDE: 29.734167100

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 49 Distance from Property: 4.80 mi. S

PWSID: 1010013
SOURCE ID: G1010013LO
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1937
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.356109620
LATITUDE: 29.690277100

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562



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WATER UTILITY DATABASE (WUD)

MAP ID# 49

Distance from Property: 4.80 mi. S

PWSID: 1010013
SOURCE ID: G1010013LP
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1941
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.356109620
LATITUDE: 29.690277100

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 49

Distance from Property: 4.80 mi. S

PWSID: 1010013
SOURCE ID: G1010013LN
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED:
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.356109620
LATITUDE: 29.690277100

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

WATER UTILITY DATABASE (WUD)

MAP ID# 50

Distance from Property: 4.82 mi. SSW

PWSID: 1010013
SOURCE ID: G1010013PK
UTILITY NAME: CITY OF HOUSTON
DATE DRILLED: 00/00/1957
SCREEN BOTTOM: 0.00'
SCREEN TOP: 0.00'

GALLONS
PER MINUTE: NOT REPORTED
WELL STATUS: ACTIVE
WATER USAGE: INACTIVE - PLUGGED
CCN: P1552
LONGITUDE: -95.367500310
LATITUDE: 29.691110610

OWNER'S NAME: CITY OF HOUSTON
ADDRESS: PO BOX 1562
CITY: HOUSTON STATE: TX ZIP CODE: 77251-1562

ENVIRONMENTAL RECORDS DEFINITIONS - STATE (TX)

WUD Water Utility Database

VERSION DATE: NR

The Water Utility Database is defined as a collection of data from Texas Water Districts, Public Drinking Water Systems and Water and Sewer Utilities who submit information to the TCEQ. This database is an integrated database designed and developed to replace over 160 stand alone legacy systems representing over 5 million records of the former Texas Water Commission and the Texas Department of Health.



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Appendix R

A listing of each municipality, other than the City of Houston, with a corporate limit within one-half mile of the boundary of the designated property.

No other municipalities have a corporate limit within one-half mile of the boundary of the designated property.

Appendix S

A listing of each municipality, other than the City of Houston, that owns or operates a groundwater supply well within five miles of the boundary of the designated property.

The following retail public utilities operate at least one groundwater supply well within five miles of the subject property:

CURRENT OWNER	CONTACT	ADDRESS	CITY	STATE	ZIP
City of Houston	Pat Jefferson Daniel City Secretary	PO Box 1562	Houston	TX	77251-1562
City of West University Place	Thelma Gilliam City Secretary	3800 University Blvd	West University	TX	77005-2802

The above-mentioned entities will be provided notice as required by section 361.805 of the Texas Health and Safety Code approximately 30 days prior to the public meeting.

Appendix T

A listing of owners of real property within 2,500 ft. of the boundary of the designated property as indicated by the most recent appraisal district records. Please Note: Depending on the location of your site, this requirement may include real property outside the City of Houston. Be sure to include **ALL** properties in the 2,500 ft. boundary. (An accompanying electronic excel file with mailing information should be included with your application).

Attached is a listing of real property owners within 2,500 feet of designated property boundary. This list is also included on the CD as part of Appendix Y. The following Super Neighborhoods and Civic Groups are located within ½-mile of the proposed MSD boundary.

Super Neighborhood:

Downtown

Civic Groups:

Second Ward Residence Association

Paul Meza

123 Christensen

Houston, TX 77003

Second Ward Association

Julian Cortinas

PO Box 230397

Houston, TX 77223

Appendix T
Real Property Owners Mailing List
Former Wilson Stationery Printing
1701 Commerce St., Houston, TX 77002
VCP No. 3063

hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
0010560000010	1004 PRAIRIE HOLDINGS LLC ATTN BLINI HOXHA	2450 LOUISIANA ST STE 400-935	HOUSTON	TX	77006-2380
0010100000008	101 AUSTIN LLC	206 LONGS PEAK AVE	LONGMONT	CO	80501-5043
0010560000004	1014 PRAIRIE OWNER LLC	3221 TULANE AVE	NEW ORLEANS	LA	70119-7262
1207900000108	111 TRAVIS LLC	111 TRAVIS ST	HOUSTON	TX	77002-1740
0120090000015	1122 KRESS STREET LLC	865 LOCKWOOD	HOUSTON	TX	77020-7917
0270970000005	12 3 BUFFALO BAYOU LP % WESTCHASE MGT CO	PO BOX 271441	HOUSTON	TX	77277-1441
0010280000001	1421 PRESTON LLC	1421 PRESTON ST	HOUSTON	TX	77002-2129
0010260000001	1509 CONGRESS LLC	501 CRAWFORD ST STE 500	HOUSTON	TX	77002-2113
0011050000008	1602 FRANKLIN LLC	501 CRAWFORD ST STE 500	HOUSTON	TX	77002-2113
0011570000003	1800 TEXAS LLC	501 CRAWFORD ST STE 500	HOUSTON	TX	77002-2113
0011610000001	1819 CONGRESS LLC	501 CRAWFORD ST STE 500	HOUSTON	TX	77002-
0011600000014	1820 CONGRESS LLC	501 CRAWFORD ST STE 500	HOUSTON	TX	77002-2113
0011670000007	1901 PRESTON PARTNERS LLC	1649 JIM SIMMONS	FLAGSTAFF	AZ	86005-4235
0010720000006	1920 INVESTMENTS LLC	617 CAROLINE ST	HOUSTON	TX	77002-3538
0011820000006	2001 PRESTON PARTNERS LLC	1649 JIM SIMMONS	FLAGSTAFF	AZ	86005-4235
0011820000001	2017 PRESTON LLC	1702 TAYLOR ST STE 300	HOUSTON	TX	77007-3992
0011150000006	209 JACKSON LLC	501 CRAWFORD ST STE 500	HOUSTON	TX	77002-2113
0010200000003	214 MAIN PURCHASE LLC	801 CONGRESS ST STED 321	HOUSTON	TX	77002-
0012050000012	2209 CONGRESS LLC	505 BASTROP ST APT 501	HOUSTON	TX	77003-2237
0371430000001	2315 COMMERCE LTD	805 RHODE PL STE 300	HOUSTON	TX	77019-2719
0371380000003	2339 COMMERCE LLC	2118 LAMAR ST STE 105	HOUSTON	TX	77003-3521
0371380000012	2339 COMMERCE LLC	2119 DALLAS ST STE B	HOUSTON	TX	77003-3516
0011670000008	301 HAMILTON LLC	501 CRAWFORD ST STE 500	HOUSTON	TX	77002-2113
0012050000004	3316 WEST 11TH STREET LLC	1702 TAYLOR STE 300	HOUSTON	TX	77007-3992
0010450000009	405 MAIN LEVEL OFFICE LLC	73 W MONROE ST	CHICAGO	IL	60603-4955
1231820010001	419 HOPE PARTNERS LLC	PO BOX 1849	HOUSTON	TX	77251-1849
0010460000004	421 INTERESTS LTD	5959 RICHMOND AVE STE 440	HOUSTON	TX	77057-6325
1361480010022	605 BAYOU DEVELOPMENT LLC	6343 SKYLINE DR	HOUSTON	TX	77057-6939
0010020000016	901 COMMERCE LLC	2450 LOUISIANA ST STE 400-615	HOUSTON	TX	77006-2380
0270520000010	901 MCKEE ST LLC	1129 W COTTAGE ST	HOUSTON	TX	77009-5207
0010440000020	914 PRESTON LP	402 MAIN ST PH	HOUSTON	TX	77002-1802
1207900000225	915 FRANKLIN 2F LLC	607 LESTER ST	HOUSTON	TX	77007-5220
1392930010001	A & S RISE LLC	54 ENCLAVE MANOR DR	SUGAR LAND	TX	77479-1686
0371170000015	A T & S F RAILROAD CO UT % PROPERTY TAX DEPT	PO BOX 961089	FORT WORTH	TX	76161-0089
0012090000011	ACC 2320 CONGRESS LLC % BARRY A BROWN ATTY	2301 CONGRESS ST	HOUSTON	TX	77003-2207
1207900000074	ADAM ALTAF	PO BOX 2579	SUGAR LAND	TX	77487-2579
1237490010011	ADAMS MICHAEL & SIEWHUA	2230 ANN ST	HOUSTON	TX	77003-1147
1285510020049	ADAMS RONNY R & TONI C	2346 COMMERCE ST	HOUSTON	TX	77003-1537
1207900000011	ADKINS ALMA	915 FRANKLIN ST UNIT 2L	HOUSTON	TX	77002-1738

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hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
0010330000004	AGHAI IRA	308 MAIN ST STE 300	HOUSTON	TX	77002-1855
0120110000031	AGUIRRE DIANA E	6411 CRIM CT	HOUSTON	TX	77049-3430
0351270000001	AHMAD F AYOUB REALTY LP	3122 ASHFORD BEND DR	HOUSTON	TX	77082-3652
1358450010006	AHMAD ZOHAIR	725 SCHWARTZ ST	HOUSTON	TX	77020-5957
1359690010004	AICKARETH TAHLIA	710 SCHWARTZ ST	HOUSTON	TX	77020-5958
0291100000017	ALAEINEJAD RENEE	28302 ROSE LN	KATY	TX	77494-5411
1216410000013	ALDRICH JULIE B % JULIE B ALDRICH REVOCABLE TRUST	915 N SAN JACINTO ST UNIT 2G	HOUSTON	TX	77002-1239
1216420030007	ALEXANDER PETER H	505 BASTROP ST APT 307	HOUSTON	TX	77003-2234
0010460000001	ALH PROPERTIES NO TWENTY LP	2901 WILCREST DR STE 120	HOUSTON	TX	77042-3477
1305180010001	ALH PROPERTIES NO TWENTY TWO LP	2901 WILCREST DR STE 120	HOUSTON	TX	77042-3477
0610490220016	ALIABADI ARTIMIS	7514 OLD BRIDGE CT	SUGAR LAND	TX	77479-6326
0610490220005	ALLEN CARRIE ROGERS	4720 COKE ST	HOUSTON	TX	77020-7116
1207900000044	ALLEN MARCUS R	915 FRANKLIN ST UNIT 5C	HOUSTON	TX	77002-1734
0610490220020	ALLEN VANNESS	4703 EDMUND ST	HOUSTON	TX	77020-7711
1207900000233	ALLENS LANDING GARAGE LLC	3815 MONTROSE BLVD STE 101	HOUSTON	TX	77006-4666
1207900000229	ALLENS LANDING VENTURE LLC	3410 MONTROSE BLVD	HOUSTON	TX	77006-4329
1205880050001	ALLISON LINDA K	1120 TEXAS ST APT 5A	HOUSTON	TX	77002-3135
0120120000037	ALMENDAREZ SYLVIA	1122 HOFFMAN ST	HOUSTON	TX	77020-7306
1228970000056	ALMON RYAN LEE	201 MAIN ST UNIT 8E	HOUSTON	TX	77002-1750
0351270000008	ALNAHLAWI SAMIR	5007 PINELAKE CANYON CT	HOUSTON	TX	77084-3985
0730430050015	ALVAREZ MARTHA ELAINE	1015 KRESS ST	HOUSTON	TX	77020-6736
1307900010006	AMIN AMBROSE	2905 BAER ST # 6	HOUSTON	TX	77020-5905
0351240000003	ANC INTERESTS LLC	19507 ROCKVIEW LEDGE LN	CYPRESS	TX	77433-7734
0351330000010	ANDERSON BENNETT WAYNE	3306 BAER ST	HOUSTON	TX	77020-6102
1205880070001	ANDERSON IRA T & FRANCES H	1120 TEXAS ST APT 7A	HOUSTON	TX	77002-3135
0031350000020	ANDERSON JOHN M	6702 LYONS AVE STE 1	HOUSTON	TX	77020-5100
0010720000007	ANDERSON JONI TRUSTEE	5219 BRIAR DR	HOUSTON	TX	77056-1101
0351330000011	ANDERSON ROBERT F III	1127 ASHLAND ST	HOUSTON	TX	77008-6737
1398910010001	ANDERSON-BALLIS JONI	9010 SANDRINGHAM DR	HOUSTON	TX	77024-5823
1228970000026	ANDERSSEN MICHELLE	201 MAIN ST UNIT 50	HOUSTON	TX	77002-1746
1228970000011	ANGUENOT JULIEN	201 MAIN ST UNIT 3K	HOUSTON	TX	77002-1747
0011010000001	ANNUNCIATION CATHOLIC CHURCH	PO BOX 907	HOUSTON	TX	77001-0907
0610490260001	ANSARI WASEEM & SHAZIA	608 MIDDLE ST STE H	HOUSTON	TX	77003-1579
1268950010002	ANTHONY LESLIE	6502 MESA VISTA CT	HOUSTON	TX	77083-1440
0562330000020	ANTONIO ROSARIO R	4230 COKE ST	HOUSTON	TX	77020-6322
0351330000005	ANTWINE LILLIE DELL ESTATE OF	612 GROVE ST	HOUSTON	TX	77020-6032
1228970000010	APPLETON ANDREW G	201 MAIN ST UNIT 3J	HOUSTON	TX	77002-1747
1216410000011	ARBOLEDA FABIAN	915 N SAN JACINTO ST UNIT 2E	HOUSTON	TX	77002-1239
1399310010006	ARBUCKLE SCOTT G	613 PRESS STREET	HOUSTON	TX	77020-8639

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hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
0010330000018	ARNOLD SCOTT & LISA	310 MAIN ST STE 200	HOUSTON	TX	77002-1859
1207900000027	ARREDONDO DANIEL	777 PRESTON ST	HOUSTON	TX	77002-1679
0120120000027	ARRIAGA JUAN A	1006 HENKE ST	HOUSTON	TX	77020-6851
0142590000023	ART & ENVIRONMENTAL ARCHITECTURE INC	1654 BONNIE BRAE ST	HOUSTON	TX	77006-5219
1285510050004	ARTHUR MICHAEL T	5427 PINE SPRINGS CT	CONROE	TX	77304-4058
1285510050005	ARTHUR MICHAEL T	2320 SPERBER LN	HOUSTON	TX	77003-1553
1216420050006	ASHTON ELIZABETH S	505 BASTROP ST APT 506	HOUSTON	TX	77003-2238
1361480010010	ASONGWE EMMANUEL	613 BAYOU ST	HOUSTON	TX	77020-6015
1388580010003	AUSTIN ROBERT LOUIS JR & TANESHA T	710 MEADOW ST	HOUSTON	TX	77020-5902
1358450010005	AYALA MONICA N	723 SCHWARTZ ST	HOUSTON	TX	77020-5957
1207900000016	AZEVEDO RICARDO	915 FRANKLIN ST UNIT 3A	HOUSTON	TX	77002-1737
0562330000015	B H L HOMES	615 KELLEY ST	HOUSTON	TX	77009-1349
1359690010003	BAILEY BRIAN JAMES	708 SCHWARTZ ST	HOUSTON	TX	77020-5958
0120120000031	BANDA TEOFILO	1134 HOFFMAN ST	HOUSTON	TX	77020-7306
1237490010022	BANNOVA OLGA	2218 ANN ST	HOUSTON	TX	77003-1147
0011790000001	BANYAN DRAKE LOFTS LLC	2411 3RD ST UNIT E	SANTA MONICA	CA	90405-3618
1301120010004	BARILLAS REGINA I	3202 BAER ST	HOUSTON	TX	77020-6004
1399310010019	BARKER GARRETT	639 PRESS ST	HOUSTON	TX	77020-8639
1311240010003	BARNES TITUS	601 MEADOW ST	HOUSTON	TX	77020-5941
0060320000004	BARRERA ISAURO S	2908 BAER ST	HOUSTON	TX	77020-5906
1207900000022	BATES KEVIN THOMAS & COURTNEY NICHELE	915 FRANKLIN ST APT 3G	HOUSTON	TX	77002-1737
0010490000007	BATMANIS CHRISTINE	21211 BARTON HOLLOW LN	RICHMOND	TX	77407-6417
1216420050009	BATSON TERRELL L & CASSIE J	505 BASTROP ST APT 509	HOUSTON	TX	77003-2238
1207900000088	BAUCOM SHERILYN	915 FRANKLIN ST UNIT 81	HOUSTON	TX	77002-1725
1228970000023	BAYCROFT WILLIAM T	201 MAIN ST UNIT 5A	HOUSTON	TX	77002-1748
1207900000064	BAYOU GROUP 3 LLC	214 TRAVIS ST	HOUSTON	TX	77002-1717
1237490010042	BAYOU LANDING HOA INC % PRINCIPAL MANAGEMENT GROUP	11000 CORPORATE CENTRE DR STE 150	HOUSTON	TX	77041-5179
1263940010002	BEAVERS CRYSTAL	2422 NAVIGATION BLVD UNIT B	HOUSTON	TX	77003-1569
1392700010007	BECKWITH RENADA	2429 COMMERCE ST	HOUSTON	TX	77003-1530
1263940010006	BEKER JOSHUA	4511 BLACKSMITH CV	SPICEWOOD	TX	78669-6594
0730430030006	BELTRAN DAVID A	1123 GAZIN ST	HOUSTON	TX	77020-7406
0010480000006	BENDANMAR LIMITED	1305 PRAIRIE ST STE 200	HOUSTON	TX	77002-2019
0120100000029	BENGY'S INVESTMENTS INC	12554 OLD PINE LN	HOUSTON	TX	77015-2070
0011050000007	BENITEZ LEOPOLDO P	1601 CONGRESS ST	HOUSTON	TX	77002-2207
0090060000003	BENSON JAMES E	PO BOX 8885	HOUSTON	TX	77249-8885
1237490010041	BERLETH KATHLEEN D	2221 ANN ST	HOUSTON	TX	77003-1146
1285510020057	BERTOLIN ALBERTO	2330 COMMERCE ST	HOUSTON	TX	77003-1537
1285510020050	BHAKTA PARTHIV	2344 COMMERCE ST	HOUSTON	TX	77003-1537
1285510050015	BHISE SEAN V	2330 SPERBER LN	HOUSTON	TX	77003-1553

