



Transmittal

Date: December 22, 2023

To: Bluebonnet Groundwater Conservation District
Attn: Zach Holland, General Manager
303 E. Washington Ave., Suite D
P.O. Box 269
Navasota, Texas 77868

From: Kenyon Hunt, PE

Reference: Waller County MUD 48 – Applications for Water Well Permits

Item No.	Number of Copies	Description
1.	1	Check No. 111298
2.	1	Non-Exempt Water Well Registration App – Well No. 1
3.	1	Well Operating Permit App – Well No. 1
4.	1	Pollution Hazard Study
5.	1	Well Construction Diagram
6.	1	Well Design Parameters
7.	1	District Management Plan Letter of Compliance

Comments:

Bluebonnet Groundwater Conservation District
1903 Dove Crossing Lane Suite A, P.O. Box 269
Navasota, TX 77868
Phone: 936-825-7303 Fax: 936-825-7331
Email: BGCD@bluebonnetgroundwater.org

BGCD Well ID #: _____

NON-EXEMPT WATER WELL REGISTRATION APPLICATION

Please complete all questions. Please print or type information, or place an "x" in the appropriate space.

Drill New Well: Register an Existing Well: _____ Replace Existing Well: _____ Increase Size of Existing Well: _____

Increase Pump Size of Existing Well: _____ Abandon/Cap/Plug Existing Well: _____ Perform Dye Trace: _____

Well Owner Waller County Municipal District No. 48 Phone 713-860-6467

Address 3200 Southwest Freeway, Suite 2600, Houston, TX, 77027

Fax: 713-860-6667 Email: ksherborne@abhr.com

Drilling Company TBD Phone _____

Address NOTE: When driller is selected, BGCD will be notified in order to provide applicable drilling authorization

Fax: _____ Email: _____

Driller _____ License# _____

Well Location: County Waller Well Site Address or Location: 4501 Cardiff Rd, Katy, TX, 77493

Latitude 29.850686 Longitude -95.905286

Proposed Water Use: Public Water Supply: Industrial: _____ Recreational: _____ Commercial: _____

Hydraulic Fracturing: _____ Transport Outside of District: _____

Proposed depth: 1,125 ft. Aquifer Chicot & Evangeline Date drilling is scheduled to begin TBD

Proposed casing size: 24 in. Proposed casing depth: 400 ft. Pump depth: 540 ft. Pump size 250 hp.

Type Pump: Turbine: Submersible: _____ Windmill: _____ Other (specify): _____

Pump fuel or power source: Electricity: Natural Gas: _____ Wind: _____ Other (specify): _____

Pump Bowls: Size 12in Dia # of Stages: 3 Pump Column: Inside Diameter: 10 in. Length: _____ ft.

Pump discharge pipe: Size 250 in. Rated pump horsepower: 250 Pump Discharge: 1000 gpm

Water bearing formation: _____

Estimated Annual Water Production: _____ Acre-Feet or 200,000,000 Gallons

If the water produced from this well will be used in whole or in part on property other than the property where the well is located, **describe the location where the water will be used.** Transportation of water produced and moved to another location may require a District Transportation Permit. See District Rules, Section 10 or contact the District office for information.

BLUEBONNET GROUNDWATER CONSERVATION DISTRICT

Permit form approved on: _____

By: _____ Zach Holland, General Manger

(Continued) NON-EXEMPT WATER WELL DRILLING PERMIT FORM (Continued)

The following documentation, attachments and fee payments must accompany this form when it is submitted for consideration by the District.

- a. Plat or map showing location of the property and location on property of well for which form is submitted.
- b. If owner and/or operator of a well is different from property owner, provide written documentation from property owner authorizing construction and operation of this well.
- c. All the information and documentation required for the type and class of well for which authorization is requested by Section 8 of the District Rules and that information and documentation required by Rule 8.5.
- d. Forms for non-exempt well authorizations must be accompanied by the information required by Rule 8.5A1:
 - a. 8.5A1(e) – a statement of the projected effect of the proposed withdrawal on the aquifer or aquifer conditions, depletion, subsidence, or effects on existing permit holders or other groundwater users in the District;
 - b. 8.5A1(f) – the applicant’s water conservation plan or a declaration the applicant and subsequent user will comply with the District’s management plan;
 - c. 8.5A1(g)(2) – well construction diagram;
 - d. 8.5A1(g)(3) – a map showing the location of the proposed well or wells, all existing well, hydrologic features, and geologic features located within half (1/2) mile radius of the proposed well or wells site;
 - e. 8.5A1(h) – the applicant’s well closure plan or a declaration the applicant will comply with well plugging guidelines and report closure to the applicable authorities, including the District.
- e. Payment for applicable fees must accompany the form. Additional fees may apply as documented in the District’s adopted Fee Schedule.

Well Development Fee	\$75.00	
Operating Permit Application Fee	\$375.00	
Hydrogeologic Report Fee – applicable if well completed with eight (8) inches or greater inside casing diameter		
	Phase I-a Report (less than 200MG/yr)	Phase I-b Report (> 200MG/yr)
District Prepared Report	\$1,500.00	\$7,500.00
Applicant Prepared/District Review	\$500.00	\$1,500.00

- f. Forms for new non-exempt wells must be accompanied by an Operating Permit Application and, if appropriate, a Transport Permit Application.

I, the undersigned applicant, hereby agree and certify that:

- a. this well will be drilled within 30 feet of the location specified and not elsewhere;
- b. I will furnish the District with a copy of the completed driller’s log, any electric log, the well completion report, and any water quality test report within 60 days of completion of this well and prior to production of water there from (other than such production as may be necessary to the drilling and testing of such well);
- c. in using this well, I will avoid waste, achieve water conservation, protect groundwater quality and the water produced from this well will be for a beneficial use;
- d. I will comply with all District and State well plugging and capping guidelines in effect at the time of well closure;
- e. I agree to abide by the terms of the District Rules, the District Management Plan, and orders of the District Board of Directors currently in effect and as they may be modified, changed, and amended from time to time;
- f. I hereby certify that the information contained herein is true and correct to the best of my knowledge and belief.

Signature: Kenyon S Hunt

Printed Name: Kenyon Hunt



Date: 12/21/2023

Title: Senior Project Manager

Bluebonnet Groundwater Conservation District

303 E. Washington Ave., P.O. Box 269

Navasota, TX 77868

Phone: 936-825-7303 Fax: 936-825-7331

Email: BGCD@bluebonnetgroundwater.org

BGCD Well ID #: _____

WELL OPERATING PERMIT APPLICATION

Please complete all questions. Please print or type information or place an "x" in the appropriate space.