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1392700010008	BIERDS JENNIFER A & MATTHEW A	2431 COMMERCE ST	HOUSTON	TX	77003-1530
1285510050016	BISTIS TELLY J	2332 SPERBER LN	HOUSTON	TX	77003-1553
0610490220015	BLACKSHEAR ODESSA	935 ANDOVER GLEN DR	FRESNO	TX	77545-7971
0031330000006	BLACKWOOD EDD C JR & KAREN	1002 N SAN JACINTO ST	HOUSTON	TX	77002-1139
1361480010002	BLAKE DEMARCUS K	3118 BAER ST	HOUSTON	TX	77020-6002
1245270020002	BLAKELY BROOKE	2321 ANN ST	HOUSTON	TX	77003-1001
1285510030013	BLESSMAN SARAH E	203 RILEY LN	HOUSTON	TX	77003-1543
0011650000006	BLOCK 169 LLC	501 CRAWFORD ST STE 500	HOUSTON	TX	77002-2113
0010070000013	BLOCK 7 SSBB LP	PO BOX 713	CYPRESS	TX	77410-0713
0010760000001	BLOCK 76 PARTNERS LTD	4265 SAN FELIPE ST STE 550	HOUSTON	TX	77027-3019
0010090000001	BLOCK 9 LTD	2145 WINROCK BLVD	HOUSTON	TX	77057-4003
1502310010001	BLOCK 97 OWNER LLC ATTN: CHRIS MCGHEE	3000 RICHMOND AVE	HOUSTON	TX	77098-3102
0010980000002	BLOCK 98 HOUSTON LLC C/O TRAMMELL CROW COMPANY LLC	2800 POST OAK BLVD STE 400	HOUSTON	TX	77056-6169
0011080000014	BLOSSOM DEVELOPMENT INC	1215 GESSNER RD	HOUSTON	TX	77055-6013
0031300000001	BOARD OF REGENTS ATTN: OFFICE OF REAL ESTATE SERVICES	5000 GULF FWY BLDG 1	HOUSTON	TX	77204-8017
1207900000092	BOWEN JOHN T & TONI	17040 W FM1097 RD UNIT 6102	MONTGOMERY	TX	77356-7525
0610490200015	BOWERS DARRELL	4714 PROVIDENCE ST	HOUSTON	TX	77020-6408
1285510010004	BOYD CHAD ANTWAN	108 ADAM LN	HOUSTON	TX	77003-5326
1216420030010	BOYKO PHILLIP W & LINDA G	505 BASTROP ST APT 310	HOUSTON	TX	77003-2234
1207900000054	BOYLES WILLIAM W III	915 FRANKLIN ST TRAVIS UNIT 5M	HOUSTON	TX	77002
1285510020012	BRADSHAW JOHN ELLIOT JR	5104 JACKSON ST	HOUSTON	TX	77004-5923
0010330000016	BRAKATSELOS THEODORE E	PO BOX 131095	HOUSTON	TX	77219-1095
1399310010018	BRANSFORD AMY RENEE	637 PRESS ST	HOUSTON	TX	77020-8639
1207900000042	BRITTON TIMOTHY J	1404 BOULDIN AVE	AUSTIN	TX	78704-2332
1228970000019	BROWN CHRISTIE L	201 MAIN ST UNIT 4H	HOUSTON	TX	77002-1748
0291100000019	BROWN THEDORA	4412 GUNTER ST	HOUSTON	TX	77020-7129
0291100000007	BROWN VICTOR T JR	4421 COKE ST	HOUSTON	TX	77020-7109
0291100000006	BROWN WILLIE ESTATE OF % NANCY B WHITE & C G WILLIAMS	19414 CREEK BEND DR	SPRING	TX	77388-3095
1228970000028	BRUZDOSKI KAREN F	201 MAIN ST UNIT 5F	HOUSTON	TX	77002-1748
1268950010003	BRYANT JOHN K	3404 NANCE ST UNIT A	HOUSTON	TX	77020-6145
1207900000031	BUCKLEY TERRY D	915 FRANKLIN ST UNIT 4C	HOUSTON	TX	77002-1736
0010020000013	BUFFALO BAYOU PARTNERSHIP	1113 VINE ST STE 200	HOUSTON	TX	77002-1045
0010020000015	BUFFALO BAYOU PARTNERSHIP ATTN: ANNE OLSON	1113 VINE ST STE 200	HOUSTON	TX	77002-1045
0291100000010	BUGGS NEWELL MRS	5515 GRACE LN	HOUSTON	TX	77021-2809
0291100000011	BUGGS NEWELL MRS	4720 HERSHE ST	HOUSTON	TX	77020-4204
1207900000046	BUI BRIAN	915 FRANKLIN ST UNIT 5E	HOUSTON	TX	77002-1734
1237490010015	BUI HUAN T	8522 BLUEGATE ST	HOUSTON	TX	77025-3804
1285510040004	BURNS PATRICK	2422 ROUFA	HOUSTON	TX	77003-1546
0010200000001	BW HOU HOSPITALITY LLC	5847 SAN FELIPE ST STE 4600	HOUSTON	TX	77057-3426

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hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
1228970000016	CAGLE ERIC MITCHELL	201 MAIN ST UNIT 4E	HOUSTON	TX	77002-1747
1285510030021	CAIN ALICIA F	219 RILEY LN	HOUSTON	TX	77003-1543
0371250000001	CALDERON ERICK	5630 CHEENA DR	HOUSTON	TX	77096-4902
1359690010002	CALIS BASTIAAN T	2906 BAER ST	HOUSTON	TX	77020-5906
0060310000008	CALIX JOSE H % JESUS TERRAZAS	3417 MARKET ST	HOUSTON	TX	77020-3927
1301120010006	CALLAS BRETT N & VAN NGHIEM	3216 BAER ST	HOUSTON	TX	77020-6004
1285510020047	CALVILLO BERTHA A	2350 COMMERCE ST	HOUSTON	TX	77003-1537
0351280000002	CALWOOD INVESTMENTS LLC	16406 AZIMUTH DR	CROSBY	TX	77532-5025
1216420020005	CAMACHO ARIEL MARTINEZ	505 BASTROP ST APT 205	HOUSTON	TX	77003-2216
1205880100002	CAMPBELL PAUL	1120 TEXAS ST APT 10B	HOUSTON	TX	77002-3136
0371180000001	CANAL RFP LLC ET AL	4713 W LOVERS LN STE 200	DALLAS	TX	75209-3135
1285510050025	CANEZ JEREMY	2350 SPERBER LN	HOUSTON	TX	77003-1553
1285510020041	CANTU ALDO P	2362 COMMERCE ST	HOUSTON	TX	77003-1537
1216420040003	CANTU CHRIS D & LINDA L	505 BASTROP ST APT 403	HOUSTON	TX	77003-2235
0371390000005	CANTU ESTHER GARCIA	419 HENRY ST	HOUSTON	TX	77009-8012
0351260000013	CANTU PEDRO	3120 NANCE ST	HOUSTON	TX	77020-6037
0351250000015	CANTU PEDRO L	3207 BAER ST	HOUSTON	TX	77020-6003
1355520010002	CARBAJAL DAVID E & DEBORA R	3018 BAER ST	HOUSTON	TX	77020-5908
0291090000007	CARMOUCHE JOHN & KEREAL	4506 COKE ST	HOUSTON	TX	77020-7112
1205880090001	CARRIER SUSAN M	1120 TEXAS ST # 9A	HOUSTON	TX	77002-3136
1285510020017	CASBY CEDRIC	2415 ROUFA RD	HOUSTON	TX	77003-1544
0011060000008	CASPIAN ENTERPRISES INC	101 CRAWFORD ST STE 100	HOUSTON	TX	77002-2198
1207900000106	CASSIER MARIO L & DEBRA M	47 HIGHLAND CIR	SPRING	TX	77381-3886
1205880050002	CASSIER PROPERTIES LLC SERIES 5	47 HIGHLAND CIR	SPRING	TX	77381-3886
1237490010007	CASTELLANOS ALEJANDRO	2238 ANN ST	HOUSTON	TX	77003-1147
0090060000009	CASTILLO MARIA C	605 CAGE ST	HOUSTON	TX	77020-6119
1363240010001	CASTRO CHRISTINA K	703 BAYOU ST	HOUSTON	TX	77020-6017
1237490010004	CAVAZOS VICTORIA M	2244 ANN ST	HOUSTON	TX	77003-1147
1207900000023	CAW PROPERTY MANAGEMENT LLC	915 FRANKLIN ST APT 2E	HOUSTON	TX	77002-1738
0402620000024	CDAB IV LP	1120 LOCKWOOD DR	HOUSTON	TX	77020-7322
1356980010001	CEBALLOS OBED	2927 BAER ST	HOUSTON	TX	77020-5905
0010080000002	CENTERPOINT ENERGY HOU ELE PROPERTY TAX DEPT 38TH FLR	PO BOX 1475	HOUSTON	TX	77251-1475
0090070000011	CERVANTES JOSE GUADALUPE	715 CAGE ST	HOUSTON	TX	77020-6121
1285510020022	CESTARI NICHOLAS	116 RILEY LN	HOUSTON	TX	77003-1539
1216420040005	CHADWICK KASI	505 BASTROP UNIT 405	HOUSTON	TX	77003-2235
0351310000003	CHAN & MAYAD INVESTMENTS LLC	1406 COLLINGSWORTH ST	HOUSTON	TX	77009-4206
0422210000009	CHARTRES REALTY LLC	10201 N CENTRAL EXPRESSWAY STE 300	DALLAS	TX	75231-3401
0351330000006	CHAVARRIA MARIA	3305 GILLESPIE ST	HOUSTON	TX	77020-6129
1368730010003	CHILTON ANDREW	3307 BAER ST	HOUSTON	TX	77020-6101

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hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
0610490220017	CHOCOLATE BAYOU PROPERTIES LLC	PO BOX 430	SHERIDAN	TX	77475-0430
0010550000006	CHRIST CHURCH CATHEDRAL HOUSTON	1117 TEXAS ST	HOUSTON	TX	77002-3113
0371130000001	CHURCH OUR LADY GUADALUPE & CEMETERY	2405 NAVIGATION BLVD	HOUSTON	TX	77003-1510
0011820000015	CILURSO FREDERICK S	1400 MCKINNEY ST UNIT 3601	HOUSTON	TX	77010-4068
1307910010002	CITY LOFTS LLC	1215 GESSNER RD	HOUSTON	TX	77055-6013
0010020000023	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
1307910010003	CITY VIEW II LLC	1215 GESSNER RD	HOUSTON	TX	77055-6013
1399310010007	CITYSIDE HOMES LLC	1815 SHEARN ST	HOUSTON	TX	77007-4051
1207900000033	CLARK HUBERT R	915 FRANKLIN ST UNIT 4E	HOUSTON	TX	77002-1736
1207900000057	CLARK RYAN	915 FRANKLIN ST UNIT 6B	HOUSTON	TX	77002-1730
1207900000024	CLARKE STEPHEN	329 KINGS FOREST DR	LUFKIN	TX	75904-7378
1207900000104	CLAWSON JIM JR & SUSAN A	1865 MYKAWA RD	PEARLAND	TX	77581-3207
1228970000043	CLAYTON WOODROW	201 MAIN ST UNIT 6K	HOUSTON	TX	77002-1749
0402620000030	CLEME MANOR HOLDINGS LLC	122 E 42ND ST STE 3500	NEW YORK	NY	10168-3599
1285510020032	COHEN HOWARD A	2100 WEST LOOP S STE 900	HOUSTON	TX	77027-3522
0590090020006	COHEN JAY H % TOWMEY MAY PLLC	P O BOX 541351	HOUSTON	TX	77254-1351
0010460000003	COKINS JOHN H	5400 ROSE ST	HOUSTON	TX	77007-5258
1245270010002	COLON JUAN C	2303 ANN ST	HOUSTON	TX	77003-1001
0011640000006	COMMERCE HUTCHINS LP	1717 SAINT JAMES PL STE 112	HOUSTON	TX	77056-3412
1285510030001	COMMERCE STREET DEVELOPMENT LTD	4512 MONTROSE BLVD	HOUSTON	TX	77006-5828
0012050000001	COMMERCIAL WASHER & DRYER CO INC	2215 CONGRESS ST	HOUSTON	TX	77003-2205
0012050000013	COMMERCIAL WASHER & DRYER CO INC	2215 CONGRESS ST	HOUSTON	TX	77003-2205
0011190000002	CONGREGATION OF INCARNATE	3400 BRADFORD ST	HOUSTON	TX	77025-1328
0422160000079	CORDASCO RACHEL L	2901A GILLESPIE ST	HOUSTON	TX	77020-5929
1285510020023	CORLEY MICHAEL R & PATRICIA R	321 N OKLAHOMA AVE APT 510	OKLAHOMA CITY	OK	73104-1848
1237490010025	CORMIER KAYLA	2212 ANN ST	HOUSTON	TX	77003-1147
1228970000055	CORNWELL DONALD	1914 W GRAY ST	HOUSTON	TX	77019-4884
1228970000057	CORNWELL DONALD	201 MAIN ST UNIT 8CD	HOUSTON	TX	77002-1750
0730430050016	CORONADO JUAN & ROSA MARIA	1134 ROUSE ST	HOUSTON	TX	77020-7447
0730430050006	CORTEZ GREGORY L ESTATE OF	1123 HENKE ST	HOUSTON	TX	77020-7414
1285510030019	COTRINO JUAN D	111 MOUNTAIN LAUREL DR	MONTGOMERY	TX	77316-1492
1285510010007	COTTRELL SHONDA L	114 ADAM LN	HOUSTON	TX	77003-5326
0010050000004	COUNTY OF HARRIS	PO BOX 1525	HOUSTON	TX	77251-1525
1207900000083	COVER MARK & ANN M	2111 PINE VALLEY DR	HOUSTON	TX	77019-3507
1285510020036	COVINGTON JOSEPH F III	2372 COMMERCE ST	HOUSTON	TX	77003-1537
1207900000100	COX CARY	915 FRANKLIN ST UNIT 9H	HOUSTON	TX	77002-1733
1311240010006	COX TRAVIS	2924 BAER ST	HOUSTON	TX	77020-5906
1355630010001	CPI MARQ CATALYSY OWNER LP	1001 PENNSYLVANIA AVE NW	WASHINGTON	DC	20004-2505
1205880060001	CRANE KEITH & PATRICIA	1120 TEXAS ST APT 6A	HOUSTON	TX	77002-3135

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1263940010005	CRAWFORD DESHAWN	2422 NAVIGATION BLVD UNIT E	HOUSTON	TX	77003-1569
0610490200014	CRAWFORD MINNIE	4719 COKE ST	HOUSTON	TX	77020-7115
0402580000003	CRIMMINS KENNETH F	1816 HARVARD ST	HOUSTON	TX	77008-4342
0031330000015	CRM CONATUM LLC	22119 BLACKSBURG CT	KATY	TX	77450-8034
1358450010016	CROASDALE KATHLEEN	719 SCHWARTZ ST	HOUSTON	TX	77020-
1207900000112	CROWN CASTLE TOWERS 06-2 LLC	4017 WASHINGTON RD PMB 353	CANONSBURG	PA	15317-2510
0010720000015	CS HPB LLC	1 CHOICE HOTELS CIR STE 400	ROCKVILLE	MD	20850-5172
0351330000008	CUADROS URIEL & MARIA	3311 GILLESPIE ST	HOUSTON	TX	77020-6129
1237490010006	CUBELLIS GUIDO J	1104 W 25TH ST	HOUSTON	TX	77008-1830
1237490010033	CUEVA EDMUND P	2205 ANN ST	HOUSTON	TX	77003-1146
1207900000041	CULBERT KATHERINE S	915 FRANKLIN ST APT 4N	HOUSTON	TX	77002-1736
1216410000001	CURL ARTHUR N JR & MARY C	423 BYRNE ST	HOUSTON	TX	77009-7209
0010020000001	CURRENT OWNER	1717 SAINT JAMES PLACE STE 112	HOUSTON	TX	77056-3412
0010270000012	CURRENT OWNER	3234 WESTHEIMER RD	HOUSTON	TX	77098-1000
0011000000001	CURRENT OWNER	1717 SAINT JAMES PL STE 118	HOUSTON	TX	77056-3409
0011610000019	CURRENT OWNER	1820 FRANKLIN ST	HOUSTON	TX	77002-2206
0011620000001	CURRENT OWNER	1818 COMMERCE ST	HOUSTON	TX	77002-
0060320000003	CURRENT OWNER	PO BOX 541631	HOUSTON	TX	77254-1631
0351330000001	CURRENT OWNER	PO BOX 15110	HOUSTON	TX	77220-5110
0371390000003	CURRENT OWNER	2406 CANAL ST	HOUSTON	TX	77003-1521
0720560000010	CURRENT OWNER	1138 CALLES ST	HOUSTON	TX	77020-7222
0730430030014	CURRENT OWNER	1142 ZOE ST	HOUSTON	TX	77020-7405
1205880040004	CURRENT OWNER	1120 TEXAS ST APT 4D	HOUSTON	TX	77002-3135
1207900000058	CURRENT OWNER	915 FRANKLIN ST UNIT 6C	HOUSTON	TX	77002-1730
1216410000006	CURRENT OWNER	915 N SAN JACINTO ST UNIT 1H	HOUSTON	TX	77002-1239
1228970000004	CURRENT OWNER	201 MAIN ST UNIT 3D	HOUSTON	TX	77002-1747
1228970000033	CURRENT OWNER	201 MAIN ST UNIT 5K	HOUSTON	TX	77002-1749
1228970000042	CURRENT OWNER	10811 NINA RDG	SAN ANTONIO	TX	78255-3616
1228970000047	CURRENT OWNER	201 MAIN ST UNIT 7E	HOUSTON	TX	77002-1749
1237490010001	CURRENT OWNER	2250 ANN ST	HOUSTON	TX	77003
1245270010003	CURRENT OWNER	2629 NEWMAN ST	HOUSTON	TX	77098-1403
1245270020007	CURRENT OWNER	2333 ANN ST	HOUSTON	TX	77003-1001
1263940020005	CURRENT OWNER	6464 WILSHIRE RIDGE	HOUSTON	TX	77040-
1285510010008	CURRENT OWNER	5535 MEMORIAL DR STE F # 711	HOUSTON	TX	77007-8023
1285510020027	CURRENT OWNER	106 RILEY LN	HOUSTON	TX	77003-1539
1285510030018	CURRENT OWNER	4047 DUMBARTON ST	HOUSTON	TX	77025-2313
1285510040017	CURRENT OWNER	2331 SPERBER LN	HOUSTON	TX	77003-1554
1311240010009	CURRENT OWNER	2932 BAER ST	HOUSTON	TX	77020-5906
1411020010004	CURRENT OWNER	612 MEADOW ST	HOUSTON	TX	77020

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hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
1216420040002	CURRENT OWNER % DONALD R NICKELL JR-TRUSTEE	PO BOX 111695	HOUSTON	TX	77293-0695
0011200000006	CURRENT OWNER % LOUIS MACEY	1717 SAINT JAMES PL STE 118	HOUSTON	TX	77056-3409
1207900000099	CURRENT OWNER C/O PHILIPPE TANGUY	2700 POST OAK BLVD 21ST FLOOR	HOUSTON	TX	77056-5797
1245270020005	CURTIS JODI L	2329 ANN ST	HOUSTON	TX	77003-1001
0012080000001	CWEREN MELVIN	4122 BREAKWOOD DR	HOUSTON	TX	77025-4007
1225170010001	CWS HOUSTON LOFTS LP	9606 N MOPAC EXPY STE 500	AUSTIN	TX	78759-5960
0511770060004	CY FAIR VILLAGE LLC	10680 JONES RD STE 600	HOUSTON	TX	77065-4295
1381870010001	D & A INTERNATIONAL CORP	26-80 30TH ST 6D	ASTORIA	NY	11102-2115
1399310010003	DADABHOY HUSAIN	607 PRESS ST	HOUSTON	TX	77020-8639
0300970000005	DAKOTA LOFTS LP	1210 W CLAY ST	HOUSTON	TX	77019-4175
1237490010020	DANG HUY	2457 PEBBLEBROOK CIR	CONROE	TX	77384-3677
1245270010006	DANG VAN DINH	2311 ANN ST	HOUSTON	TX	77003-1001
1216420030006	DANGTRAN KENT	13818 MAGNOLIA MANOR DR	CYPRESS	TX	77429-8162
0371260000002	DANIEL & EDITH RIPLEY LLC C/O JAMES GREENWOOD III CEO	1306 POTOMAC DR UNIT B	HOUSTON	TX	77057-2063
0031290000006	DARK JOSEPH R	PO BOX 980098	HOUSTON	TX	77098-0098
1228970000048	DARLING MICHAEL ROTHBURN	201 MAIN ST UNIT 7F	HOUSTON	TX	77002-1749
1285510020055	DARMAS TAMAR	2334 COMMERCE ST	HOUSTON	TX	77003-1537
1207900000014	DARRELL BRUCE L	13505 INWOOD RD APT 2142	FARMERS BRNCH	TX	75244
1228970000053	DASARI USHA	201 MAIN ST UNIT 7K	HOUSTON	TX	77002-1750
1237490010037	DAVIS ASIA	2213 ANN ST	HOUSTON	TX	77003-1146
1301120010011	DAVIS CHANA	3224 BAER ST	HOUSTON	TX	77020-6004
0610490200002	DAVIS HENRY	24011 SPRING CRYSTAL CT	SPRING	TX	77373-9018
0610490190005	DAVIS LOYS P	7803 RANIC DR	HOUSTON	TX	77064-1718
1228970000037	DBARRINGER HOLDINGS LLC	1205 FRESA RD	PASADENA	TX	77502-5017
1285510020024	DEATON II PHILLIP GERALD	112 RILEY LN	HOUSTON	TX	77003-1539
1285510010001	DELACRUZ ONELIA I	102 ADAMS ST	HOUSTON	TX	77011-3204
0730430030007	DELVILLAR JUAN	1127 GAZIN ST	HOUSTON	TX	77020-7406
1285510010005	DEMARTIMPREY STEPHAN A	616 PEACE PIPE CT	LUSBY	MD	20657-5154
0351300000007	DEMOZ HAGOS	922 SPRING LAKES HAVEN DR	SPRING	TX	77373-8468
1205880090003	DETIVEAUX JOHN D	1120 TEXAS ST APT 9C	HOUSTON	TX	77002-3136
0011060000001	DETTE SHAN PROPERTIES	9611 WINDRUSH DR	SPRING	TX	77379-6664
0351240000006	DEV DARA LLC	PO BOX 509	BARKER	TX	77413-0509
1285510030010	DEXTER DAMON	115 RILEY LN	HOUSTON	TX	77003-1542
0011130000006	DH COMMERCE LLC	3863 S NEWPORT WAY	DENVER	CO	80237-1245
0090060000005	DIAZ ESMERALDA	503 MOODY ST	HOUSTON	TX	77009-2747
0730430040015	DIAZ JERRY D	1138 GAZIN ST	HOUSTON	TX	77020-7407
0351330000007	DICKERSON BRANDON JERMAINE	3309 GILLESPIE ST	HOUSTON	TX	77020-6129
0011830000012	DIOCESE OF GALVESTON-HOUS ATTN: REAL ESTATE DEPT	1700 SAN JACINTO ST	HOUSTON	TX	77002-8216
1237490020004	DIVITO ERIK J	2229 ANN ST	HOUSTON	TX	77003-1146

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hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
1285510050002	DOAN PHONG Q	2304 SPERBER LN	HOUSTON	TX	77003-1553
1285510040009	DOAN TIMOTHY	2347 SPERBER LN	HOUSTON	TX	77003-1554
1237490010012	DONOVAN MATTHEW P	4406 LEELAND ST	HOUSTON	TX	77023-3020
1285510020026	DORETHY JAY M	108 RILEY LN	HOUSTON	TX	77003-1539
0610490200017	DORRIDGE LLC	12950 EXECUTIVE DR	SUGAR LAND	TX	77478-4500
1228970000021	DOUCEN RAYMOND	201 MAIN ST UNIT 4J	HOUSTON	TX	77002-1748
1245270020012	DOUTRE CLAIRE	2343 ANN ST	HOUSTON	TX	77003-1001
1285510020039	DOWLING WYATT J	2366 COMMERCE ST	HOUSTON	TX	77003-1537
1216420050001	DOXEY REBECCA	505 BASTROP ST UNIT 501	HOUSTON	TX	77003-2237
1237490010005	DOYAL JENNIFER	2242 ANN ST	HOUSTON	TX	77003-1147
1365250010001	DPR DOWNTOWN HOUSTON LLC	270 SOUTH SERVICE RD STE 45	MELVILLE	NY	11747-2399
0120090000019	DUDLEY WILSON WILLIAM	13831 MAISEMORE RD	HOUSTON	TX	77015-2302
1205880050003	DUHON DOUGLAS	1120 TEXAS ST APT 5C	HOUSTON	TX	77002-3135
1399310010027	DUNCAN JACQUELINE A	655 PRESS ST	HOUSTON	TX	77020-8639
0511770060009	DUNN JEFFREY D & KERRY	4128 PURDUE AVE	DALLAS	TX	75225-6701
1307900010003	DUONG HONG	18314 TIMBER STRAND DR	HOUSTON	TX	77084-5671
1207900000079	DUPONT THOMAS B II	1015 SHIRKMERE DR	HOUSTON	TX	77008-6352
0011880000006	DVORAK PAUL M	PO BOX 36242	DALLAS	TX	75235-1242
0371290000002	DY NAVIGATION LLC	135 WATER ST 4TH FLR	NAPERVILLE	IL	60540-5493
1285510020002	DYKE JOSHUA	105 ADAM LN	HOUSTON	TX	77003-5327
0010490000009	E BATMANIS HOLDINGS LLC	2001 BANKS ST	HOUSTON	TX	77098-5301
1237490010035	EARLY CHRISTIAN W	4111 NW 6TH ST STE C	GAINESVILLE	FL	32609-0730
0011920000001	EAST DOWNTOWN REDEVELOPMENT AUTHORITY	PO BOX 1562	HOUSTON	TX	77251-1562
0271150000015	EASY STREET HOLDINGS LLC	644 BLUE CRYSTAL CREEK RD	HENDERSON	NV	89002-0929
1216420050005	EDGIN ALAN D	505 BASTROP ST APT 0505	HOUSTON	TX	77003-2237
0351750010001	EDWARD ST PROPERTY LLC	175 MONARCH TRL	SUGAR LAND	TX	77498-2519
0291100000013	EHOV INVESTMENTS LTD	1520 OLIVER ST STE 202	HOUSTON	TX	77007-6035
1207900000006	ELDEN KEITH E	915 FRANKLIN ST UNIT 2G	HOUSTON	TX	77002-1738
0402620000023	ELEVEN TEN LOCKWOOD INC	PO BOX 21119	HOUSTON	TX	77226-1119
0010280000011	ELLIS CAROLYN ROSENSTOCK	1902 RICE BLVD	HOUSTON	TX	77005-1635
1285510050018	ELLIS JON R & ELIZABETH H	2336 SPERBER LN	HOUSTON	TX	77003-1553
1285510020006	ELPERS GABRIEL J	113 ADAM LN	HOUSTON	TX	77003-5327
1207900000045	ELVIG JOHN F & RUTH A ELVIG REVOCABLE TRUST	915 FRANKLIN ST UNIT 5D	HOUSTON	TX	77002-1734
1285510010002	EMEGHARA CHINASA E	104 ADAM LN	HOUSTON	TX	77003-5326
1285510020018	ENGLISH ROBERT L II	2417 ROUFA RD	HOUSTON	TX	77003-1544
0730430030010	ENRIQUE BERNAL	1139 GAZIN ST	HOUSTON	TX	77020-7406
1361610000001	EPISCOPAL HEALTH FOUNDATION	1225 TEXAS ST	HOUSTON	TX	77002-3504
0271130000001	EPSTEIN J MICHAEL % RMS LIGHTING INC	1802 NANCE ST	HOUSTON	TX	77020-5723
1307900010002	ERIC WIN GLOBAL RE HOLDINGS	4711 BICENTENNIAL CT	HOUSTON	TX	77066-2901

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hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
0011820000019	ERTEXAN INVESTMENTS LLC	5218 SPRUCE ST	BELLAIRE	TX	77401-3311
1285510020028	ESCOBAR FRANCISCO	104 RILEY LN	HOUSTON	TX	77003-1539
0271120000001	ESTATE LAND CO	2001 COMMERCE ST STE 200	HOUSTON	TX	77002-2380
1228970000007	ESTEP JAMES & JENNI	201 MAIN ST	HOUSTON	TX	77002-1746
1356980010002	ESTRADA HECTOR E	2923 BAER ST	HOUSTON	TX	77020-5905
0010140000001	EUGENE PILLOT LTD	PO BOX 542178	HOUSTON	TX	77254-2178
0351260000015	EXPRESS INVESTMENT LLC	PO BOX 19926	HOUSTON	TX	77224-1926
1399310010015	FADINA TEMITOPE E	631 PRESS ST	HOUSTON	TX	77020-8639
1263940020004	FAGAN PATRICK	2424 NAVIGATION BLVD UNIT D	HOUSTON	TX	77003-1572
1392700010018	FALK GEOFFREY	7G N ST CHARLES ST	HOUSTON	TX	77003-1584
0610490190001	FANG JIECHENG	4771 SWEETWATER BLVD STE 238	SUGAR LAND	TX	77479-3121
0300960000001	FANG LIVING TRUST	4771 SWEETWATER BLVD STE 238	SUGAR LAND	TX	77479-3121
0271160000003	FAST EQUIPMENT RENTALS INC C/O PATRICIA ALLISON	186 SPRING PINES DR	SPRING	TX	77386-1128
0291090000003	FCH EAST END LLC	1000 LOUISIANA ST STE 7000	HOUSTON	TX	77002-5049
0010020000004	FEAGIN MICHAEL RYAN TRUST % LYNDA EZER, TRUSTEE	10038 DEL MONTE DR	HOUSTON	TX	77042-2432
1205880070004	FENG ADA	1120 TEXAS ST APT 7D	HOUSTON	TX	77002-3135
1373590020001	FENWAY DEVELOPMENT INC	1520 OLIVER ST STE 230	HOUSTON	TX	77007-6035
0730430050009	FERNANDEZ GERARDO	1135 HENKE ST	HOUSTON	TX	77020
0270520000001	FESTIVUS LLC	PO BOX 7946	HOUSTON	TX	77270-7946
1207900000070	FIELD LAHIRI PROPERTIES LP	11 MAPLE LOFT PL	SPRING	TX	77381-6644
1349920010001	FINGER FSC CRAWFORD LTD	99 DETERING ST STE 200	HOUSTON	TX	77007-8259
1216420050010	FINLEY MICHAEL	5122 CASA GRANDE ST	DICKINSON	TX	77539-7507
0610490210003	FIRST CHOICE BUILDERS LLC	2009 PASADENA ST	HOUSTON	TX	77023-2554
1207900000019	FISCHER TIMOTHY BRIGGS	915 FRANKLIN ST UNIT 3D	HOUSTON	TX	77002-1737
0010100000004	FKM PARTNERSHIP LTD	PO BOX 1074	BELLAIRE	TX	77402-1074
0010330000005	FKM PARTNERSHIP LTD	PO BOX 1074	BELLAIRE	TX	77402-1074
1285510050019	FLAX EDWARD W JR	2338 SPERBER LN	HOUSTON	TX	77003-1553
1217310010012	FLEEKES HESTER	522 FINNIGAN PARK PLACE CT	HOUSTON	TX	77020-7742
1361480010004	FLORES BRANDY	3114 BAER ST	HOUSTON	TX	77020-6002
1265110010001	FLORES GERMAN A & KRISTEN R	2915 GILLESPIE ST	HOUSTON	TX	77020-5929
1316030010001	FLORES JERRY	6007 SPANISH OAK WAY	SPRING	TX	77379-8817
1216420030005	FLOWERS RICHARD W	PO BOX 540164	HOUSTON	TX	77254-0164
0610490220003	FLOWERS SANDRA F	4712 COKE ST	HOUSTON	TX	77020-7116
1285510050031	FONTENOTE RAYMOND TROY	2362 SPERBER LN	HOUSTON	TX	77003-1553
1207900000066	FORBES MICHAEL W	915 FRANKLIN ST UNIT 6K	HOUSTON	TX	77002-1730
1207900000052	FOSTER DON	610 MISSISSIPPI AVE	EL PASO	TX	79902-2416
1237490010030	FOSTER GODFREY	2202 ANN ST	HOUSTON	TX	77003-1147
1358450010025	FOURNIER MICHELLE	708 CLARK ST	HOUSTON	TX	77020-5918
1207900000059	FOX GEORGE E & CAROLYNE A	3514 ELLIES LN	MANVEL	TX	77578-3954