Drill New Well: Register an Existing Well: _____ Replace Existing Well: _____ Increase Size of Existing Well: _____

Increase Pump Size of Existing Well: _____ Abandon/Cap/Plug Existing Well: _____ Perform Dye Trace: _____

Well Owner Waller County Municipal District No. 48 Phone 713-860-6467

Address 3200 Southwest Freeway, Suite 2600, Houston, TX, 77027

Fax: 713-860-6667 Email: ksherborne@abhr.com

Drilling Company TBD Phone _____

Address NOTE: When driller is selected, BGCD will be notified in order to provide applicable drilling authorization

Fax: _____ Email: _____

Driller _____ License# _____

Well Location: County Waller 911 address of well site 4501 Cardiff Rd, Katy, TX, 77493

Latitude 29.850686 Longitude -95.905286

Proposed Water Use: Public Water Supply: Industrial: _____ Recreational: _____ Commercial: _____

Hydraulic Fracturing: _____ Transport Outside of District: _____

Status of well as of application date:

_____ Operating Well (Date drilled _____)

_____ Well Completed but not operating (Date Drilled _____)

Well Development permit attached or awaiting approval

Authorization to produce the following quantity of water annually from this well is: 200,000,000 Gallons

A well operating permit is normally issued for a period of one year (12 months). If a permit for a longer period of time is requested, attach a statement detailing the reasons for a longer permit period and the period of time requested.

If the water produced from this well will be used in whole or in part on property other than the property where the well is located, **describe the location where the water will be used.** Transportation of water produced and moved to another location may require a District Transportation Permit. See District Rules, Section 10 or contact the District office for information.

BLUEBONNET GROUNDWATER CONSERVATION DISTRICT

Permit application approved on: _____

By: _____ Zach Holland, General Manger

(Continued) WELL OPERATING PERMIT APPLICATION (Continued)

The following documentation, attachments and fee payments must accompany this application when it is submitted for consideration by the District.

- a. Plat or map showing location of the property and location on property of well for which application is submitted.
- b. If the owner and/or the operator of well is different from the property owner, provide written documentation from the property owner authorizing construction and operation of this well.
- c. All the information and documentation required for the type and class of well for which authorization is requested by Section 8 of the District Rules and in particular that information and documentation required by Rule 8.5.
- d. If this permit application is for a well completed with an inside casing diameter of eight (8) inches or greater, or for any of the conditions enumerated in District Rule 8.5 F, a current hydrogeological report (a report completed within 18 months of the date of this application is considered current) shall be submitted with this application.
- e. Payment for applicable fees must accompany application. For a non-exempt well the appropriate Operating Permit Application Fee (\$375.00 +\$750.00 if inside casing diameter is eight (8) inches or greater) must be included.
- f. The applicant's water conservation plan and if any subsequent user of the water is a municipality or entity providing retail water services, the water conservation plan of that municipality or entity shall also be provided. In lieu of a water conservation plan, a declaration that the applicant and/or a subsequent user if any subsequent user is a municipality or entity providing retail water services will comply with the District Management Plan.
- g. The applicant's Drought Contingency Plan and a copy of any subsequent user's Drought Contingency Plan or a declaration that the applicant or a subsequent user will comply with District rules, policies and Board actions in drought conditions.

I, the undersigned applicant, hereby agree and certify that:

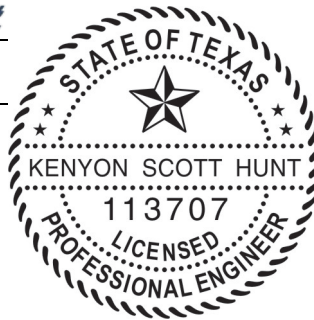
- a. in using this well, I will avoid waste, achieve water conservation, protect groundwater quality and the water produced from this well will be for a beneficial use;
- b. I will comply with all District and State well plugging and capping guidelines in effect at the time of well closure;
- c. I agree to abide by the terms of the District Rules, the District Management Plan and orders of the District Board of Directors currently in effect and as they may be modified, changed and amended from time to time;
- d. I hereby certify that the information contained herein is true and correct to the best of my knowledge and belief.

Signature: Kenyon S Hunt

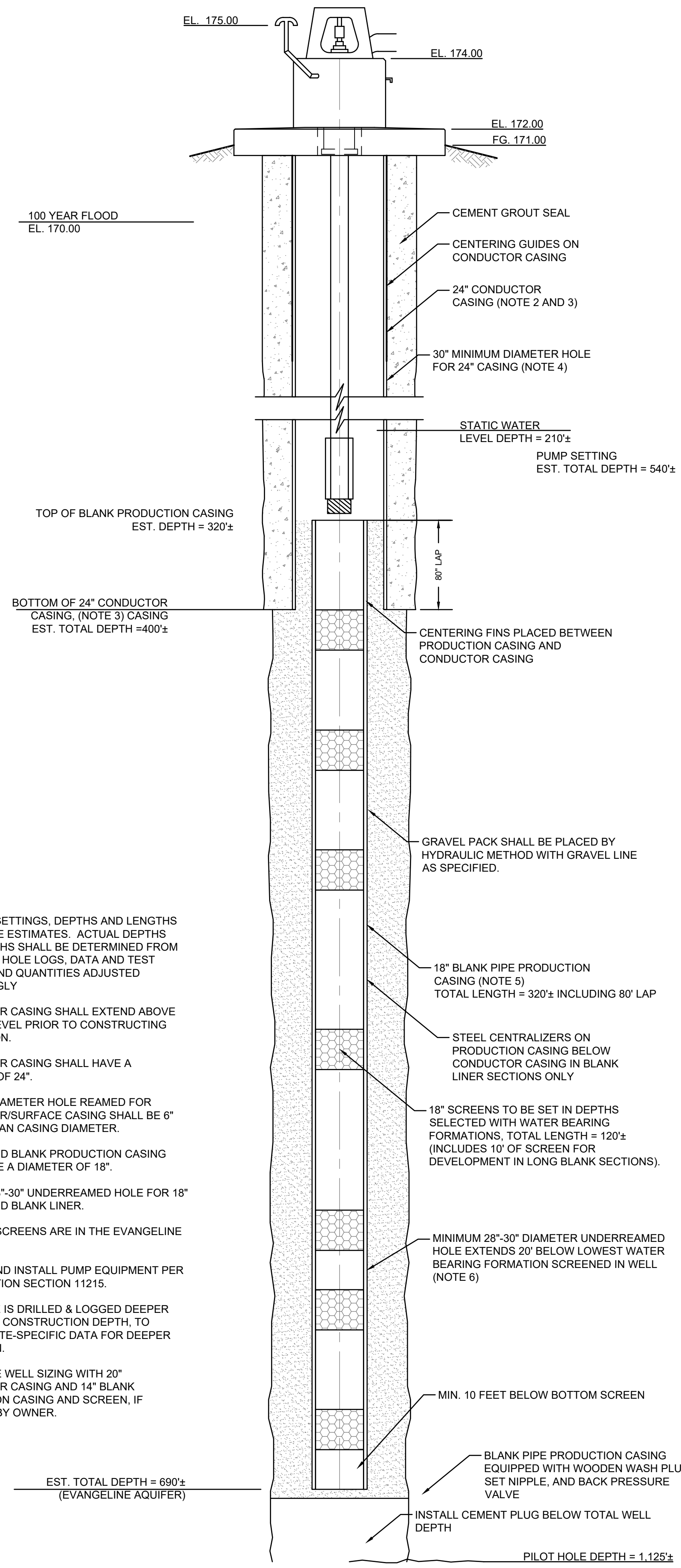
Date: 12/21/2023

Printed Name: Kenyon Hunt

Title: Senior Project Manager



G:\T\H\Projects\Districts\WCMUD48\1081-00-water-plant-ph\PW_01_CADD\01_Shts\0000-PR\Prof.dwg Dec 21, 2023 - 3:39pm bpeterson