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hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
009007000010	FRANK WILLIAMS JR LLIVING TRUST	4176 S CLOVERDALE AVE	LOS ANGELES	CA	90008-1035
001027000004	FRANKLIN HAMILTON GROUP LP	1820 FRANKLIN ST	HOUSTON	TX	77002-2206
0010270000011	FRANKLIN HAMILTON GROUP LP	3307 HELEN ST	HOUSTON	TX	77009-6622
1228970000039	FRANKLIN LOFTS LTD PARTNER	848 YALE ST APT 23	HOUSTON	TX	77007-1577
0610490220013	FUERTES RAQUEL M	4717 EDMUND ST	HOUSTON	TX	77020-7711
1207900000010	FULLER JOSEPH O	915 FRANKLIN ST UNIT 2K	HOUSTON	TX	77002-1738
0010450000006	G K K LIN LP	18 ARIZONA	IRVINE	CA	92606-1762
1228970000058	GALLAGHER STACY	201 MAIN ST UNIT 8G	HOUSTON	TX	77002-1750
0010330000029	GANDG GROUP LLC	306 MAIN ST STE 200	HOUSTON	TX	77002-1984
0730430040014	GARCIA ALBERT	314 CODY ST	HOUSTON	TX	77009-3942
1285510050024	GARCIA ALTAGRACIA	2348 SPERBER LN	HOUSTON	TX	77003-1553
0120110000027	GARCIA BEN R	1146 HAHLO ST	HOUSTON	TX	77020-7304
1379920010004	GARCIA CECILIA	761 GROVE ST	HOUSTON	TX	77020-6033
1245270020013	GARCIA JESUS G	2345 ANN ST	HOUSTON	TX	77003-1001
0120110000029	GARCIA JESUS S	1138 HAHLO ST	HOUSTON	TX	77020-7304
0730430030017	GARCIA JUAN	1130 ZOE ST	HOUSTON	TX	77020-7405
0730430030011	GARCIA JUAN & MARIA T	1143 GAZIN ST	HOUSTON	TX	77020-7406
1205880070003	GARCIA JULIA M	1120 TEXAS ST APT 7C	HOUSTON	TX	77002-3135
0120110000035	GARCIA RAYMOND JASO	1126 HAHLO ST	HOUSTON	TX	77020-7304
1237490020002	GARCIA SARAH D	2233 ANN ST	HOUSTON	TX	77003-1146
1207900000056	GARTEN DAVID B & ANITA W	2139 TROON RD	HOUSTON	TX	77019-1511
1228970000062	GARVEY FRANK	848 YALE ST APT 23	HOUSTON	TX	77007-1577
1228970000001	GARVEY MANAGEMENT TRUST	848 YALE ST APT 23	HOUSTON	TX	77007-1577
0120120000033	GARZA ZULEMA	1130 HOFFMAN ST	HOUSTON	TX	77020-7306
1228970000046	GAYNOR THOMAS & CHERYL	201 MAIN ST UNIT 7D	HOUSTON	TX	77002-1749
1205880030001	GEIGEL JOHN & NANCY	1120 TEXAS ST APT 3A	HOUSTON	TX	77002-3135
1205880030003	GEIGEL JOHN & NANCY	1120 TEXAS ST APT 3C	HOUSTON	TX	77002-3135
0012050000006	GEOMIS LLC	2210 CONGRESS ST	HOUSTON	TX	77003-2206
1358450010017	GETER TY	721 SCHWARTZ ST	HOUSTON	TX	77020-5957
1285510020019	GIBBARD HIRAM	2419 ROUFA RD	HOUSTON	TX	77003-1544
1237490010002	GIBBS SABINA	2248 ANN ST	HOUSTON	TX	77003-1147
1228970000008	GIBBS WILLIAM ISAAC	201 MAIN ST UNIT 3H	HOUSTON	TX	77002-1747
1216410000002	GIDLEY JOHN K & FRANCES A	915 N SAN JACINTO ST UNIT 1C	HOUSTON	TX	77002-1239
1228970000024	GILDROY ANN HOPKINS	4013 PIPING ROCK LN	HOUSTON	TX	77027-3916
0071310000008	GILLESPIE CAPITAL LP	1311 RAINTREE CIR	SUGAR LAND	TX	77479-4009
1388580010002	GODFREY LOGAN	706 MEADOW ST	HOUSTON	TX	77020-5902
1207900000040	GODWIN DYLAN C	915 FRANKLIN ST UNIT 4M	HOUSTON	TX	77002-1736
1216410000007	GOERLAND LINDA L & EINAR H	202 LAKESHORE DR	SEABROOK	TX	77586-6129
1216420030001	GOMES JOSEPH E JR	505 BASTROP ST APT 301	HOUSTON	TX	77003-2233

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hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
1216420030004	GONZALES RICHARD J	505 BASTROP ST APT 304	HOUSTON	TX	77003-2233
1379920010002	GONZALEZ RICARDO JR	765 GROVE ST	HOUSTON	TX	77020-6033
1207900000061	GONZALEZ ROBERTO MARTINEZ	915 FRANKLIN ST UNIT 6 F	HOUSTON	TX	77002-1730
0730430030009	GONZALEZ ROLANDO B & VIVIAN R	1135 GAZIN ST	HOUSTON	TX	77020-7406
0730430030016	GONZALEZ ROSA M	1134 ZOE ST	HOUSTON	TX	77020-7405
1311240010004	GORDON EUGENE JR	2920 BAER ST	HOUSTON	TX	77020-5906
0071310000009	GPA MANAGEMENT LLC	12527 S NANAKSAR DR	HOUSTON	TX	77041-2727
1285510020007	GRANDY NICOLE K	115 ADAM LN	HOUSTON	TX	77003-5327
0351250000009	GREATER MOUNT OLIVE MISSIONARY	611 GROVE ST	HOUSTON	TX	77020-6031
1216420020010	GREENE JOANNE	505 BASTROP ST STE 210	HOUSTON	TX	77003-2217
1265110010003	GRESS TUCKER	2919 GILLESPIE ST	HOUSTON	TX	77020-5929
1217310010002	GRIMSTEAD TINA M	16222 S SOUTHERN STONE DR	HOUSTON	TX	77095-6609
1246600010017	GROSSMAN BRUCE H	1209 STERRETT ST	HOUSTON	TX	77002-1140
1385930010003	GSCVC LLC	1302 WAUGH DR STE 702	HOUSTON	TX	77019-3908
1399310010013	GUTIERREZ LYDIA L & LUIS A	627 PRESS ST	HOUSTON	TX	77020-8639
1285510020005	GUTIERREZ VIOLETA	13403 READS CT	HOUSTON	TX	77015-1342
1388580010001	GUTIERREZ-DIAZ CHRISTINA	702 MEADOW ST	HOUSTON	TX	77020-5902
1216420020008	GW FAMILY TRUST	28333 BREEZY CT	MAGNOLIA	TX	77355-6634
0402620000047	H A I ENTERPRISES LLC	1025 LOCKWOOD DR	HOUSTON	TX	77020-7301
0011850000001	H T LAND COMPANY	12219 MAPLE ROCK DR	HOUSTON	TX	77077-2532
0011870000002	H T LAND COMPANY	2001 COMMERCE ST STE 200	HOUSTON	TX	77002-2379
1207900000029	HALTOM DAVID B	200 LITTLE RAVEN ST UNIT 203	DENVER	CO	80202-
1228970000059	HAMILTON WINIFRED	201 MAIN ST UNIT 8H	HOUSTON	TX	77002-1750
1228970000030	HAPPE MARK J	201 MAIN ST UNIT 5H	HOUSTON	TX	77002-1748
1358450010007	HAQUE NAFISA	727 SCHWARTZ ST	HOUSTON	TX	77020-5957
0291100000005	HARBOUR PARTNERSHIP GROUP LLC	12207 SANTA FE SPRINGS CT	HOUSTON	TX	77041
0010040000001	HARRIS COUNTY FLOOD CONTROL DISTRICT	9900 NORTHWEST FWY	HOUSTON	TX	77092-8601
0011020000001	HARRIS COUNTY HOUSTON SPORTS AUTHORITY	701 AVENIDA DE LAS AMERICAS	HOUSTON	TX	77010
0610490190006	HARRIS TRINA	4609 COKE ST	HOUSTON	TX	77020-7113
1388680010002	HARRISBURG MARKETING INC	5401 HARRISBURG BLVD	HOUSTON	TX	77011-4233
1228970000051	HASTINGS BARBARA A	201 MAIN ST UNIT 7I	HOUSTON	TX	77002-1750
1228970000035	HAYES CHRISTOPHER	201 MAIN ST UNIT 6C	HOUSTON	TX	77002-1749
0562330000009	HAYWARD TERRY	2206 LAUREL BEND LN	HOUSTON	TX	77014-3600
0011140000001	HBP BLOCK 114 LLC	501 CRAWFORD ST STE 500	HOUSTON	TX	77002-2113
0610490200012	HECTOR EDDIE J	4707 COKE ST	HOUSTON	TX	77020-7115
1205880080004	HEEREY MICHAEL WAYNE	1120 TEXAS ST APT 8D	HOUSTON	TX	77002-3136
1245270010007	HELBER GEORGE	2313 ANN ST	HOUSTON	TX	77003-1001
1207900000072	HEMUS BETTY L	5100 SAN FELIPE ST UNIT 194E	HOUSTON	TX	77056-3688
1285510030022	HENAGAN MICHELLE	2357 SPERBER LN	HOUSTON	TX	77003-1554

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hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
1285510050017	HEPBURN ASHANTI C	2334 SPERBER LN	HOUSTON	TX	77003-1553
1245270010008	HERNANDEZ J FRANK	2315 ANN ST	HOUSTON	TX	77003-1001
0351240000012	HERNANDEZ MARIO & MARMALEJO JESSICA A	717 GREGG ST	HOUSTON	TX	77020-6150
1263940010004	HESSLER CHRISTOPHER T	2422 NAVIGATION BLVD UNIT D	HOUSTON	TX	77003-1569
1285510020054	HIFIBITS LLC	6100 CORPORATE DR STE 350	HOUSTON	TX	77036-3583
1207900000094	HILL JOHN R	915 FRANKLIN ST UNIT 9A	HOUSTON	TX	77002-1733
1301120010002	HINKSON CAMERON & NATALIA A	3206 BAER ST	HOUSTON	TX	77020-6004
1245270020008	HOLDEN TEAL A	2335 ANN ST	HOUSTON	TX	77003-1001
1363240010003	HOLDENER DANIEL G	711 BAYOU ST	HOUSTON	TX	77020-6017
0010700000006	HOLTZE HOUSTON LLLP	818 17TH ST	DENVER	CO	80202-3101
1207900000103	HOOPINGARNER JULIE C	915 FRANKLIN ST UNIT 9K	HOUSTON	TX	77002-1733
0010260000004	HORNBERGER BROS PPTIES INC	PO BOX 542178	HOUSTON	TX	77254-2178
1285510030017	HOSKINS VALERIE L	211 RILEY LN	HOUSTON	TX	77003-1543
1207900000050	HOSOKAWA HIROYUKI	414 KNOX ST	HOUSTON	TX	77007-7111
1207900000110	HOUSTON ARCHITECTURE FOUNDATION	315 CAPITOL ST STE 120	HOUSTON	TX	77002-2827
0010280000009	HOUSTON AREA COMMUNITY DEV % NEW HOPE HOUSING	3315 HARRISBURG BLVD STE 400	HOUSTON	TX	77003-2466
0010530000006	HOUSTON AREA URBAN LEAGUE	1300 MAIN ST STE 1600	HOUSTON	TX	77002-6803
0011600000001	HOUSTON BASEBALL PARTNERS LLC	501 CRAWFORD ST STE 500	HOUSTON	TX	77002-2113
1363420010001	HOUSTON CONVENTION CENTER HOTEL LLC	1777 WALKER ST STE 501	HOUSTON	TX	77010-5023
1246600010013	HOUSTON DAVID	15272 COLUMBIA AVE	WHITE ROCK	BC	V4B 1J6
0011700000006	HOUSTON FIRST CORPORATION	1001 AVENIDA DE LAS AMERICAS	HOUSTON	TX	77010-6035
0371080090023	HOUSTON HOUSING AUTHORITY	2640 FOUNTAIN VIEW DR	HOUSTON	TX	77057
0402580000010	HOUSTON ISD	4400 W 18TH ST	HOUSTON	TX	77092-8501
0562330000022	HOUSTON LAND BANK	PO BOX 131106	HOUSTON	TX	77219-1106
0271160000007	HOUSTON SASH & DOOR CO % A M EAVES	PO BOX 55607	HOUSTON	TX	77255-5607
0010490000004	HOUSTON SRO HOUSING CORP	3730 KIRBY DR STE 600	HOUSTON	TX	77098-3986
0031330000003	HOUSTON STUDIOS OF TEXAS LLC	104 W 32ND	AUSTIN	TX	78705-2302
0301030000010	HOUSTON STUDIOS OF TEXAS LLC	2333 CLAREMONT LN	HOUSTON	TX	77019-5809
0031330000009	HOUSTON STUDIOS OF TEXAS LLC ATTN: KEVIN DASCH	104 W 32ND ST	AUSTIN	TX	78705-2302
1217310010001	HOWARD TERRY L	523 FINNIGAN PARK PLACE CT	HOUSTON	TX	77020-7742
1207900000037	HREAL COMPANY LLC	17424 W GRAND PKWY STE 163	SUGAR LAND	TX	77479-2564
1285510050007	HRNCIR JASON L	2314 SPERBER LN	HOUSTON	TX	77003-1553
1207900000067	HSU JEAN E	2347 DRYDEN RD	HOUSTON	TX	77030-1149
1285510020010	HSU WAYNE	5315 HARPER HVN	MISSOURI CITY	TX	77459-1967
1339180010001	HT HOUSTON PORTFOLIO LP % TRAMMEL CROW HOUSTON	3625 DUFFERIN ST STE 500	TORONTO	ON	M3K 1N4
1285510020061	HUBBARD BARRY & LORI	2322 COMMERCE ST	HOUSTON	TX	77003-1537
1285510050009	HUFFMAN JEOFFREY M	2318 SPERBER LN	HOUSTON	TX	77003-1553
1207900000047	HUTCHINS FAMILY INVESTMENTS LLC	656 BAYWAY BLVD APT 5	CLEARWATER BEACH	FL	33767-2668
1392700010006	HUTCHINS SCOTT M	2427 COMMERCE ST	HOUSTON	TX	77003-1530

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hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
1237490010028	HUYNH BICH DIEP T & HAYES SEAN M	2206 ANN ST	HOUSTON	TX	77003-1147
0010270000008	HYCO INDUSTRIAL LTD ET AL	6315 BROMPTON RD	HOUSTON	TX	77005-3403
0031320000008	HYDRAULIC EQUIPMENT SERV	1021 N SAN JACINTO ST	HOUSTON	TX	77002-1138
0730430050007	IBARRA JOSE L O	1115 ROUSE ST	HOUSTON	TX	77020-7446
1361480010009	IBIOK UDOKA J	611 BAYOU ST	HOUSTON	TX	77020-6015
1381870010004	IDEX INTERNATIONAL CORP	5829 W SAM HOUSTON PKWY N STE 1103	HOUSTON	TX	77041-4742
0010200000002	IIDC LLC	6420 HILLCROFT ST STE 218	HOUSTON	TX	77081-3103
0060320000002	IN TOWN HOMES LTD	1520 OLIVER ST STE 270	HOUSTON	TX	77007-6035
0011840000006	INTERNATIONAL DO FOODS % THAI DO	1915 BISSONNET ST	HOUSTON	TX	77005-1644
0090060000007	INTOWNHOMES LTD	1520 OLIVER ST STE 270	HOUSTON	TX	77007-6035
0011610000004	IRMAS ENTERPRISES LLC	22 N CHENEVERT ST	HOUSTON	TX	77002-1302
1285510030012	IRUNGU GEOFFREY K	119 RILEY LN	HOUSTON	TX	77003-1542
0351310000015	IRVIN JENNIFER	620 SYDNOR ST	HOUSTON	TX	77020-6049
1285510040001	ISLAM SYED MONJURUL	26210 GRACE HILLS LN	KATY	TX	77494
1361140010005	JACOB DAVID M & KAYLA R	609 SYDNOR ST	HOUSTON	TX	77020-6048
0120100000027	JACQUEZ JUAN	827 ZOE ST	HOUSTON	TX	77020-6844
1237490010029	JAHNS JAROD S	2204 ANN ST	HOUSTON	TX	77003-1147
1285510030006	JAMESON TRAVIS B	107 RILEY LN	HOUSTON	TX	77003-1542
1285510020056	JAS FAMILY LIMITED PARTNERSHIP NO 4 LTD	2727 KIRBY DR STE 271	HOUSTON	TX	77098-1175
0371180000003	JAVA INVESTMENTS LLC	2002 RUNNELS ST	HOUSTON	TX	77003-1013
0120120000029	JD HOLIDAY LLC	350 DRIFTWOOD DR	GOODRICH	TX	77335-8026
0610490200018	JEFFERSON D BRYANT JR	11 THETFORD ST	SUGAR LAND	TX	77479-2960
1285510020011	JIMENEZ GERARDO	2403 ROUFA RD	HOUSTON	TX	77003-1544
1205880030002	JIULONG USA LLC	98 W MIRROR RIDGE CIR	SPRING	TX	77382-2512
1205880060004	JOHNSON MARK K & KATHLEEN	1120 TEXAS ST APT 6D	HOUSTON	TX	77002-3135
1205880100004	JOHNSON MARK K & KATHLEEN	1120 TEXAS ST APT 10D	HOUSTON	TX	77002-3136
1228970000022	JOHNSON REGINA A	201 MAIN ST UNIT 4K	HOUSTON	TX	77002-1748
1399310010010	JOHNSON RICHARD	621 PRESS ST	HOUSTON	TX	77020-8639
1237490010019	JOHNSON ROBERT	2224 ANN ST	HOUSTON	TX	77003-1147
1216410000003	JOHNSON TIMOTHY L	1515 HYDE PARK	HOUSTON	TX	77006-2538
0720560000011	JONES BIRDIE J & ERNEST J	2006 DORCHESTER DR	LEBANON	TN	37090-8308
1237490010038	JONES JOY L	2215 ANN ST	HOUSTON	TX	77003-1146
1285510020016	JONES LUANNE	13023 ELMINGTON DR	CYPRESS	TX	77429-
1228970000032	JONES SARAH BRENNER & STERLING	201 MAIN ST UNIT 5J	HOUSTON	TX	77002-1748
1358450010010	JORDAN RAY EDWARD	709 SCHWARTZ ST	HOUSTON	TX	77020-5957
0562330000014	JORDON SONJA	4202 GUNTER ST	HOUSTON	TX	77020-6324
0120100000031	JOSE ALANIS	1134 WOOLWORTH ST	HOUSTON	TX	77020-7316
1265110010002	JOSHI MANINDRA	4124 FERNWOOD DR	HOUSTON	TX	77021-1526
1301120010007	JOURDAIN SHELITA M	3214 BAER ST	HOUSTON	TX	77020-6004