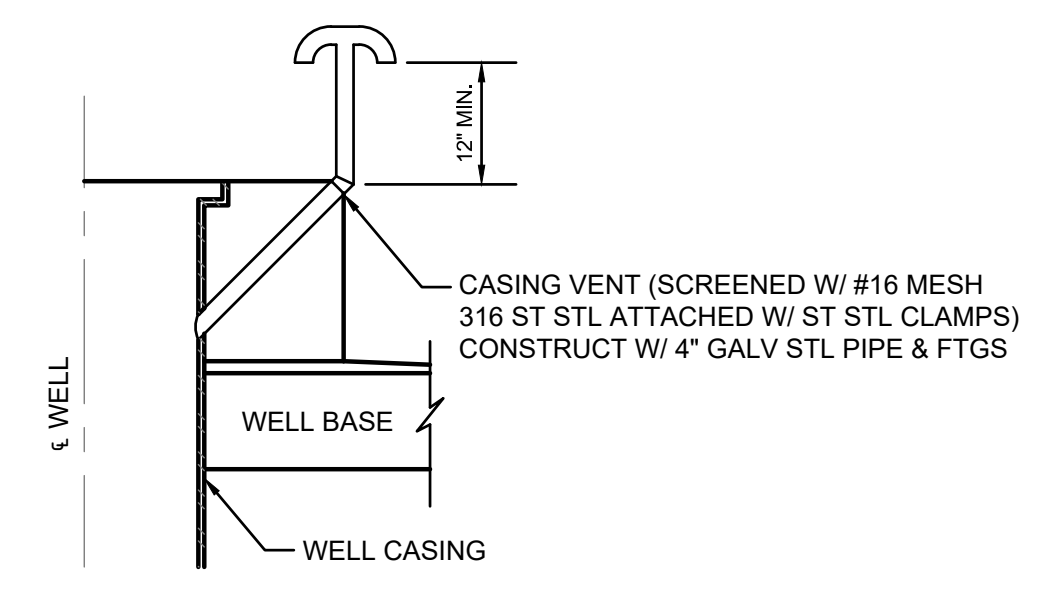


NOTES:

- MATERIAL SETTINGS, DEPTHS AND LENGTHS SHOWN ARE ESTIMATES. ACTUAL DEPTHS AND LENGTHS SHALL BE DETERMINED FROM PILOT TEST HOLE LOGS, DATA AND TEST RESULTS AND QUANTITIES ADJUSTED ACCORDINGLY
- CONDUCTOR CASING SHALL EXTEND ABOVE GROUND LEVEL PRIOR TO CONSTRUCTING FOUNDATION.
- CONDUCTOR CASING SHALL HAVE A DIAMETER OF 24".
- MINIMUM DIAMETER HOLE REAMED FOR CONDUCTOR/SURFACE CASING SHALL BE 6" LARGER THAN CASING DIAMETER.
- SCREEN AND BLANK PRODUCTION CASING SHALL HAVE A DIAMETER OF 18".
- MINIMUM 28"-30" UNDERREAMED HOLE FOR 18" SCREEN AND BLANK LINER.
- THE WELL SCREENS ARE IN THE EVANGELINE AQUIFER.
- FURNISH AND INSTALL PUMP EQUIPMENT PER SPECIFICATION SECTION 11215.
- PILOT HOLE IS DRILLED & LOGGED DEEPER THAN WELL CONSTRUCTION DEPTH, TO PROVIDE SITE-SPECIFIC DATA FOR DEEPER FORMATION.
- ALTERNATE WELL SIZING WITH 20" CONDUCTOR CASING AND 14" BLANK PRODUCTION CASING AND SCREEN, IF DIRECTED BY OWNER.

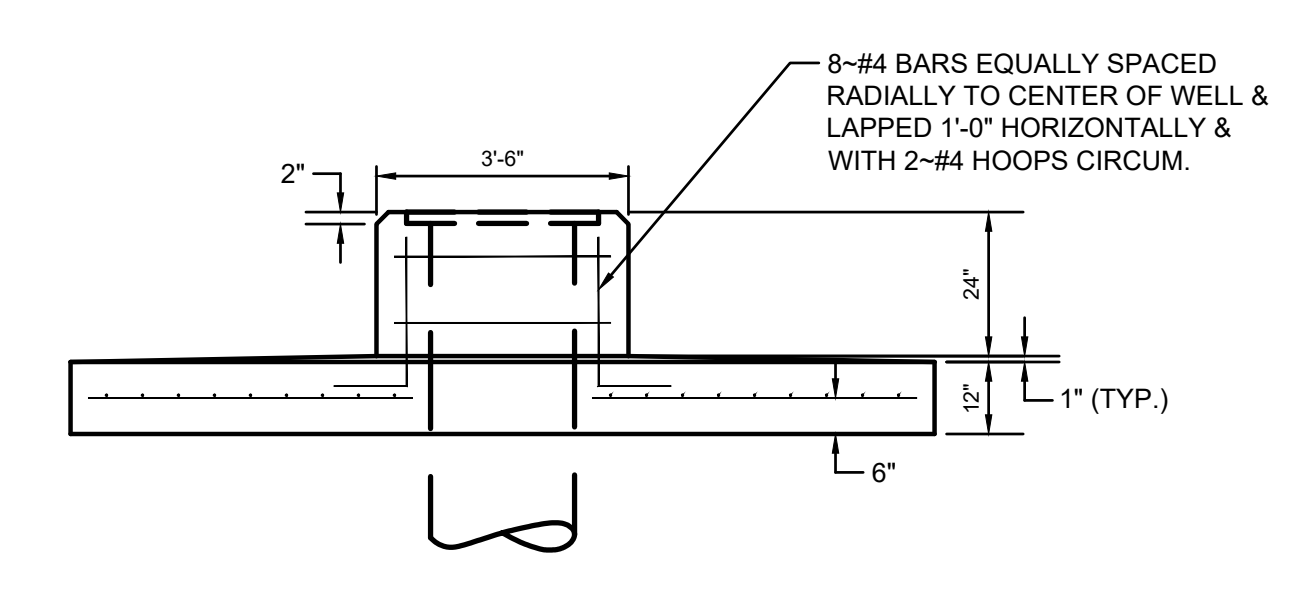
2-PIECE GRAVEL PACK WELL SECTION

SCALE: NTS



2 CASING VENT DETAIL

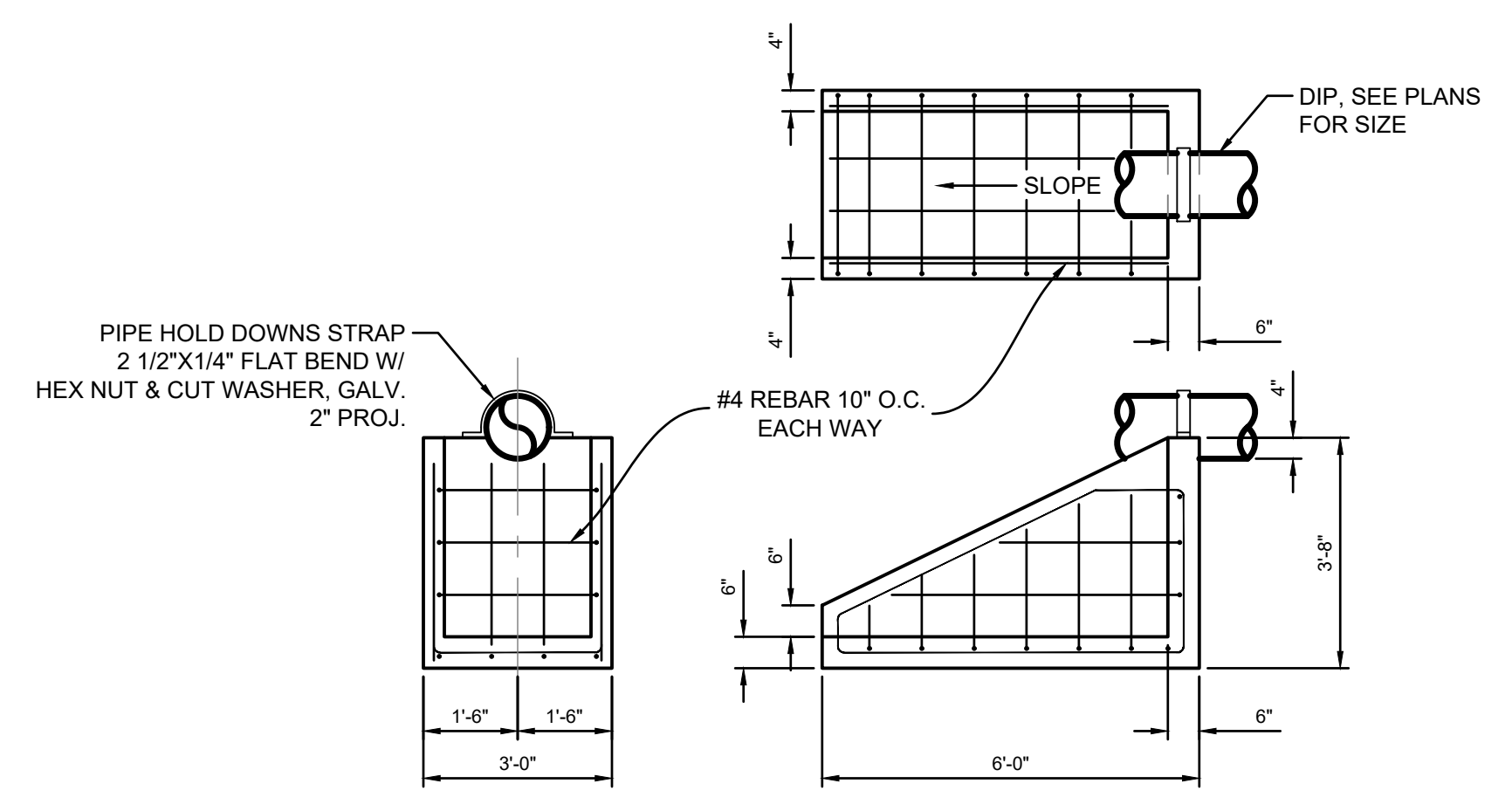
SCALE: NTS



3 PUMP FOUNDATION

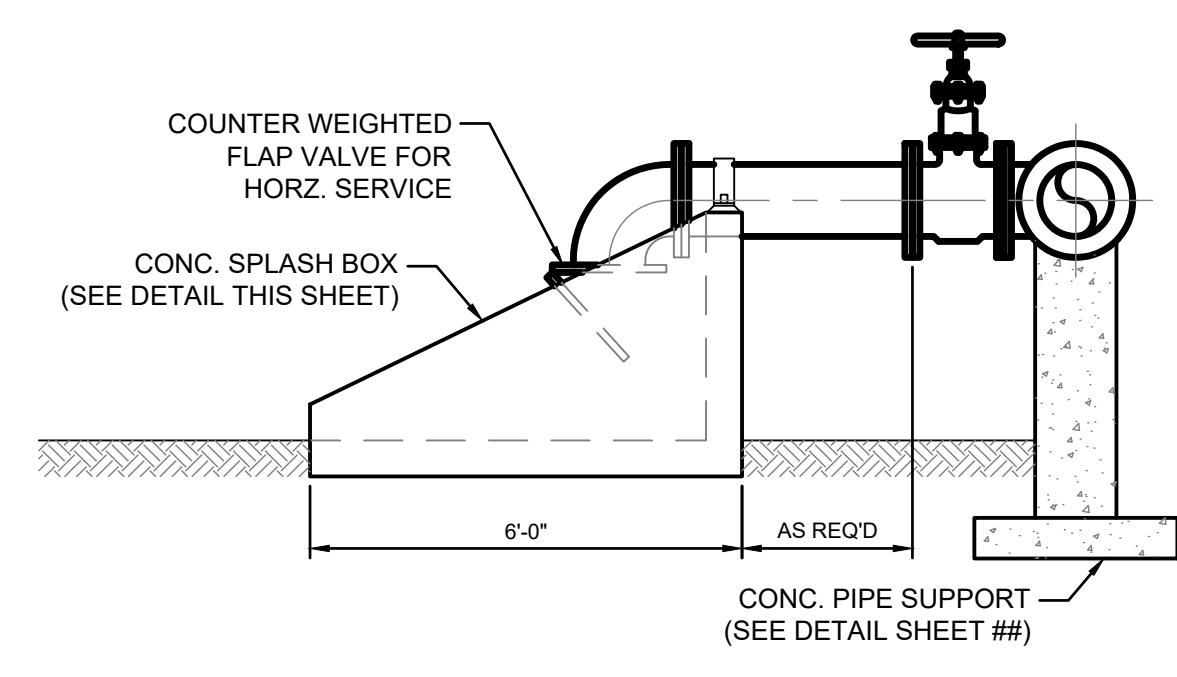
SCALE: 3/8" = 1'-0"

NOTE:
1. THE PUMP FOUNDATION PEDESTAL AND BASE SHOULD HAVE A SLOPE OF NO LESS THAN 0.25 INCH PER FOOT FOR DRAINING. CASING SHALL EXTEND A MINIMUM OF 1 INCH ABOVE THE PUMP MOTOR FOUNDATION BLOCK.



4 SPLASH PAD - STRUCTURAL

SCALE: 3/8" = 1'-0"



5 SPLASH PAD

SCALE: 3/8" = 1'-0"

NO.	DATE	REVISION	APP.