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0730430040006	JULIAN PRESTON	8211 FAWN TERRACE DR	HOUSTON	TX	77071-3643
1207900000013	JUMP SEAN W	915 FRANKLIN ST UNIT 2A	HOUSTON	TX	77002-1738
1207900000001	JUMP SEAN W & ROBIN	915 FRANKLIN ST UNIT 2A	HOUSTON	TX	77002-1738
0011610000006	KALAS ALBERT	1820 FRANKLIN ST	HOUSTON	TX	77002-2206
0012040000001	KALAS CHARLES	1820 FRANKLIN ST	HOUSTON	TX	77002-2206
0011050000001	KALAS FRANK & ALBERT	1820 FRANKLIN ST	HOUSTON	TX	77002-2206
1285510040013	KALBAN AMY	2339 SPERBER LN	HOUSTON	TX	77003-1554
1387780010001	KAM SCOTT	4525 TWAIN AVE APT 75	SAN DIEGO	CA	92120-4139
1245270020001	KANIK JEAN A	PO BOX 568	HOUSTON	TX	77001-0568
1399310010025	KAPPLE MELISSA & NICHOLAS	651 PRESS ST	HOUSTON	TX	77020-8639
1361480010006	KARIM ALAMGIR	3106 BAER ST	HOUSTON	TX	77020-6002
1207900000090	KARVE SHASHANK V & MEDHA	230 ANGEL LEAF RD	SPRING	TX	77380-2754
1216420030003	KASHYAP ROHIT K	3510 W BENDERS LANDING BLVD	SPRING	TX	77386-1766
0371230000001	KBRN LP	800 TOWN & COUNTRY BLVD STE 200	HOUSTON	TX	77024-4556
1205880080001	KEEGAN KATHLEEN A	1120 TEXAS ST 8A	HOUSTON	TX	77002-3136
1207900000028	KEMPER DAVID W	915 FRANKLIN ST UNIT 3N	HOUSTON	TX	77002-1737
0351300000004	KENNISTON DRIVE LLC	808 W DALLAS ST STE C	CONROE	TX	77301-2259
0010530000008	KEYSER DEBORAH K	515 CAROLINE ST	HOUSTON	TX	77002-3506
1356980010003	KHAN AMENA F	2919 BAER ST	HOUSTON	TX	77020-5905
1368600010001	KHATRI NONDLAL	622 WINSTON LN	SUGAR LAND	TX	77479-5832
0562330000018	KINNEY HERBERT J & STELLA	4219 COKE ST	HOUSTON	TX	77020-6321
1207900000227	KINOSHITA KOKI	915 FRANKLIN ST UNIT 9D	HOUSTON	TX	77002-1733
1207900000107	KM FRANKLIN STREET LP	7500 SAN FELIPE ST STE 750	HOUSTON	TX	77063-1789
1245270010001	KOCH STEPHEN P & AIMEE K	235 SUNNYVALE E	MONTGOMERY	TX	77356-8353
1285510020030	KOHLER JORDAN	63 RIO VIALE CT	SACRAMENTO	CA	95831-
1228970000002	KOLBUSZ ROBERT V	16214 PINON VISTA DR	HOUSTON	TX	77095-7196
1207900000030	KOONTZ DANIELA & REX A	915 FRANKLIN ST UNIT 4B	HOUSTON	TX	77002-1736
1263940020002	KOZEL BRIAN J	2424 NAVIGATION BLVD UNIT B	HOUSTON	TX	77003-1572
1358450010004	KUAN SHERMAN	722 CLARK ST	HOUSTON	TX	77020-5918
1285510020058	KURCZYN GABRIEL	2328 COMMERCE ST	HOUSTON	TX	77003-1537
1285510020003	KURESHI ALI SUFYAN	107 ADAM LN	HOUSTON	TX	77003-5327
1285510030009	KURIAN SEAN	113 RILEY LN	HOUSTON	TX	77003-1542
0010740000008	LANDRYS MGMT LP	1510 WEST LOOP S	HOUSTON	TX	77027-9505
0300930000001	LANGLEY PAUL D	PO BOX 14517	SAN FRANCISCO	CA	94114-0517
0730430050010	LARA ARTURO A	828 TULANE ST	HOUSTON	TX	77007-1534
1228970000052	LASSEIGNE KEITH M	201 MAIN ST UNIT 7J	HOUSTON	TX	77002-1750
1207900000062	LAWRENCE WINDY	2523 WELCH ST	HOUSTON	TX	77006-
1285510020009	LAWRENCE ZACK	2321 SPERBER LN	HOUSTON	TX	77003-1554
0010480000008	LAZ LA III TEXAS 1 LP C/O LAZ PARKING REALTY INVESTORS LLC	COPLEY PLACE STE 4400A	BOSTON	MA	02116-

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hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
1207900000009	LAZARUS DAVID D	915 FRANKLIN ST UNIT 2J	HOUSTON	TX	77002-1738
1237490020006	LBPM RENTALS LLC	4005 BLOSSOM ST	HOUSTON	TX	77007-5758
1358450010002	LE ASHLEY	726 CLARK	HOUSTON	TX	77020-5918
1237490010023	LE AUDREY & THOMAS	2216 ANN ST	HOUSTON	TX	77003-1147
1237490010018	LE MINDY	2530 KINGSTON ST	HOUSTON	TX	77019-6606
0371110000018	LE TOT KIM	PO BOX 16707	GALVESTON	TX	77552-6707
0371390000042	LEAL JOSE L	12 N EVERTON ST	HOUSTON	TX	77003-1802
0371390000039	LEAL JOSE LUIS	6809 SHARPCREST ST	HOUSTON	TX	77074-6215
1205880060002	LEE WEN-CHI	2829 MEADOWBROOK DR	PLANO	TX	75075-6430
1207900000034	LEGASPI RINALDO	2215 ARABELLE ST	HOUSTON	TX	77007-1816
1285510020013	LENHART SCOTT	2407 ROUFA RD	HOUSTON	TX	77003-1544
1361480010012	LEON GILBERTO JOSE	617 BAYOU ST	HOUSTON	TX	77020-6015
1285510010006	LILIENTHAL KATELYN S	16510 RUBY MEADOW DR	HOUSTON	TX	77095-4986
1285510020021	LILLY DEPAULLA J	2423 ROUFA RD	HOUSTON	TX	77003-1544
0351250000006	LIMAS MAURILIO	714 BAYOU ST	HOUSTON	TX	77020-6018
0351250000005	LIMAS MAURILIO & YOLANDA	714 BAYOU ST	HOUSTON	TX	77020-6018
1237490010024	LIRA ROY	2214 ANN ST	HOUSTON	TX	77003-1147
0010150000001	LM & ASSOCIATES LLC	917 FRANKLIN ST	HOUSTON	TX	77002-1728
1285510020015	LOBIN AMANDA	2411 ROUFA RD	HOUSTON	TX	77003-1544
0010470000006	LONDALE INC	9627 WINSOME LN	HOUSTON	TX	77063-3725
1358450010026	LOPEZ ANTHONY J	11723 LAKEWOOD CROSSING DR	TOMBALL	TX	77377-8592
1245270020010	LOPEZ CYNTHIA M	2339 ANN ST	HOUSTON	TX	77003-1001
1399310010011	LOPEZ JENNY LISETTE	623 PRESS ST	HOUSTON	TX	77020-8639
1399310010028	LOPEZ MELISSA A	657 PRESS ST	HOUSTON	TX	77020-8639
1207900000049	LOPEZ RAFAEL C	2101 BRICKELL AVE APT 1910	MIAMI	FL	33129-2117
1285510030015	LOTT TAMMI R	207 RILEY LN	HOUSTON	TX	77003-1543
1311240010008	LOVELACE KIRK D	2930 BAER ST	HOUSTON	TX	77020-5906
1285510040014	LOW ROBERT C	2337 SPERBER LN	HOUSTON	TX	77003-1554
0291100000023	LOWERY HENRY JR	4430 GUNTER ST	HOUSTON	TX	77020-7129
0120090000013	LOZA JOSE J & MARIA G	1127 WOOLWORTH ST	HOUSTON	TX	77020-7315
1285510050013	LUC MICHAEL	2326 SPERBER LN	HOUSTON	TX	77003-1553
0071310000001	LUCKY UNITS INC	211 NINA LN	STAFFORD	TX	77477-4631
1216410000004	LUEDEMANN WILLIAM A & JEAN A	2650 PECAN MILL LN	BRENHAM	TX	77833-2037
0010020000024	LUISA MILBY FEAGIN 2007 TRUST C/O WILLIAM R BRUYERE TRUSTEE	5303 PIPING ROCK LN	HOUSTON	TX	77056-4913
0120100000035	LUNA ELIZABETH M	6415 SLOAN ST	HOUSTON	TX	77087-2147
1237490010036	LUU RYAN	2211 ANN ST	HOUSTON	TX	77003-1146
1301120010012	MAAS CARRIE & DEBORAH	3226 BAER ST	HOUSTON	TX	77020-6004
1207900000036	MABRY CLIFFORD A & ANNE R	915 FRANKLIN ST UNIT 41	HOUSTON	TX	77002-1725
1207900000055	MACRIS INTERESTS LLC	19 FIREFALL CT	SPRING	TX	77380-2646

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0010460000012	MAFRIGE BUILDING COMPANY	9219 KATY FRW STE 211	HOUSTON	TX	77024-
1207900000078	MAGNER TIMOTHY N & JANET K	6001 BOLLINGER CANYON RD	SAN RAMON	CA	94583-2324
0011830000006	MAGNIFICAT HOUSE INC	PO BOX 25415	HOUSTON	TX	77265-5415
1207900000084	MAIER BRANDON M	915 FRANKLIN ST UNIT 8E	HOUSTON	TX	77002-1735
0010450000001	MAIN STREET PARKING LTD	1500 MARINA BAY DR	KEMAH	TX	77565-2263
1285510020037	MALDONADO ERIC L ALEMAN	2370 COMMERCE ST	HOUSTON	TX	77003-1537
1207900000101	MALEN JENNIFER	915 FRANKLIN ST UNIT 9I	HOUSTON	TX	77002-1733
1216420020003	MALERBO FRANCIS J	505 BASTROP ST UNIT 203	HOUSTON	TX	77003-2216
1246600010016	MALONEY JAMES E C/O JAMES EDWARD MALONEY PLLC	2429 SOUTHGATE BLVD	HOUSTON	TX	77030-1825
0090060000004	MARBELLA HOMES LLC	425 SUMER PARK DR	STAFFORD	TX	77477
0301000000006	MARBIL TRUST PARTNERSHIP	3238 N PEMBERTON CIRCLE DR	HOUSTON	TX	77025-4326
1285510020004	MARION DONALD P	109 ADAMS ST	HOUSTON	TX	77011-3203
0610490200006	MARKMAN MARTINEZ INVEST INC	1925 SOUTHWEST FWY	HOUSTON	TX	77098-4800
0730430030020	MARQUEZ GUILLERMO	9223 BRAHMS LN	HOUSTON	TX	77040-2466
0730430040005	MARQUEZ GUILLERMO	6828 GAINESVILLE ST	HOUSTON	TX	77020-3216
0371400000005	MARQUEZ MARGARITA	35 N SAINT CHARLES ST	HOUSTON	TX	77003-1560
1399310010008	MARRON DAVID A	617 PRESS ST	HOUSTON	TX	77020-8639
1207900000032	MARSHALL HINES M JR	1086 AILLET RD	BROUSSARD	LA	70518-8017
0291090000009	MARTIN CHARLES	1311 ANSBURY DR	HOUSTON	TX	77018-7303
1237490010009	MARTINDALE KEVIN	2234 ANN ST	HOUSTON	TX	77003-1147
0120100000037	MARTINEZ ELIAS Z	1122 WOOLWORTH ST	HOUSTON	TX	77020-7316
0120100000013	MARTINEZ LUIS & CONSUELO	1127 HAHLO ST	HOUSTON	TX	77020-7303
1285510050022	MARTINO BRETT & VANESSA	2344 SPERBER LN	HOUSTON	TX	77003-1553
1216410000008	MASSINGILL BRIAN T	915 N SAN JACINTO ST UNIT 2B	HOUSTON	TX	77002-1239
0730430050018	MATA ALBERT C	1126 ROUSE ST	HOUSTON	TX	77020-7447
0730430040008	MATA MARK A	1131 ROUSE ST	HOUSTON	TX	77020-7446
1263940020006	MATEO CAROL ANN	2424 NAVIGATION BLVD UNIT F	HOUSTON	TX	77003-1572
1285510050010	MATHEWS CHRIS	2320 SPERBER LN	HOUSTON	TX	77003-1553
1228970000034	MAY JOHN R	201 MAIN ST UNIT 6AB	HOUSTON	TX	77002-1749
1285510050028	MAYHEW LARRY J & LEE	2356 SPERBER LN	HOUSTON	TX	77003-1553
0562330000010	MAYS TEMPEST & ADDIE M	4218 GUNTER ST	HOUSTON	TX	77020-6324
1245420010001	MCCALL STREET PARTNERS LP AVI RON	1520 OLIVER ST	HOUSTON	TX	77007-6035
1207900000048	MCCALLUM JAMES D	915 FRANKLIN ST UNIT 5G	HOUSTON	TX	77002-1734
1207900000065	MCCONNELL ASHLEE	915 FRANKLIN ST UNIT 6J	HOUSTON	TX	77002-1730
1207900000038	MCCOWN JOHN P & HEATHER D	313 BLACK WALNUT DR	GARLAND	TX	75044-2615
1285510030011	MCCULLEY COREY	117 RILEY LN	HOUSTON	TX	77003-1542
1228970000012	MCDANNALD INVESTMENTS INC	PO BOX 56007	HOUSTON	TX	77256-6007
1216420050004	MCDONALD PAUL V	505 BASTROP ST APT 504	HOUSTON	TX	77003-2237
1399310010017	MCHENRY CHANTEL L	635 PRESS ST	HOUSTON	TX	77020-8639

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1411250010001	MCKEE CITY LIVING LP	1626 ORETHA CASTLE HALEY BLVD STE A	NEW ORLEANS	LA	70113-1311
1285510020008	MCKENZIE SCOTT	117 N ADAMS ST	HOUSTON	TX	77011-2201
1207900000063	MCLAUGHLIN THOMAS D	915 FRANKLIN ST UNIT 6H	HOUSTON	TX	77002-1730
0010290000008	MCLEHANY TROY	15702 SEASIDE LN	HOUSTON	TX	77062-4231
1358450010003	MENDEZ JENNA LEE	724 CLARK ST	HOUSTON	TX	77020-
1237490010026	MENDEZ ROXANNE	2210 ANN ST	HOUSTON	TX	77003-1147
1263940010007	MENDOZA URIEL	2422 NAVIGATION BLVD UNIT G	HOUSTON	TX	77003-1569
1285510020001	MERJIL KARINA	103 ADAM LN	HOUSTON	TX	77003-5327
0011570000017	METRO TRANSIT AUTHORITY	PO BOX 61429	HOUSTON	TX	77208-1429
0031280000001	METRO TRANSIT AUTHORITY	PO BOX 61429	HOUSTON	TX	77208-1429
1237490010017	MEYERS MATTHEW R	2215 RUNNELS ST	HOUSTON	TX	77003-1019
0351250000003	MICHAEL A & JOANN ORLANDO FAMILY LP	17626 BAMWOOD DR	HOUSTON	TX	77090-2156
0010020000003	MILBY CHARLES FAMILY PTNSH	2612 TODVILLE RD	SEABROOK	TX	77586-3008
1358450010008	MILES JOSHUA	729 SCHWARTZ ST	HOUSTON	TX	77020-5957
1205880040003	MILLER GARY D & CRISTA	1120 TEXAS ST APT 4C	HOUSTON	TX	77002-3135
1207900000077	MILLER PHILIP	915 FRANKLIN ST UNIT 7K	HOUSTON	TX	77002-1730
0090070000008	MILLER-PEREZ ZACKERY A	3409 BAER ST	HOUSTON	TX	77020-6103
0730430050008	MIRANDA ANITA	1131 HENKE ST	HOUSTON	TX	77020-7414
0090070000013	MIRANDA FLORA CUARDOS	3825 1/2 WAYNE ST	HOUSTON	TX	77026-4853
0012040000009	MISSETZIS GEORGE % STATESIDE ALLOYS INC	2210 CONGRESS ST	HOUSTON	TX	77003-2206
0010080000014	MISSOURI PACIFIC RAILROAD COMPANY UNION PACIFIC RAILROAD CO	1400 DOUGLAS ST STOP 1640	OMAHA	NE	68179-1001
1285510020034	MOLERO DIEGO	1607 17TH ST W UNIT 110	BILLINGS	MT	59102-2944
1237490010008	MONTEBELLO NICHOLAS ERIC	2236 ANN ST	HOUSTON	TX	77003-1147
0291090000013	MOORE G V JR	4408 COKE ST	HOUSTON	TX	77020-7110
1311240010001	MORA ISAAH S	605 MEADOW ST	HOUSTON	TX	77020-5941
0351330000014	MOREAUX SARAH ESTATE OF	3308 BAER ST	HOUSTON	TX	77020-6102
1237490010031	MOREIRA OSWALDO M	2201 ANN ST	HOUSTON	TX	77003-1146
1285510040010	MORELLI GENO D	2345 SPERBER LN	HOUSTON	TX	77003
1237490010027	MORENO CASSANDRA	850 LAKE CAROLYN PKWY APT 1149	IRVING	TX	75039-4392
1358450010018	MORENO ERIC & RACINE	720 CLARK	HOUSTON	TX	77020-5918
1285510020045	MORGAN ALEXANDER D	2354 COMMERCE ST	HOUSTON	TX	77003-1537
0730430050017	MORIN CRISPIN JR	1130 ROUSE ST	HOUSTON	TX	77020-7447
1205880060003	MORSE ROBERT	14123 SHERBURNN MANOR	CYPRESS	TX	77429-
1237490010032	MORTON ROBERT C	12060 S 79TH ST	PAPILLION	NE	68046-5608
1216420030009	MOSS ALPHEUS E	505 BASTROP ST APT 309	HOUSTON	TX	77003-2234
1216420040009	MOUSOUDAKIS JAMES P	1216 SILBER RD	HOUSTON	TX	77055-7128
1407360010001	MP NAVIGATION LLC	135 WATER ST 4TH FL	NAPERVILLE	IL	60540-5493
0012040000013	MSC FAMILY PROPERTIES LP	8814 MANHATTAN DR	HOUSTON	TX	77096-2550
1222480010001	MT CORINTH BAPTIST CHURCH	5315 MARGARITA ST UNIT 1	HOUSTON	TX	77020-8724