DATE: DECEMBER 2023
DESIGNED BY: J.T.S.
DRAWN BY: J.T.S.

JOB NUMBER: 11509-00

BGE, Inc.
10777 Westheimer, Suite 400
Houston, TX 77042
Tel: 281-558-8700 • www.bgeinc.com
TBPPE Registration No. F-1046

STATE OF TEXAS
KENYON SCOTT HUNT
113707
LICENSED PROFESSIONAL ENGINEER
Kenyon S. Hunt
12/21/2023

WALLER COUNTY MUD NO. 48
WATER PLANT NO. 1

WATER WELL NO. 1 DETAILS

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

DRAWING SCALE: N/A

SHEET NO. 12 OF 31
FOR CITY OF HOUSTON USE ONLY

Waller County MUD 48 - Water Well 1 Well, Pump & Motor Parameters

1,000 gpm Well Pump Design Rate

Water Well Parameters	Parameter Description, Estimated Data and Notes
Aquifer(s)	Chicot Aquifer & Evangeline Aquifer (Well)
Pilot Hole Depth, Diameter & Plug(s)	1,125 feet; 7-7/8 to 9-7/8 inches; install 30-sack cement plug below TD
Pilot Hole Sampling Depths	250 feet to total depth of pilot hole, every 10 feet in sands
Geophysical Logging Firms:	Baker Hughes, Halliburton, RECON, Schlumberger or Weatherford
Geophysical Logs to Perform	Dual Induction (Resistivity) with Gamma Ray Log & Spontaneous Potential Log, Density Porosity & Neutron Porosity Logs, Spectral Gamma Ray Log
Pilot Hole Water Sampling	Include 5 temporary test well water samples in base bid & add/deduct per each sample
Conductor Casing Diameter/Thickness	24 inches, 0.500-inch Wall Thickness (WT); alternate 20 inches; 0.500-inch WT
Conductor Casing/Blank Liner Material (Carbon Steel Pipe)	Electric Resistance Welded (ERW) pipe; API Spec 5L, ASTM A53 Grade B or better Meet AWWA A100 & TCEQ Ch. 290, Subchapter D, Section 290.41 (c)(3)(B) standards
Casing Cementing/Sealing Method	Meet AWWA A100 & TCEQ Ch. 290, Subchapter D, Section 290.41 (c)(3)(C) standards
Reamed Hole Diameter for Casing	30 inches for 24-inch well casing; 26 inches for Alternate 20-inch well casing
Blank Liner Diameter/Pipe Thickness	18 inches, 0.500-inch Wall Thickness (WT); Alternate 14 inches, 0.500-inch WT
Well Screen Diameter/Pipe Thickness	18 inches, 0.500-inch Wall Thickness (WT); Alternate 14 inches, 0.500-inch WT
Minimum Underream Diameter	min. 28"-30" for 18-inch screen & blank liner; min. 24"-26" for Alt. 14-inch screen & liner
Well Screen Type	Pipe base stainless steel wire-wrapped screen on blank liner pipe with round drilled holes
Gravel Pack Supplier	PW Gillibrand (Brady, Texas plant); or PFS Aggregates (Voca, Texas plant) only
Top of Blank Liner (Lap); Total Depth	320 feet; Total depth 690 feet
Conductor Casing Setting & Length	400 feet; total conductor casing length 403 feet (+ 3 feet above ground to 400 feet)
Blank Liner Interval & Length	320 to 690 feet; total blank liner length of 250 feet (including lap section of 80 feet)
Well Screen Interval & Screen Length	405 to 680 feet; total screen length of 120 feet, includes 10 feet development screen
Well Pumping Capacity Guarantee	1,000 gpm
Well Specific Capacity Guarantee	7.5 (min. 5.5) gallons per minute per foot of drawdown (1-hour) at 1,000 gpm
Well Efficiency Requirement	Minimum 75 percent, if the minimum well specific capacity is not met
Suspended Solids (Sand) Content (using Rossum sand sampler)	Average not more than 5 mg/L of suspended solids in 2-hour pumping cycle at 1,000 gpm & all lower rates; measure suspended solids w/ Rossum sampler installed on discharge piping
Step Test Pumping Rates (4)	600, 800, 1,000 & 1,200 gallons per minute (gpm)
Continuous Pumping Test Rate	1,000 gpm; 36-hour continuous pumping period with min. 12-hour water level recovery
Public Supply/Industrial Well Data	New Earth Compost Well 2: 6" x 6", 260'-740' (270'), 180', 3.8 gpm/ft 300 gpm 1/2021 PFP Technology Well: 5" x 2-1/2", 394'-414' (20'), 200', 10? gpm/ft 100+ gpm 8/2010 PFP Technology Well: 5" x 2-1/2", 360'-390' (30'), 196', jetted 100? gpm 10/2014
Well Pump Equipment Parameters	
Pump Bowl Design Rate; Type of Pump	1,000 gpm; Vertical turbine line shaft pump
Total Dynamic Head (TDH) (at Design Rate of 500 to 1,000 gpm)	500 feet = 210' (est. static) + 175' (drawdown) + 35' (seasonal change) + 40' (future change) + 10' (pump column loss) + 30' (above ground head pump into GST)
Alternate Pump Design Rate & TDH	Alternate 500 gpm at 410 feet TDH; 750 gpm at 460 feet TDH
Static Water Level	210 to 245 feet, estimated seasonal static water level fluctuation
Pump Bowl Manufacturers	American Turbine, Floway, Flowsolve, Goulds (Xylem), National Pump or Approved Equal
Pump Bowl Efficiency Requirement	Minimum 79 percent at the pump design point
Pump Bowl Diameter & Lateral	Maximum diameter of 12 inches; Minimum bowl lateral of 0.75 inch
Pump Bowl Depth Setting	540 feet
Pump Column Assembly -	10 (column pipe) x 3 (oil tubing) x 1-15/16 (line shaft) inches Alternate 8 (column pipe) x 3 (oil tubing) x 1-15/16 (line shaft) inches
Pump Column Pipe Thickness	10-inch column pipe, 0.500 inch base bid; Alternate 8-inch column pipe, 0.500 inch

6/05/2023

**Waller County MUD 48 - Water Well 1
Well, Pump & Motor Parameters**

1,000 gpm Well Pump Design Rate

Well Motor Equipment Parameters

Well Motor Sizing & Type (1,000 gpm Pump Design Rate)	200 Hp Base bid; Alternate bid well motor sizings 100 Hp, 150 Hp & 250 Hp Totally Enclosed Fan Cooled (TEFC)
Motor Starter / MCC & Electrical Equipment & Controls Sizing	Base Bid 250 Hp motor starter & electrical equipment, controls, wiring sized accordingly Alternate 150 Hp motor starter & electrical equipment, controls, wiring sized accordingly
Motor Phase, Voltage, Frequency, Speed	3-phase, 460 volts, 60 hertz, 1,770 - 1,800 rpm



December 21, 2023

Bluebonnet Groundwater Conservation District
1903 Dove Crossing, Suite A
P.O. Box 269
Navasota, Texas 77868

Re: **WCMUD No. 48 Water Conservation Plan and Drought Contingency Plan**
Water Plant No. 1 Regulatory Review Submittal
BGE Job No. 11081-00

To whom it may concern:

Waller County Municipal Utility District No.48 (the “District”) was created by the Texas Legislature during the 2023 session. The District is in the beginning stages of organization and has yet to adopt a Water Conservation Plan or Drought Contingency Plan.