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hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
0010330000013	MT MERCANTILE LLC	2120 SUL ROSS ST	HOUSTON	TX	77098-2418
1207900000109	MULTIBOT PROPERTIES LLC	913 FRANKLIN ST	HOUSTON	TX	77002-1713
1265110010004	MULUGETA MILLIARD	2921 GILLESPIE ST	HOUSTON	TX	77020-5929
0011630000001	MUNICIPAL CORRECTIONS FINANCE LP C/O DUCHARME, MCMILLEN & ASSOC	PO BOX 80617	INDIANAPOLIS	IN	46280-0617
0511780070008	MUNIZ ARTEMIO	10202 JENSEN DR	HOUSTON	TX	77093-5611
0291100000020	MUNOZ HECTOR & TEOFILA	4410 GUNTER ST	HOUSTON	TX	77020-7129
1311240010005	MURFF JASON	2922 BAER ST	HOUSTON	TX	77020-5906
1285510050006	MURLI VINAY	2312 SPERBER LN	HOUSTON	TX	77003-1553
1301120010008	MURO RYAN	1114 FAIROAKS RD	HOUSTON	TX	77023-3306
1285510030008	MUSARRA JOSEPH & SARAH	111 RILEY LN	HOUSTON	TX	77003-1542
0730430030018	MUSTERMAN CHRISTINE	1126 ZOE ST	HOUSTON	TX	77020-7405
0010450000005	MVL ESTATES FOUR LLC	2117 CHENEVERT ST STE 1	HOUSTON	TX	77003-5848
0010460000018	MVP HOUSTON PRESTON LOT LLC	9130 W POST RD STE 525	LOVELOCK	NV	89419-
0010700000013	MVP HOUSTON SAKS GARAGE LLC	9130 W POST RD STE 200	LAS VEGAS	NV	89148-2418
0010470000009	MVP HOUSTON SAN JACINTO LOT LLC	9130 W POST RD STE 200	LAS VEGAS	NV	89148-2418
0010290000001	MVP PREFERRED PARKING LLC	9130 W POST RD STE 200	LAS VEGAS	NV	89148-2418
1399310010002	MYERS SCOTT R	605 PRESS ST	HOUSTON	TX	77020-8639
1216420020006	MYPAD LLC	505 BASTROP ST APT 206	HOUSTON	TX	77003-2217
1216420020007	MYPAD LLC	521 LAUREL ST	BATON ROUGE	LA	70801-1813
1207900000080	NALL THOMAS C	915 FRANKLIN ST UNIT 7N	HOUSTON	TX	77002-1730
0610490200016	NAPPER MARY L	4727 COKE ST	HOUSTON	TX	77020-7115
1207900000097	NAQVI FATIMA H	915 FRANKLIN ST UNIT 9F	HOUSTON	TX	77002-1733
0610490200005	NAVA ROBERTO BRAVO	12707 AUTUMN MILL DR	HOUSTON	TX	77070-5059
1228970000015	NAVARRE PETER G & JENNIFER V	201 MAIN ST UNIT 4D	HOUSTON	TX	77002-1747
0371220000006	NAVIGATION OWNERS LP	3657 BRIARPARK DR STE 300	HOUSTON	TX	77042-5266
1245270020004	NELSON ANDREW & LINDSAY P	8019 MEADOWGLEN LN	HOUSTON	TX	77063-4731
1207900000021	NEWTON CHRISTOPHER A	1704 BEVIS ST	HOUSTON	TX	77008-3466
1245270020003	NGO CHAU TRUST	464 N CLEVELAND ST	OCEANSIDE	CA	92054-2523
1285510040006	NGUYEN CHRISTINE	206 RILEY LN	HOUSTON	TX	77003-1555
1285510050027	NGUYEN TUNG N	2354 SPERBER LN	HOUSTON	TX	77003-1553
0351330000004	NGUYEN VINH	12910 BRISTOL BERRY DR	CYPRESS	TX	77429-3811
1245270010004	NGUYEN VINH T	2307 ANN ST	HOUSTON	TX	77003-1001
1207900000018	NICHOLAS KATHLEEN	915 FRANKLIN ST APT C	HOUSTON	TX	77002-1725
1399310010024	NICHOLAS RINO A	649 PRESS ST	HOUSTON	TX	77020-8639
1216420050003	NICHOLS JERRY S	505 BASTROP ST APT 503	HOUSTON	TX	77003-2237
1207900000096	NOWLING RUTH E	915 FRANKLIN ST UNIT 9C	HOUSTON	TX	77002-1733
0010270000006	ODOM DOWNTOWN HOUSTON DEVELOPEMENT LLC	1315 SURREY ST	LAFAYETTE	LA	70501-7617
1263940020003	OEHL SUSAN E	2424 NAVIGATION BLVD UNIT C	HOUSTON	TX	77003-1572
1205880080002	OLIVARES GRISELDA	5205 CORAL CREEK DR	HOUSTON	TX	77017-

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1358450010030	OPPIDAN HOMES XI LTD	6502 ALDER DR	HOUSTON	TX	77081-4402
0730430030019	ORTIZ ALMA L	1122 ZOE ST	HOUSTON	TX	77020-7405
1358450010001	ORY SHANE	147 N ENNIS ST	HOUSTON	TX	77003-1642
1285510020053	OSEIKUFFOUR JONATHAN	2307 AMOS ST	HOUSTON	TX	77021-
1205880090004	OSTERMANN MARTIN	1120 TEXAS ST APT 9D	HOUSTON	TX	77002-3136
0730430030008	OTERO CARMELO & PATRICIA P	1131 GAZIN ST	HOUSTON	TX	77020-7406
1207900000003	OTERO GLORIA A	915 FRANKLIN ST UNIT 2C	HOUSTON	TX	77002-1754
1216410000009	OUELLETTE BARRY J	715 WILLARD ST	HOUSTON	TX	77006-1348
1237490010021	PADILLA ALEJANDRO JR	2341 ANN ST	HOUSTON	TX	77003-1001
0371400000011	PADILLA FAMILY TRUST	5210 PAISLEY ST	HOUSTON	TX	77096-4126
0371250000034	PADUA EADO LLC	3826 WESTERMAN ST	HOUSTON	TX	77005-1138
1237490020005	PAEZ MARIA G	9718 KIRKSTONE TERRACE DR	SPRING	TX	77379-5335
1228970000013	PAGAN J OZZIE	201 MAIN ST UNIT 4B	HOUSTON	TX	77002-1747
1285510040015	PALIVELA THOTA & LAKSHMI V	2335 SPERBER LN	HOUSTON	TX	77003-1554
0090060000012	PALM MACIE M	4929 DEERWOOD CIR	BAYTOWN	TX	77521-1962
1207900000081	PARKER JOHN	103 CALLE CATALINA PL	HOUSTON	TX	77007-1151
1228970000054	PARMER JAMES W	6620 BROAD OAKS DR	RICHMOND	TX	77406-7631
1207900000025	PARRENO VAL P	915 FRANKLIN ST UNIT 3K	HOUSTON	TX	77002-1737
1207900000075	PARTNEY MICHAEL K	915 FRANKLIN ST UNIT 7G	HOUSTON	TX	77002-1730
1285510020046	PATEL BINDIYA	2352 COMMERCE ST	HOUSTON	TX	77003-1537
1307900010004	PATEL SAJAN J	2905 BAER ST UNIT 4	HOUSTON	TX	77020-5905
1361480010005	PATTISON MONTA	5619 KIAM ST	HOUSTON	TX	77007-1118
1285510040005	PATTON KEVIN & MARGARET C	2424 ROUFA RD	HOUSTON	TX	77003-1546
0010490000006	PAUL BATMANIS PRAIRIE LLC	2001 BANKS ST	HOUSTON	TX	77098-5301
0291090000006	PEAVY J W	4120 CURTIS ST	HOUSTON	TX	77020-4117
0610490220014	PEDRAZA FRANCISCO	4719 EDMUND ST	HOUSTON	TX	77020-7711
1285510020040	PEDRO IBRAHEEM	2364 COMMERCE ST	HOUSTON	TX	77003-1537
1228970000049	PEIRO NATALIE	201 MAIN ST UNIT 76	HOUSTON	TX	77002-1746
1228970000009	PENA OSTER J	201 MAIN ST UNIT 3I	HOUSTON	TX	77002-1747
0291100000008	PENA RIGOBERTO & LOURDES	4507 COKE ST	HOUSTON	TX	77020-7111
1370330010001	PEOPLES TRUST FEDERAL CREDIT UNION	PO BOX 4511	HOUSTON	TX	77210-4511
1237490010014	PEREZ ADRIANA MARCELA	2227 RUNNELS ST	HOUSTON	TX	77003-1019
0730430040011	PEREZ BELINDA G	1143 ROUSE ST	HOUSTON	TX	77020-7446
0562330000016	PEREZ BRUNO	4205 COKE ST	HOUSTON	TX	77020-6321
0730430050011	PEREZ ESTEBAN & MARIA D	1143 HENKE ST	HOUSTON	TX	77020-7414
0730430040010	PEREZ FELIPE & MARINA I	1139 ROUSE ST	HOUSTON	TX	77020-7446
0120110000037	PEREZ GONZALO & JO ANN	1111 GAZIN ST	HOUSTON	TX	77020-7406
0120110000019	PEREZ ISIDRO JR	11802 KEWALO BASIN LN	HOUSTON	TX	77034-3665
0730430040020	PEREZ JOSE LUIS	1118 GAZIN ST	HOUSTON	TX	77020-7407

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hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
0011050000006	PERRAULT VALERIE A	1601 CONGRESS ST	HOUSTON	TX	77002-2207
1379920010003	PERRY ROBERT	763 GROVE ST	HOUSTON	TX	77020-6033
1205880070002	PETERS CHERYL	1120 TEXAS ST APT 7B	HOUSTON	TX	77002-3135
1216420040006	PFJ INVESTMENTS LLC	505 BASTROP ST UNIT 307	HOUSTON	TX	77003-2234
1380410010003	PHILIP TOBIN	2903 GILLESPIE ST	HOUSTON	TX	77020-5972
1285510030005	PIERCE PEGGY L	PO BOX 130450	HOUSTON	TX	77219-0450
0422210000085	PINTO EAST END LLC	3737 BUFFALO SPEEDWAY STE 1100	HOUSTON	TX	77098-3740
0010330000001	PIRTLE JAMES R	1005 ARCHER ST	HOUSTON	TX	77009-3824
1228970000061	PLATT TREY A	201 MAIN ST UNIT 8J	HOUSTON	TX	77002-1750
1285510050008	POINDEXTER NICHELLE A	2316 SPERBER LN	HOUSTON	TX	77003-1553
0730430030015	PONCE LUCIA	1138 ZOE ST	HOUSTON	TX	77020-7405
1228970000060	PORTER OLGA N	201 MAIN ST UNIT 8I	HOUSTON	TX	77002-1750
0610490200001	PRICE I D	1324 MISTY GLEN LN	DALLAS	TX	75232-1532
0610490220006	PRICE MARGARET	4724 COKE ST	HOUSTON	TX	77020-7116
1285510020044	PRIHODA BRYAN	2356 COMMERCE ST	HOUSTON	TX	77003-1537
0291090000010	PROLER L MICHAEL	4401 CLINTON DR	HOUSTON	TX	77020-7807
0610490190002	PROLER MICHAEL L	4401 CLINTON DR	HOUSTON	TX	77020-7807
0730430050014	PUGH JENNIFER	1051 STONECREST DR	HOUSTON	TX	77018-7523
0371400000006	PULLEN G J JR	2323 BERING DR APT 2	HOUSTON	TX	77057-4716
1285510020038	QUACH KEN & THU LE	2368 COMMERCE ST	HOUSTON	TX	77003-
1361480010003	RAATH PAUL & KIM	3116 BAER ST	HOUSTON	TX	77020-6002
1237490010034	RADTKE ROGER	2207 ANN ST	HOUSTON	TX	77003-1146
0120110000021	RAH WAREHOUSE LTD	4808 GIBSON ST FL 3	HOUSTON	TX	77007-5480
0120110000017	RAMIREZ CYNTHIA G	1135 HOFFMAN ST	HOUSTON	TX	77020-7305
1285510050001	RAMIREZ MANUEL E	2306 SPERBER LN	HOUSTON	TX	77003-1553
1399310010026	RAMIREZ NELCY	653 PRESS ST	HOUSTON	TX	77020-8639
1237490010013	RANDALL COLE S	2231 RUNNELS ST	HOUSTON	TX	77003-1019
1285510020042	RAPE JACOB	2360 COMMERCE ST	HOUSTON	TX	77003-1537
1311240010007	RASTE SAGAR	17402 HANKAR WAY	RICHMOND	TX	77407-2861
1285510050011	RAZEGHI MICHAEL M	1906 CHAPARRAL DR	HOUSTON	TX	77043-2401
1411020010001	RDZ LAND DEVELOPMENT& CONSTRUCTION LLC	1710 RUELLEN LN	HOUSTON	TX	77038-1722
1207900000035	REDMOND BRIAN & ANDREA % REDMOND 1997 TRUST	9709 OLD CLUB TRCE	HENRICO	VA	23238-5733
1368600010002	REFUGE HOLDINGS LLC KA SERIES	4730 BELL ST	HOUSTON	TX	77023-1204
1368600010005	REFUGE HOLDINGS LLC KA SERIES	PO BOX 980215	HOUSTON	TX	77098-0215
1399370010001	REGALIA AT THE PARK DEVELOPMENT	21500 BISCAYNE BLVD STE 402	MIAMI	FL	33180-1256
1207900000043	REIMOLD AUSTIN	915 FRANKLIN ST UNIT 5B	HOUSTON	TX	77002-1734
1207900000017	RENFRO KATHLEEN C	241 OLD STAGE RD	BATH	ME	04530-7401
0010460000009	REPUBLIC BONDING LTD	400 SAN JACINTO ST	HOUSTON	TX	77002-2016
0120110000011	REYES CIRO S	1123 HOFFMAN ST	HOUSTON	TX	77020-7305

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hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
1368730010002	REYNA JORGE A	3309 BAER ST	HOUSTON	TX	77020
1246600010018	REYNOLDS DAVID A & IBIS C	1211 STERRETT ST	HOUSTON	TX	77002-1140
1285510020043	RHEES JOHN C	2358 COMMERCE ST	HOUSTON	TX	77003-1537
0610490220002	RICE ALTON & ANNE PERRIN	4706 COKE ST	HOUSTON	TX	77020-7116
0010460000008	RICH L M ESTATE % ANN M LEVY ADM	11622 GREEN OAKS ST	HOUSTON	TX	77024-6404
1207900000082	RICH WESLEY A	915 FRANKLIN ST UNIT 8B	HOUSTON	TX	77002-1735
1216420040010	RICHARD ALAN WARWICK LIVING TRUST	505 BASTROP ST APT 410	HOUSTON	TX	77003-2236
0300960000010	RICHARD DINGMAN TRUST	PO BOX 14517	SAN FRANCISCO	CA	94114-0517
1358450010009	RICKERSON TOREY	711 SCHWARTZ ST	HOUSTON	TX	77020-5957
1216410000005	RILEY JACQUELINE S	915 N SAN JACINTO ST UNIT 1F	HOUSTON	TX	77002-1239
1263940020001	RINCONES CARLOS A	2424 NAVIGATION BLVD UNIT A	HOUSTON	TX	77003-1572
1205880090002	RITTINGER VICTORIA A	1120 TEXAS ST APT 9B	HOUSTON	TX	77002-3136
1392700010019	ROBERSON JEFFREY LYNN JR	7 N SAINT CHARLES ST UNIT H	HOUSTON	TX	77003-1584
0730430040017	RODRIGUEZ ELIDA	1130 GAZIN ST	HOUSTON	TX	77020-7407
0371400000012	RODRIGUEZ JANIE	PO BOX 4205	HOUSTON	TX	77210-4205
1217310010011	RODRIGUEZ JUAN & GLADYS	518 FINNIGAN PARK PLACE CT	HOUSTON	TX	77020-7742
0120110000033	RODRIGUEZ MARCUS	1130 HAHLO ST	HOUSTON	TX	77020-7304
0562330000007	RODRIGUEZ MARIA G	6519 EAGLE PASS ST	HOUSTON	TX	77020-5010
0730430040016	RODRIGUEZ REGINA R	1134 GAZIN ST	HOUSTON	TX	77020-7407
0142630000009	RODRIQUEZ DOMINGA	908 MALTBY ST	HOUSTON	TX	77011-2618
0562330000024	RODRIQUEZ JERRY	5536 BARREMORE ST	HOUSTON	TX	77023-3701
1207900000069	ROGERS MICHAEL HADDON & LEIGH GORIS	613 W 16TH ST	HOUSTON	TX	77008-3603
1205880040001	ROHDE TYSON K	110 CHARLEMAGNE CT	CARY	NC	27511-6470
1311240010002	ROMICK DAVID C	603 MEADOW ST	HOUSTON	TX	77020-5941
1216420040004	ROOT KATHRYN J & KENNETH W	1711 MORTON LEAGUE RD	RICHMOND	TX	77406-1382
0422160000080	ROPSHAW ERICH	2901 GILLESPIE ST UNIT B	HOUSTON	TX	77020-5929
0351270000007	ROSS CORNEALIA EST OF	3009 BAER ST	HOUSTON	TX	77020-5907
1207900000053	ROSS LISA R	915 FRANKLIN ST UNIT 5L	HOUSTON	TX	77002-1734
0010560000001	ROYAL INVESTORS BINZ LLC ET AL	640 S HILL ST STE 354	LOS ANGELES	CA	90014-4031
1285510040008	RUIZ IVAN	2349 SPERBER LN	HOUSTON	TX	77003-1554
1399310010016	RUSSELL JACOB	633 PRESS ST	HOUSTON	TX	77020-8639
1216410000014	RYLE ANDREW	110 E DELAWARE PL APT 1003	CHICAGO	IL	60611-4995
0730430040018	SAAVEDRA MARIA C	1126 GAZIN ST	HOUSTON	TX	77020-7407
1383450010001	SAGE DURHAM LTD	1520 OLIVER ST STE 202	HOUSTON	TX	77007-6035
0351260000012	SAHRIAR GOLAM	721 BAYOU ST	HOUSTON	TX	77020-6017
0730430040009	SALADINER RUTH ANN	1135 ROUSE ST	HOUSTON	TX	77020-7446
1245270020006	SALAS ENRIQUE S	2331 ANN ST	HOUSTON	TX	77003-1001
0291090000001	SALAS MAXSIMINO P	4321 COKE AVE	HOUSTON	TX	77020-6359
0120100000017	SALINAS PAUL	1135 HAHLO ST	HOUSTON	TX	77020-7303

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037127000006	SALMERON GERALDINE	4101 ROSENEATH DR	HOUSTON	TX	77021-1547
1207900000085	SAMPERI KATHY JOHN	1500 HIDDEN COVE RD	POINTBLANK	TX	77364-7288
0031290000014	SAN JACINTO LOFTS COUNCIL OF CO OWNERS % FELD REALTY GROUP	10200 HEMPSTEAD RD STE 2C	HOUSTON	TX	77092-8400
0291100000009	SANCHEZ FRANCISCA T & ROMULO	4509 COKE ST	HOUSTON	TX	77020-7111
0120100000015	SANCHEZ IGNACIO J & LENA D EST OF C/O JUDITH L GOMEZ	1131 HAHLO ST	HOUSTON	TX	77020-7303
1216420030002	SANCHEZ LARRY A	505 BASTROP ST APT 302	HOUSTON	TX	77003-2233
0120110000015	SANDOVAL JOE III & LESLIE	1131 HOFFMAN ST	HOUSTON	TX	77020-7305
0120120000035	SANDOVAL LESLIE PATRICE & JOE III	1131 HOFFMAN ST	HOUSTON	TX	77020-7305
1285510050020	SANJUAN ELIZABETH	2340 SPERBER LN	HOUSTON	TX	77003-1553
1205880030004	SANKHAGOWIT ROBERT K	1120 TEXAS ST APT 3D	HOUSTON	TX	77002-3135
0562330000030	SANTOS MANUEL ZERPEÑO & ROSALIND	4217 COKE ST	HOUSTON	TX	77020-6321
1285510020014	SATAR KANISHKA	2409 ROUFA RD	HOUSTON	TX	77003-1544
1228970000044	SAUNDERS PAUL J	201 MAIN ST UNIT 7AB	HOUSTON	TX	77002-1749
0730430040007	SAUSEDA FRANCISCA	1127 ROUSE ST	HOUSTON	TX	77020-7446
0291090000002	SAVERS INVESTMENTS INC	1925 SOUTHWEST FWY	HOUSTON	TX	77098-4800
1216420050007	SAVORGNAN FABIO	505 BASTROP ST UNIT 507	HOUSTON	TX	77003-2238
1285510030004	SCHERZER SARAH	103 RILEY LN	HOUSTON	TX	77003-1542
1285510020059	SCHMIDT REBECCA LYNN	2326 COMMERCE ST	HOUSTON	TX	77003-1537
1207900000093	SCHUBERT JESSICA A	915 FRANKLIN ST UNIT 8N	HOUSTON	TX	77002-1735
1361140010006	SCORPIO TX LLC	9502 THREE STONE LN	TOMBALL	TX	77375-3395
1228970000003	SCOTT GREGORY H	201 MAIN ST UNIT 3C	HOUSTON	TX	77002-1747
1369780010001	SEARCH HOMELESS SERVICES	2015 CONGRESS AVE	HOUSTON	TX	77002-2323
0090070000012	SELECTIVE GENERAL HOLDINGS GROUP LLC	12620 FM 1960 RD W STE A4 PMB 272	HOUSTON	TX	77065-5365
0610490200007	SENEGAL MARIE D	8331 FURLONG LN	HOUSTON	TX	77071-3626
1207900000051	SERAFIN MARK	915 FRANKLIN ST UNIT 5J	HOUSTON	TX	77002-1734
1285510020052	SERRA DAVID M	2340 COMMERCE ST	HOUSTON	TX	77003-1537
1285510020035	SHAH NISHI M	1415 N ARTESIAN AVE # 3	CHICAGO	IL	60622-1704
1361140010004	SHAH NIVISHA	607 SYDNOR ST	HOUSTON	TX	77020-6048
1381870010002	SHAHROODI BABAK ESMALI	704 GREGG ST	HOUSTON	TX	77020-
1228970000014	SHAPIRO MICHAEL I	7722 BURNING HILLS DR	HOUSTON	TX	77071-1415
1207900000020	SHARR BROWN 2 LLC	16603 S OAKS DR	HOUSTON	TX	77068-
0610490190004	SHEFFIELD LISA	3510 OLD HOLLY DR	PEARLAND	TX	77584-1934
1237490010010	SHEPARD COREY	2232 ANN ST	HOUSTON	TX	77003-1147
1285510020029	SHEPHERD JOEL	13819 BAYTREE DR	SUGAR LAND	TX	77498-2409
1368730010001	SHIN KYUNG	3311 BAER ST	HOUSTON	TX	77020-6101
0371380000002	SHOPS ON CANAL STREET LLC	3773 RICHMOND AVE STE 800	HOUSTON	TX	77046-3723
1370840010001	SHOPS ON NAVIGATION LLC	3773 RICHMOND AVE STE 800	HOUSTON	TX	77046-3723
1271170010002	SIGL BRYAN	514 SCHWEIKHARDT ST	HOUSTON	TX	77020-7744
0291090000008	SIGREN JOHN	4534 WOODSIDE	HOUSTON	TX	77023-1109

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hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
1361480010008	SILVA ERICA ANALY	607 BAYOU ST	HOUSTON	TX	77020-6015
0120100000021	SILVA FRANCISCO P	1143 HAHLO ST	HOUSTON	TX	77020-7303
1285510050026	SILVA MICHAEL	2352 SPERBER LN	HOUSTON	TX	77003-1553
0351250000008	SINGH AMANDEEP	9511 MARTHA SPRINGS DR	HOUSTON	TX	77070-4385
0090060000008	SINGH SUKHVIR	9511 MARTHA SPRINGS DR	HOUSTON	TX	77070-4385
1285510020025	SKARIA FEBIN	110 RILEY LN	HOUSTON	TX	77003-1539
1228970000006	SKODA STEPHEN & AMY B	201 MAIN ST UNIT 3F	HOUSTON	TX	77002-1747
0351260000003	SLOAN MEMORIAL UNITED METHODIST CHURCH	3108 NANCE ST	HOUSTON	TX	77020-6037
1301120010013	SMITH BRANDI	3228 BAER ST	HOUSTON	TX	77020-6004
1399310010004	SMITH CHARLES	609 PRESS ST	HOUSTON	TX	77020-8639
1207900000095	SMITH DAVID S & KAREN P	538 FRENCH KINGSTON CT	MONTGOMERY	TX	77356-4742
1207900000012	SMITH JACKSON R	915 FRANKLIN ST UNIT 2M	HOUSTON	TX	77002-1738
1216420040008	SMITH LESLIE JR	505 BASTROP ST UNIT 408	HOUSTON	TX	77003-2236
1228970000027	SMITH RALPH L	201 MAIN ST UNIT 5E	HOUSTON	TX	77002-1748
1228970000040	SOCKI ADELAIDE L S & RICHARD A	805 ROCK LN	NEWARK	DE	19713-2208
0422210000060	SORB-ALL COMPANY	PO BOX 21148	HOUSTON	TX	77226-1148
1401400010001	SORENSEN REAL ESTATE COMPANY LLC	42 ROBINLAKE LN	HOUSTON	TX	77024-7146
0730430040019	SORIA VICTOR M & MARIA A	1115 GAZIN ST	HOUSTON	TX	77020-7406
0371400000007	SOTO PALEMON	14507 FLEETWELL DR	HOUSTON	TX	77045-6409
0371400000008	SOTO PALEMON & CECILIA	14507 FLEETWELL DR	HOUSTON	TX	77045-6409
0010280000007	SOUTH EAGLERIDGE II LLC	719 OLIVE ST	DALLAS	TX	75201-2807
0031240000005	SOUTHERN PACIFIC RAILROAD COMPANY UNION PACIFIC RAILROAD CO	1400 DOUGLAS ST STOP 1640	OMAHA	NE	68179-1001
0010700000001	SOUTHWESTERN BELL TELEPHONE CO	1010 PINE 9E-L-01	SAINT LOUIS	MO	63101-
1207900000039	SPIELER CHRISTOF	915 FRANKLIN ST UNIT 4L	HOUSTON	TX	77002-1736
1228970000029	STAILEY JAY C & JANIS E	201 MAIN ST UNIT 5G	HOUSTON	TX	77002-1748
1216420050002	STANFORD CONDOMINIUM OWNERS	6548 GREATWOOD PKWY	SUGAR LAND	TX	77479-6815
0011100000001	STAR OF HOPE MISSION % RANDALL L TABOR	6897 ARDMORE ST	HOUSTON	TX	77054-2307
0010700000008	STAR OWNER LLC	3536 VALMONT AVE	BEAUMONT	TX	77706-6730
1399310010009	STEIN EVAN P	619 PRESS ST	HOUSTON	TX	77020-8639
1366530010001	STEPHENS BRET MICHAEL	2909 GILLESPIE ST UNIT C	HOUSTON	TX	77020-5956
1399310010012	STEPTOE JONATHAN	625 PRESS ST	HOUSTON	TX	77020-8639
1207900000091	STEVEN & ANDREA KUKURA GORDON TRUST	915 FRANKLIN ST UNIT 8L	HOUSTON	TX	77002-1735
1285510020031	STINSON CHRISTOPHER	2382 COMMERCE ST	HOUSTON	TX	77003-1537
1228970000038	STURRUP LINDA E	201 MAIN ST UNIT 6F	HOUSTON	TX	77002-1749
1228970000050	STURRUP RANDOLPH D	201 MAIN ST UNIT 6F	HOUSTON	TX	77002-1749
1399310010001	SUAREZ BERNARDINE	603 PRESS ST	HOUSTON	TX	77020-8639
0371390000007	SULLIVAN NANCY	6414 HASKELL ST	HOUSTON	TX	77007-2009
1358450010019	SUN CHHAY	718 CLARK ST	HOUSTON	TX	77020-5918
1285510020051	SUN RUOHAN & TAM THANH NGOC	2342 COMMERCE ST	HOUSTON	TX	77003-1537

Appendix T
Real Property Owners Mailing List
Former Wilson Stationery Printing
1701 Commerce St., Houston, TX 77002
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hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
1285510020020	SUNDERLAND VERONICA	2421 ROUFA RD	HOUSTON	TX	77003-1544
1216410000012	SURENDRAN RUHINA	2534 HAWKINGTON CT	SANTA CLARA	CA	95051-1225
1205880100001	SUTTON FAMILY PTNR	18 GRAND COLONIAL DR	SPRING	TX	77382-2070
0371420000002	SVR INTERESTS COMMERCE LLC	2100 W LOOP SOUTH STE 1100	HOUSTON	TX	77027-3534
1207900000026	TA ANH N	915 FRANKLIN ST APT 3L	HOUSTON	TX	77002-1737
1205880050004	TABBERT CLARK K	4212 SAN FELIPE ST # 439	HOUSTON	TX	77027-2902
1245270010005	TALANOV KYRYL	124 PIERCE ST	HOUSTON	TX	77002-8544
1271170010001	TALLEY MAKIEL	2104 CANAL ST APT 124	HOUSTON	TX	77003-1033
1285510030020	TARLETON KENNETH	217 RILEY LN	HOUSTON	TX	77003-1543
0610490200011	TAYLOR DEBORAH A	4705 COKE ST	HOUSTON	TX	77020-7115
1228970000045	TAYLOR GRAHAM M	201 MAIN ST UNIT 7C	HOUSTON	TX	77002-1749
1216420040007	TAYLOR JONATHAN E	1819 JADE HOLLOW LN	HOUSTON	TX	77077-3578
1216420020001	TAYLOR KAREN JEAN	505 BASTROP ST UNIT 201	HOUSTON	TX	77003-2216
1216420020002	TAYLOR KAREN JEAN	505 BASTROP ST UNIT 202	HOUSTON	TX	77003-2216
1285510020048	TAYLOR MICHAEL	2348 COMMERCE ST	HOUSTON	TX	77003-1537
0351240000009	TAYLOR RAYMOND	8000 LONG POINT RD UNIT 55462	HOUSTON	TX	77055-2013
0090070000003	TDI GROUP INC	PO BOX 740424	HOUSTON	TX	77274-0424
0562330000011	TELLIS LAWRENCE	4216 GUNTER ST	HOUSTON	TX	77020-6324
0012040000006	TERRAZAS INVESTMENTS LLC % JESUS TERRAZAS III	14919 WOODTHORPE LN	HOUSTON	TX	77079-7602
0011190000001	TEXAS AVENUE DEVELOPMENT QOF LLC	501 CRAWFORD ST STE 500	HOUSTON	TX	77002-2113
0012220000001	TEXAS BAR B QUE HOUSE LLC	PO BOX 813	BELLAIRE	TX	77402-0813
0012110000014	TEXAS BASTROP STREET LLC	11312 KINGSWORTHY LN	HOUSTON	TX	77024-7433
0031200000016	TEXAS DEPARTMENT OF CRIMINAL JUSTICE	PO BOX 99	HUNTSVILLE	TX	77342-0099
0010080000015	TEXAS DEPARTMENT OF TRANSPORTATION	PO BOX 1386	HOUSTON	TX	77251-1386
0011150000020	THE SALVATION ARMY	1500 AUSTIN ST	HOUSTON	TX	77002-7708
0090060000011	THERIOT KEVIN	617 CAGE ST	HOUSTON	TX	77020-6119
0351260000001	THOMAS CHARLES	5623 SECLUSION DR	HOUSTON	TX	77049-3921
1216420020009	THOMPSON CARLYLE R	505 BASTROP ST APT 209	HOUSTON	TX	77003-2217
1228970000017	THORNTON ALEXANDER V	201 MAIN ST UNIT 4F	HOUSTON	TX	77002-1748
1263940010003	THURMOND DANE	2422 NAVIGATION BLVD UNIT C	HOUSTON	TX	77003-1569
0351310000005	TIFFANY JAMES INC	16107 KENSINGTON DR STE 228	SUGAR LAND	TX	77479-4224
1381870010003	TIMMINS AARON C	706 GREGG ST	HOUSTON	TX	77020-6151
0010100000001	TNA MAC OUTDOORS LLC	15702 SEASIDE LN	HOUSTON	TX	77062-4231
1207900000102	TOKAR ROBERT V & LORI K	915 FRANKLIN ST UNIT 9J	HOUSTON	TX	77002-1733
1237490020003	TONG THAI	2231 ANN ST	HOUSTON	TX	77003-1146
0010280000013	TOOMEY-GUSEMAN FAMILY LTD	1511 NORTH BLVD	HOUSTON	TX	77006-6327
0610490210002	TOPAZ VENTURES LLC	17611 BROWNING TRACE LN	RICHMOND	TX	77407-2751
1285510010003	TRAN MINH Q	106 ADAMS ST	HOUSTON	TX	77011-3204
1285510040016	TRANER LUCAS	2333 SPERBER LN	HOUSTON	TX	77003-1554