The District will comply with Bluebonnet Groundwater Conservation District’s “District Manage Plan” and all rules, policies and Board actions when creating and adopting the District’s Water Conservation and Drought Contingency Plans.

Should you have any questions or need additional information, please contact me at 281-558-8700 or by email at fbanes@bgeinc.com.

Sincerely,

A handwritten signature in blue ink that reads "Fren Mark L. Banes".

Fren-Mark L. Banes, PE
District Engineer
TBPE Registration No. F-1046

cc: Katie Sherborne – Allen Boone Humphries Robinson LLP
Houman Samanian – Ersa Grae Corporation
BGE, Inc.

POLLUTION HAZARDS STUDY FOR WALLER COUNTY MUD 48 WATER PLANT 1



Prepared by:



AGS

Advanced Groundwater Solutions, LLC

December 6, 2023



December 6, 2023

Mr. Kenyon Hunt, P.E.
Senior Project Manager
BGE, Inc.
10777 Westheimer, Suite 400
Katy, Texas 77042
KHunt@bgeinc.com
AValencia@bgeinc.com

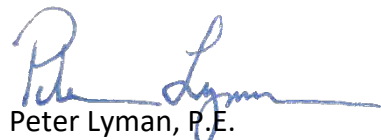
Dear Mr. Hunt:


Attached is the pollution hazards study for Waller County Municipal Utility District (MUD) 48 Water Plant 1. Based on the information reviewed by Advanced Groundwater Solutions, LLC (AGS), the AGS field reconnaissance, and information provided by BGE, Inc. (BGE, Engineer), no obvious pollution hazard was found in the vicinity of the planned District Water Plant 1 and Well 1 site except for an abandoned Exxon oil and/or gas wellhead and generator that was identified 765 to 865 feet northeast of the planned well site.

BGE reported that two pipeline easements are adjacent to the planned District Water Plant 1 site along the east and west property line. Waller County MUD No. 48 Water Plant No. 1 Overall Site Plan (Sheet 5 of 30) provided by BGE (Appendix A) shows that the planned District Well 1 and Well 2 wellheads are at least 150 feet away from the pipeline easements to the east and west of the planned District well sites. Based on the available information reviewed by AGS and the AGS field reconnaissance, no existing pipeline is believed to be present in either pipeline easement.

Please do not hesitate to contact us if there are any questions concerning our report.

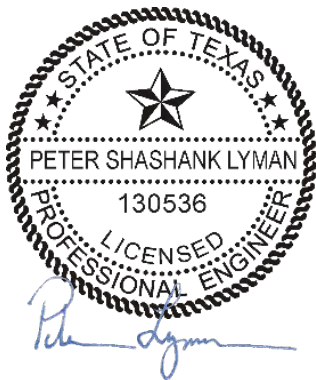
Sincerely,
Advanced Groundwater Solutions, LLC


Peter Lyman, P.E.
Project Engineer


John W. Nelson, P.E.
Principal Hydrogeologist

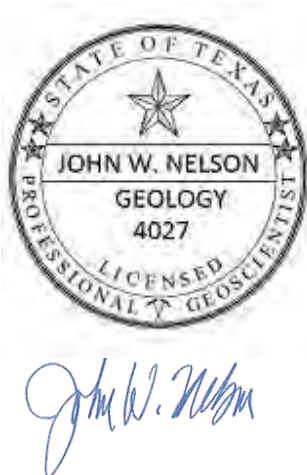
Pollution Hazards Study Report for Waller County MUD 48 Water Plant 1

Engineer's Seal:



Peter Lyman, P.E.
Project Engineer

Geoscientist's Seal:



John W. Nelson, P.G.
Principal Hydrogeologist

The seals appearing on this document were authorized
by Peter Lyman, P.E. (P.E. 130536) &
John W. Nelson, P.G. (P.G. 4027) on 12/06/2023.
Advanced Groundwater Solutions, LLC
TBPE Firm Registration No. 22749
TBPG Firm Registration No. 50639

Table of Contents

Introduction	1
Data Collection.....	1
Environmental Data Review.....	1
Water Well Data Review	2
Oil and Gas Well and Test Hole Data Review.....	3
Exxon Corporation Easements	4
Summary of Field Reconnaissance.....	4
TCEQ Pollution Hazards Checklist	5
Summary and Conclusions.....	6

List of Appendices

Appendix A	Maps and Aerial Imagery
Appendix B	TCEQ Rules and Regulations for Public Water Systems
Appendix C	EDR Radius Map Report
Appendix D	Water Well Report
Appendix E	Oil and Gas Well Records
Appendix F	Field Notes and Photographs

Introduction

Waller County Municipal Utility District (MUD) 48 (District) Water Plant 1 Well 1 (Well 1) and a possible District Well 2 are planned to be constructed at the Water Plant 1 site to provide a water supply for the District. This report provides information on our review of available environmental data within approximately 0.25-mile of the planned District water plant and well site. The District Water Plant 1 site is located in southeast Waller County, west of the intersection of Stockdick Road and Farm to Market Road (FM) 2855. The approximate location of the District water plant and well site is shown on the attached location map, aerial map, 1980 topographic map, 2022 topographic map and a Waller County MUD No. 48 Water Plant No. 1 Overall Site Plan (Sheet 5 or 30) provided by BGE, Inc. (Engineer), which are included in Appendix A. The approximate locations of the planned District water plant and well site, existing pipeline easements, oil or gas wells and major and minor roads are shown on one or more of the attached maps.

Advanced Groundwater Solutions, LLC (AGS) worked to assist the Engineer to evaluate if there are any obvious pollution hazards located within an approximate 0.25-mile radius of the planned District water plant and well site. AGS has addressed the requirements outlined in Chapter 290, Subchapter D, Section 290.41(c)(1)(A) through 290.41(c)(1)(E) of the TCEQ Rules and Regulations for Public Water Systems, titled Groundwater Sources and Development (Appendix B).

Additional information in the Appendices includes: an environmental data report and supplemental data prepared by Environmental Data Resources, Inc. (EDR) (Appendix C); Water Well Report prepared by Atlas Environmental Research, Inc. (Atlas) (Appendix D); oil and gas (OG) well records (Appendix E); and field notes and photographs (Appendix F).

Data Collection

AGS personnel evaluated information on environmental sites or pollution hazards located within approximately 0.25-mile of the planned District water plant and well site. Data and maps were reviewed for water wells, oil or gas wells or test holes and pipelines located within approximately 0.25-mile of the planned well site. Field reconnaissance work was also performed in the vicinity of the planned water plant and well site.

Environmental Data Review

Information from federal, state and local agencies was reviewed by AGS to determine if one or more environmental sites or pollution hazards exist in the vicinity of the planned District water plant and well site. The environmental information was compiled by EDR and conforms to the relevant search requirements of the United States Environmental Protection Agency (EPA) and standard practices of the American Society of Testing and Materials (ASTM) International. A copy of the EDR report is included in Appendix C. The EDR Radius Map Report includes an Overview Map and Detail Map that show the approximate location of the planned District Well 1 site and any environmental sites, facilities, flood zones and wetlands located within radii of approximately

0.25, 0.5, and 1-mile of the site. The search distances or radii used for the EDR report range from 0.25-mile to 1-mile. A search distance of more than 0.25 mile is not necessary to address the TCEQ minimum public water supply well spacing requirements.

The Overview Map and Detail Map in the EDR report identified one pipeline corridor within 1-mile from the planned well site but outside of the 0.5-mile radius. Based on the well site Zip Code (77423) and other information, the EDR search identified zero mapped environmental sites in the Executive Summary (Executive Summary Page 8) and four unmapped environmental sites in the Orphan Summary (Page 9), which are Twinwood Composting, an unnamed site, Briscoe Maphis Genstar Solid Waste and City of Brookshire and these four unmapped sites are located more than 0.25-mile from the planned District water plant and well site.

Personnel with AGS had communications with personnel with the Engineer regarding pollution hazards located in the vicinity of the well site. According to the Engineer, based on their current knowledge: 1) they are not aware of any existing or planned sanitary or storm sewer lines within 50 feet of planned District Well 1; 2) they are not aware of any lift stations or other sewer facilities located within the applicable TCEQ minimum distances from the planned Well 1 wellhead; 3) the planned Well 1 and Well 2 wellhead locations are at least 150 feet away from the pipeline easements to the east and west of the planned well sites; and 4) they are aware of an abandoned Exxon oil and/or gas wellhead that is within a 0.25 mile radius of the planned District Water Plant 1 and Well 1 site.

Based on the environmental and other information reviewed during this study and the field reconnaissance, AGS believes the four orphan and unmapped sites identified by EDR are located more than 0.25-mile from the planned District water plant and well site and do not pose a risk to the groundwater produced from planned District Well 1, considering that Well 1 is designed and constructed to meet the TCEQ, Texas Department of Licensing and Regulation (TDLR), American Water Works Association (AWWA) and other applicable standards and references for public supply water wells and screen sands in the Evangeline Aquifer.

Water Well Data Review

A water well search was performed by Atlas for wells located within approximately 0.25-mile of the planned well site. A copy of the Atlas report is included in Appendix D. Atlas identified zero water wells that are located within approximately 0.25-mile from the planned District Water Plant 1 Well 1 site.

AGS also performed a water well search using the Texas Water Development Board (TWDB) Groundwater Data Viewer and AGS identified zero water wells within a 0.25-mile radius from the planned District Well 1 site.

Oil and Gas Well and Test Hole Data Review

AGS reviewed location data that were obtained from the Railroad Commission of Texas (RRC) for oil or gas wells or test holes located within 0.25-mile of the planned District Water Plant 1 and Well 1 site and three wells were found within 0.25-mile of the planned site. The available RRC records for the oil or gas wells discussed in this section are included in Appendix E.

Exxon Corporation, American Rice Milling Co., Well C-3 (API No. 42-473-00175) was located approximately 425 to 525 feet to the east-northeast of the planned District Well 1 site. The available records for the oil and gas well are included in Appendix E. The well drilling was completed in April 1952 and it produced oil. The records indicate that 9-5/8-inch diameter surface casing was set to a depth of approximately 2,523 feet and 5-1/2-inch diameter intermediate casing was set to a depth of about 6,669 feet. The well was plugged in December and January 1978 and cement plugs were installed in the depth intervals of approximately 6,545 to 6,630 feet (35 sacks of cement), 6,245 to 6,545 feet (35 sacks of cement), 2,210 to 2,570 feet (50 sacks of cement) and 0 to 10 feet (5 sacks of cement). The well also was filled with mud-laden fluid according to the regulations of the Railroad Commission.

Exxon Corporation and later Hilcorp Energy Company, Katy (Cook Mountain 2), Katy Gas Field Consolidated Unit (KGFGU) Well 5103 (API No. 42-473-30036) is located about 1,300 to 1,400 feet to the southwest of the planned District Well 1 site. The available records for the well are included in Appendix E. The well drilling was completed in April 1975 and it produced gas. The Form G-1 indicates that 10-3/4-inch diameter surface casing was set to a depth of about 2,933 feet and cemented with 1,400 sacks and 7-5/8-inch diameter intermediate casing was set to a depth of about 8,036 feet and cemented with 710 sacks. The status of the gas well is active.

Humble Oil & Refining Company and later Exxon Corporation, KGFCU (I-A), Well 4201 or 4201-L (API No. 42-473-00177) was located approximately 1,325 to 1,425 feet to the northeast of the planned District Well 1 site. Available records for the well are included in Appendix E. The gas well permit was issued in December 1942 and the records indicate that 10-3/4-inch diameter surface casing was set to a depth of approximately 2,372 feet and 7-inch diameter intermediate casing was set to a depth of about 7,391 feet. The well was plugged on March 24, 1988 and cement plugs were installed in the depth intervals of approximately 6,143 to 6,567 feet (94 sacks of cement), 2,575 to 2,950 feet (66 sacks of cement), 2,132 to 2,528 feet (65 sacks of cement) and 5 to 15 feet (8 sacks of cement). The well was filled with mud-laden fluid, according to the regulations of the Railroad Commission.

Exxon Corporation, KGFCU Cockfield Upper B, Well 5203 (API No. 42-473-00187) was located approximately 1,525 to 1,625 feet to the south-southeast of the planned District Well 1 site. The available records for the well are included in Appendix E. The well drilling was completed in May 1952 and it produced oil and gas. The records indicate that 9-5/8-inch diameter surface casing was set to a depth of approximately 2,508 feet and 5-1/2-inch diameter intermediate casing was set to a depth of approximately 6,600 feet. The well was plugged in November 1992 and cement

plugs were installed in the depth intervals of approximately 6,200 to 6,315 feet (35 sacks plus 15 sacks of cement), 2,225 to 2,565 feet (55 sacks of cement) and 3 to 30 feet (15 sacks of cement). The well also was filled with mud-laden fluid, according to the regulations of the Railroad Commission.

Exxon Corporation Easements

BGE reported that two pipeline easements are adjacent to planned District Water Plant 1 along the east and west property line. The Waller County MUD No. 48 Water Plant No. 1 Overall Site Plan (Sheet 5 of 30) provided by BGE (Appendix A) shows that the planned Well 1 and Well 2 wellheads are at least 150 feet away from the pipeline easements to the east and west of the planned District Well 1 and Well 2 sites.

The Overview Map and Detail Map in the EDR Report (Appendix C) and the RRC Public GIS Viewer do not show a pipeline within 0.25-mile of the planned District Water Plant 1 site.