Appendix T
Real Property Owners Mailing List
Former Wilson Stationery Printing
1701 Commerce St., Houston, TX 77002
VCP No. 3063

hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
0010490000001	TREANOR PARTNERS	6315 BROMPTON RD	HOUSTON	TX	77005-3403
1355520010001	TREJO LUIS A & JACQUELINE	3016 BAER ST	HOUSTON	TX	77020-5908
1207900000060	TREVIN BAKER	915 FRANKLIN ST UNIT 6E	HOUSTON	TX	77002-1730
1237490010003	TREVINO ERIC RICHARD	2246 ANN ST	HOUSTON	TX	77003-1147
1207900000086	TUCKER GARY D JR & REBECCA ANN	1810 WINTER GRAPE LN	KINGWOOD	TX	77345-2506
1207900000007	TUGWELL JOHN	724 HARBORSIDE WAY	KEMAH	TX	77565-3069
1228970000031	TUTINO MATTHEW	201 MAIN ST UNIT 5	HOUSTON	TX	77002-1746
0010780000001	U S POST OFFICE	475 LENFANT PLZ SW	WASHINGTON	DC	20260-0004
1285510040011	UDOFIA ANN E	2343 SPERBER LN	HOUSTON	TX	77003-1554
1412880010001	UG 813 MCKEE LP	813 MCKEE ST	HOUSTON	TX	77002-1112
1410810010001	UG 850 MCKEE LP	306 AVONDALE ST STE 200	HOUSTON	TX	77006-3174
0271150000006	UG OLD HARDY LP	306 AVONDALE ST STE 200	HOUSTON	TX	77006-3174
0271140000020	UNION PACIFIC RAILROAD COMPANY UNION PACIFIC RAILROAD CO	1400 DOUGLAS ST STOP 1640	OMAHA	NE	68179-1001
0010270000001	UNITED STATES OF AMERICA	1700 N CONGRESS # 720	AUSTIN	TX	78701-1436
0010710000001	UNITED STATES OF AMERICA FEDERAL BUREAU OF PRISONS	320 1ST ST NW RM 724	WASHINGTON	DC	20534-0002
0010710000004	UNITED STATES OF AMERICA FEDERAL BUREAU OF PRISONS	320 1ST ST NW RM 754	WASHINGTON	DC	20534-0002
0030800000001	UNIVERSITY OF HOUSTON SYS ATTN: OFFICE OF REAL ESTATE SERVICES	5000 GULF FWY BLDG 1	HOUSTON	TX	77204-8017
1245270020009	UPCHURCH SEAN & NIKIA	2337 ANN ST	HOUSTON	TX	77003-1001
1392690010001	URBAN INTOWNHOMES LLC	1520 OLIVER ST	HOUSTON	TX	77007-6035
1372730010055	URBAN INTOWNHOMES LTD	1520 OLIVER ST STE 270	HOUSTON	TX	77007-6035
0011890000001	URBAN PROPERTIES LLC	5023 WASHINGTON AVE	HOUSTON	TX	77007-5307
1307900010001	US HARMONY LLC	7202 TIMBERLAKE DR	SUGAR LAND	TX	77479-6304
0351260000007	UVALDE CENTER I LTD	1520 OLIVER ST STE 202	HOUSTON	TX	77007-6035
0351270000005	VAKILI FRED	5810 WINSOME LN	HOUSTON	TX	77057-5609
1399310010005	VALLE LUIS L & DIANA	611 PRESS ST	HOUSTON	TX	77020-8639
1207900000008	VANN GEORGE A	915 FRANKLIN ST APT 2	HOUSTON	TX	77002-1725
0120100000033	VARGAS JOSE G & BEATRICE	1130 WOOLWORTH ST	HOUSTON	TX	77020-7316
0120110000013	VASQUEZ AARON & LETICIA G	1127 HOFFMAN ST	HOUSTON	TX	77020-7305
1285510050012	VASQUEZ ROY J	2324 SPERBER LN	HOUSTON	TX	77003-1553
1285510050023	VAUGHN PAUL J	2346 SPERBER LN	HOUSTON	TX	77003-1553
0562330000017	VAUGHN SYLVESTER F	4209 COKE ST	HOUSTON	TX	77020-6321
1237490010039	VAZQUEZ FRANCISCO	726 SWEET FLOWER DR	HOUSTON	TX	77073-4388
0720560000012	VEGA KASSANDRA	1130 CALLES ST	HOUSTON	TX	77020-7222
1207900000073	VELASQUEZ FRED MICHAEL	915 FRANKLIN ST UNIT 7E	HOUSTON	TX	77002-1730
0291100000012	VERNON CLINT	1302 WAUGH DR STE 666	HOUSTON	TX	77019-3908
1285510030014	VILLARIN KRISTINA	205 RILEY LN	HOUSTON	TX	77003-1543
1285510050014	VILLARREAL ERICA	2328 SPERBER LN	HOUSTON	TX	77003-1553
1237490020001	VILSACK DANA M	3600 N WILLIAMS AVE UNIT 205	PORTLAND	OR	97227-1486
1399310010014	VINECREST ENTERPRISES GILLESPIE LAND LLC	1815 SHEARN ST	HOUSTON	TX	77007-4051

Appendix T
Real Property Owners Mailing List
Former Wilson Stationery Printing
1701 Commerce St., Houston, TX 77002
VCP No. 3063

hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
1263940010001	VISBAL RAMIRO	2422 NAVIGATION BLVD UNIT A	HOUSTON	TX	77003-1569
1361480010007	VITERI BRYAN	605 BAYOU ST	HOUSTON	TX	77020-6015
0011870000005	VPAM HOLDINGS LLC	121 ST EMANUEL ST	HOUSTON	TX	77002-2355
0301030000001	W G INTERESTS LTD	3234 WESTHEIMER RD	HOUSTON	TX	77098-1000
1301120010005	WADE CHELSEA B	3218 BAER ST	HOUSTON	TX	77020-6004
1285510040012	WAGER ARTHUR B	2341 SPERBER	HOUSTON	TX	77003-1554
0610490210007	WAGNER KELVIN SR	4617 EDMUND ST	HOUSTON	TX	77020-7709
0610490210009	WAGNER MELVIN SR	4619 EDMUND	HOUSTON	TX	77020
1361480010011	WAGONER CLINTON J	615 BAYOU ST	HOUSTON	TX	77020-6015
1216420020004	WAGSTAFF KEEGAN	505 BASTROP ST APT 204	HOUSTON	TX	77003-2216
1207900000015	WARNE KATHLEEN E ESTATE OF C/O RAE-PAT DEAN EXECUTIX	PO BOX 1340	CROCKETT	TX	75835-7340
1285510030007	WARNEKE CARLA	109 RILEY LN	HOUSTON	TX	77003-1542
1411020010002	WARREN BRIA MARIE	616 MEADOW ST	HOUSTON	TX	77020
0562330000013	WASHINGTON DARRIN D SR	4212 GUNTER ST	HOUSTON	TX	77020-6324
1285510040018	WATERHILL COMPANIES LTD	5535 MEMORIAL DR STE F # 711	HOUSTON	TX	77007-8023
1237490010040	WATTS BRIAN M	2219 ANN ST	HOUSTON	TX	77003-1146
1271440010001	WAYSIDE LUXURY HOUSING PARTNERS LP	2104 CANAL ST	HOUSTON	TX	77003-0004
0610490210001	WE DONT SELL MANGOS LLC SERIES B	1302 WAUGH DR STE 191	HOUSTON	TX	77019-3908
1228970000036	WEBB DEREK C & ANGELA N	3503 ALDERGROVE DR	SPRING	TX	77388-5154
1205880040002	WEINAND JANEICE A	448 W 19TH ST # 184	HOUSTON	TX	77008-3914
0402620000021	WESTBROOK LLC	1111 LOCKWOOD DR	HOUSTON	TX	77020-7321
0402620010125	WESTCORE ALPHA HOUSTON I LLC	4350 LA JOLLA VILLAGE DR STE 900	SAN DIEGO	CA	92122-1246
1207900000004	WHARTON NICHOLAS DAVID	204 TRAVIS ST APT 6D	HOUSTON	TX	77002-1724
1285510040007	WHEAT DAVE	2351 SPERBER LN	HOUSTON	TX	77003-1554
1228970000018	WHITE DOUGLAS	201 MAIN ST UNIT 4G	HOUSTON	TX	77002-1748
1285510030016	WHITE SHAUNA	209 RILEY LN	HOUSTON	TX	77003-1543
1216420050008	WHITEHEAD CHARLES M IV	505 BASTROP ST APT 508	HOUSTON	TX	77003-2238
0011840000003	WIESE AARON	12219 MAPLE ROCK DR	HOUSTON	TX	77077-2532
1216420040001	WILKERSON MICHAEL	505 BASTROP ST APT 401	HOUSTON	TX	77003-2235
1359690010001	WILKINS LISA	2904 BAER ST	HOUSTON	TX	77020-5953
0010470000001	WILKINS W T JR	1217 PRAIRIE ST	HOUSTON	TX	77002-2048
0610490220007	WILLIAMS JEFF ELLIOTT & ROSETTA	4728 COKE ST	HOUSTON	TX	77020-7116
1285510050032	WILLIAMS JUAN E	2364 SPERBER LN	HOUSTON	TX	77003-1553
0351300000003	WILLIAMS RONALD ET AL	4411 HERITAGE TRAIL DR	HOUSTON	TX	77047-2968
1285510020033	WILLIAMS THOMAS T II	2378 COMMERCE ST	HOUSTON	TX	77003-1537
0090060000001	WILLIAMS VICTORIA SIMON	138 GEORGIA ST	HOUSTON	TX	77029-4522
1207900000005	WILSON CHRISTINE A C/O CHRISTINE WILSON TRUST	915 FRANKLIN ST UNIT 2E	HOUSTON	TX	77002-1738
1361480010001	WILSON ERIC	3120 BAER ST	HOUSTON	TX	77020-6002
1207900000002	WILSON MELISSA	915 FRANKLIN ST UNIT 2B	HOUSTON	TX	77002-1738

Appendix T
Real Property Owners Mailing List
Former Wilson Stationery Printing
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hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
1285510020060	WOLFE DANIEL H	2324 COMMERCE ST	HOUSTON	TX	77003-1537
1228970000005	WOOD PETER L	201 MAIN ST UNIT 3E	HOUSTON	TX	77002-1747
1351630010001	WOODBANCH CRAWFORD LLC	4265 SAN FELIPE STE 550	HOUSTON	TX	77027-3019
1228970000025	WRIGHT RICK	2158 COUNTY ROAD 362	ANSON	TX	79501-6430
1363240010002	WRIGHT TRACI J	707 BAYOU ST	HOUSTON	TX	77020-6017
1207900000087	WRIGHT WAYNE & MARIETTE	301 HILLCREST DR	RICHMOND	TX	77469-4518
0351260000002	WYNN GWENDOLYN E	3114 NANCE ST	HOUSTON	TX	77020-6037
1205880080003	YUEN CHI KWAN	1120 TEXAS ST APT 8C	HOUSTON	TX	77002-3136
1207900000076	YUSKIW TERRY	915 FRANKLIN ST UNIT 7I	HOUSTON	TX	77002-1730
0031290000013	ZAMIR INVESTMENTS INC	PO BOX 22957	HOUSTON	TX	77227-2957
0120100000019	ZENIL FRANCISCO J & AMELIA	1139 HAHLO ST	HOUSTON	TX	77020-7303
1207900000089	ZENOR RYAN THOMAS	915 FRANKLIN ST UNIT 8J	HOUSTON	TX	77002-1735
0010150000002	ZIMMERMAN INTERESTS INC	3815 MONTROSE BLVD STE 101	HOUSTON	TX	77006-4666
1237490010016	ZIMMERMANN WARREN G III	2219 RUNNELS ST	HOUSTON	TX	77003-1019
1285510050021	ZIMNY JOSEPH L	2342 SPERBER LN	HOUSTON	TX	77003-1553
1301120010003	ZOUD WISAM	3204 BAER ST	HOUSTON	TX	77020-6004
1216410000010	ZUCHA BRYANNE N	915 N SAN JACINTO ST UNIT 2D	HOUSTON	TX	77002-1239
0120100000011	ZUNIGA MARIA	1123 HAHLO ST	HOUSTON	TX	77020-7303
	SECOND WARD RESIDENCE ASSOCIATION C/O PAUL MEZA	123 CHRISTENSEN	HOUSTON	TX	77003
	SECOND WARD ASSOCIATION C/O JULIAN CORTINAS	PO BOX 230397	HOUSTON	TX	77223

Appendix U

Form U-2012-01 **signed and sealed** by a licensed professional engineer or licensed professional geoscientist authorized to practice in the State of Texas with expertise in environmental remediation.

Signing and sealing Form U-2012-01 certifies:

- a. The contaminants of concern from sources on the designated property or migrating from or through the designated property more likely than no [do exceed] OR [do not exceed] a non-ingestion protective concentration level on the property beyond the boundaries of the designated property.
- b. All requirements of Section 47-762 of the Houston Code of Ordinances have been met, including demonstration that the groundwater contamination plume has been fully delineated and is stable or contracting in size.

To the best of my knowledge and belief, based upon a review of all public and private records and other information sources available to me in the exercise of due diligence, the opinions stated and conclusions made in this application are supported by such information, and the technical and scientific information submitted with the application is true, accurate, and complete. Based on such review, the contaminants of concern from sources on the designated property or migrating from or through the designated property more likely than not [do exceed] OR **[do not exceed]** a non-ingestion protective concentration level on property beyond the boundaries of the designated property. Further, I certify that all requirements of Section 47-762 of the Houston Code of Ordinances have been met, including demonstration that the groundwater contamination plume has been fully delineated and is stable or contracting in size.

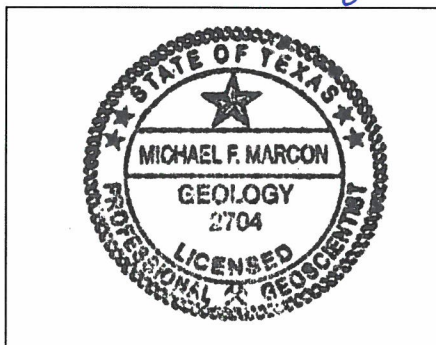
Michael F. Marcon, P.G.
(Name)

Vice President, Principal
(Title)

InControl Technologies LLC
(Firm)

Signature: 

Date: 3/17/2021



Professional Seal

Appendix V

If the licensed professional engineer or professional geoscientist determines that contaminants of concern from sources on the designated property are migrating from or through the designated property more than likely do not exceed a non-ingestion protective concentration level on property beyond the boundary of the designated property, then the applicant must:

- a. Specify the name and address of the owner of each property.
- b. Send a copy of the application to the owner of the property with the notice of the public meeting.
- c. Provide documentation that the designated property has been included in a state or federal program that requires that the entire non-ingestion protective concentration level exceedance zone be addressed to the satisfaction of the agency administering the program, along with documentation of the estimated time period in which it is to be addressed. An example of such a program is the Texas Voluntary Cleanup Program (section 361.501 of the Texas Health and Safety Code, as may be amended from time to time).
- d. Provide documentation upon completion of the state or federal program showing that the non-ingestion protective concentration level exceedances have been addressed to the satisfaction of the agency administering the program.

Not Applicable. The contaminants of concern from sources on the designated property do not exceed a non-ingestion protective concentration level beyond the boundary of the designated property.

Appendix W

Form W-2012-01 certified/signed by the applicant and any authorized representatives of the applicant(s) listed in the application.

Enclosed in this section is Form W-2012-01 certified and signed from the following party(ies):

Applicant: DH Commerce LLC

Appendix W – Accuracy of Information

I certify under penalty of law that this application and all attachments were prepared under my direction or supervision in a manner designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the persons responsible for gathering and evaluating the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violation.

Walter Hultin

(Applicant's Name)

Manager

(Title)

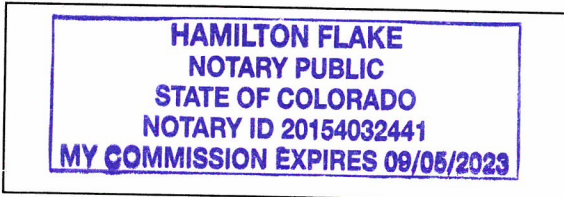
DH Commerce, LLC

(Company)

Signature: *Walter Hultin* Date: 3-15-21

State of ~~Texas~~ ^{COLORADO} §
HKF/WRM

County of ~~Harris~~ ^{DENVER} §
HKF/WRM



(Seal)

This instrument was acknowledged before me on this day the 15 day of March, 2021 by Walter Hultin
(Print)

Hamilton Flake
NOTARY PUBLIC, STATE OF TEXAS
Hamilton Flake ^{COLORADO}
Printed/Typed Name of Notary *HKF/WRM*

My commission expires: 9/5/2023

Appendix X

Form X-2012-01 **signed** by the property owner or authorized agent (if an authorized agent, you must provide the legal authorization instrument).

Included in this section is Form X-2012-01, signed by the property owners.

Owner: DH Commerce LLC

Appendix X – Signed Restrictive Covenant

I certify under penalty of law that I, the undersigned, as the real property owner or authorized agent of the designated property listed herein, have the legal authority and do agree to prohibit the use of designated groundwater in support of the Municipal Setting Designation by the Texas Commission on Environmental Quality.

Walter Hultin

(Owner or Authorized Agent's Name)

Manager

(Title)

DH Commerce LLC

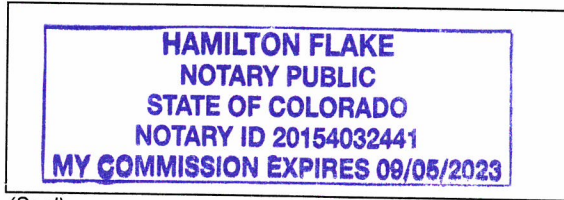
(Company)

Signature: Walter Hultin Date: 3-15-21

If authorized agent, provide proof of legal authorization instrument in the application under appendix x.

State of ~~Texas~~ ^{COLORADO} §
HKF/VB

County of ~~Harris~~ ^{DENVER} §
HKF/VB



(Seal)

This instrument was acknowledged before me on this day the 15 day of March, 2021 by Walter Hultin
(Print)

Hamilton Flake
NOTARY PUBLIC, STATE OF TEXAS ^{COLORADO}
Hamilton Flake
Printed/Typed Name of Notary

My commission expires: 9/5/2023

Appendix Y

A CD (or other devise) containing the pdf file of the application, Excel spreadsheet of water well owners and property owners for mailing notices.

A CD with the following documents is included in this appendix:

- pdf file of the complete application;
- Excel spreadsheet of water well owners for mailing;
- Excel spreadsheet of real property owners for mailing; and
- Pdf file of the well log report.