Summary of Field Reconnaissance

AGS performed field reconnaissance work at and in the vicinity of the planned District Water Plant 1 and well site on August 4, 2023 and November 17, 2023. Field notes and 14 photographs are included in Appendix F. The field reconnaissance work involved walking the accessible areas in the vicinity of the planned well site area, observing the general conditions in the vicinity of the well site area and searching for any obvious, potential pollution hazards in the vicinity of the well site including but not limited to: environmental sites, sewage treatment plants, sewage wet well or sewage pumping stations, sanitary sewer lines, storm sewer lines, septic tank drain fields, animal feed lots, livestock, pipelines, water wells and oil or gas wells or test holes. Aerial imagery from 2020 is included in Appendix A and field photographs are in Appendix F and both show the areas described in this section.

The planned water plant and well site is located at an existing vacant field that was once used for agriculture and livestock. Photos 1, 2, 3 and 4 show overviews of the planned water plant and well site area to the north, west, south and east, respectively.

Photos 5 and 6 show an abandoned Exxon oil and/or gas wellhead and generator that is an estimated 765 to 865 feet northeast of the planned District Well 1 site. The location of this abandoned oil and/or gas wellhead is plotted on the Aerial Map in Appendix A and does not overlay with the plotted oil and gas well locations in the RRC Public GIS Viewer. AGS recommends that BGE and the District verify if the abandoned well has been plugged.

Photo 7 shows a north-south oriented irrigation canal that is 200 to 300 feet or more west of the planned District Well 1 site. Photos 8 and 9 show the Hilcorp Energy Company (API No. 42-473-30036) signage and gas wellhead that is approximately 1,300 to 1,400 feet southwest of the planned District Well 1 site. Photo 10 shows the abandoned gate that leads to the former oil/gas well pad that is approximately 1,290 to 1,390 feet south-southeast of the planned well site. Photo

11 shows a dirt quarry that is about 0.3 to 0.4-mile north-northwest of the planned well site. Photo 12 shows the location of a plugged gas well that is approximately 1,325 to 1,425 feet northeast of the planned District Well 1 site. Photos 13 and 14 show petroleum and gas pipeline signage for Enterprise and Energy Transfer pipelines that are located within an easement that is located about 0.6-mile east of the planned District Well 1 site.

TCEQ Pollution Hazards Checklist

AGS collected and reviewed environmental data and performed a field reconnaissance to attempt to determine if there are any obvious pollution hazard or environmental site located within a radius of approximately 0.25-mile of the planned well site. AGS focused on the public water supply well siting requirements outlined in Chapter 290, Subchapter D, Sections 290.41(c)(1)(A) through 290.41(c)(1)(E) of the TCEQ Rules and Regulations for Public Water Systems that address groundwater sources and development (Appendix B). Based on available data reviewed, the AGS field reconnaissance and information provided by the Engineer, the following summarizes our evaluation regarding the TCEQ sections that address pollution hazards for a public groundwater source or public water supply well.

1. Section 290.41(c)(1)(A)

No tile or concrete sanitary sewer, sewerage appurtenance, septic tank, storm sewer or cemetery was found within 50 feet of the planned well location. No septic tank perforated drain field, areas irrigated by low dosage, low angle spray on-site sewage facility, absorption bed, evapotranspiration bed, improperly constructed water well or underground petroleum or chemical storage tank or liquid petrochemical transmission facility or pipeline was found within 150 feet of the planned District Well 1 location.

2. Section 290.41(c)(1)(B)

No sewage wet well or sewage pumping station or drainage ditch containing industrial waste discharge or waste from sewage treatment was found within 300 feet of the planned well location. No sewage treatment plant was found within 500 feet of the planned District Well 1 location.

3. Section 290.41(c)(1)(C)

No animal feed lot, solid waste disposal site, land on which sewage plant or septic tank sludge is applied or land irrigated by sewage plant effluent was found within 500 feet of the planned District Well 1 location.

4. Section 290.41(c)(1)(D)

No livestock was found within 50 feet of the planned District Well 1 location.

5. Section 290.41(c)(1)(E)

Based on the environmental data and maps reviewed and the field reconnaissance, no landfill or dump site, animal feedlot, military facility, industrial facility, wood-treatment facility, liquid petroleum and petrochemical production, storage and transmission facility, Class 1, 2, 3, 4 or 5 injection well or pesticide storage or mixing facility was found within 0.25-mile of the planned District Well 1 location.

One oil well and two gas wells were identified within approximately 0.25-mile of the planned District Water Plant 1 site and the oil and gas well records are included in Appendix E. The records indicate that the two wells have been plugged and one well is still active.

During the field reconnaissance, an abandoned Exxon oil and/or gas wellhead and generator were observed approximately 765 to 865 feet northeast of the planned District Well 1 site. The location of this abandoned oil and/or gas wellhead is plotted on the Aerial Map in Appendix A and does not overlay with plotted oil and gas well locations in the RRC Public GIS Viewer. AGS recommends that BGE and the District verify if the abandoned well has been plugged.

Summary and Conclusions

The pollution hazards study was performed to identify any obvious pollution hazards or environmental sites located within a radius of approximately 0.25-mile of the planned District Water Plant 1 and Well 1 site. This report addresses the public water supply well siting requirements outlined in Chapter 290, Subchapter D, Sections 290.41(c)(1)(A) through 290.41(c)(1)(E) of the TCEQ Rules and Regulations for Public Water Systems that relate to groundwater sources and development (Appendix B). No pollution hazards were found to be located within the minimum well siting distance requirements outlined in the TCEQ rules except for an abandoned Exxon oil and/or gas wellhead that is located approximately 765 to 865 feet northeast of the planned District Well 1 site.

The Engineer reported that: 1) they are not aware of any existing or planned sanitary or storm sewer lines within 50 feet of the planned water well; 2) they are not aware of any lift stations or other sewer facilities located within the applicable TCEQ minimum distances from the planned District Well 1 and Well 2 wellheads; 3) the planned Well 1 and Well 2 wellhead locations are at least 150 feet away from the pipeline easements to the east and west of the planned well sites; and 4) they are aware of an abandoned Exxon oil and/or gas wellhead that is within a 0.25 mile radius of the planned District Water Plant 1 and Well 1 site.


The well specifications for District Well 1 are designed to meet Texas Department of Licensing and Regulation (TDLR) and TCEQ rules and requirements for a public supply well. The Waller County MUD 48 Well 1 design is for the surface casing to be set to a preliminary estimated depth of approximately 400 feet or possibly deeper. The planned construction of Well 1 with steel conductor casing set to a preliminary estimated depth of 400 feet, pressure cementing of the

steel well casing from its total depth to land surface, the presence of thick, low permeability clays and other sediments in the subsurface above the well screen depths in the Evangeline Aquifer and the above ground, well and pump foundation and sealed wellhead should serve to protect the groundwater pumped from the new public supply well.

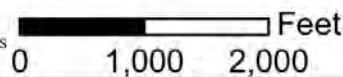
Appendix A
Maps and Aerial Imagery



EXPLANATION

-  Planned Water Plant 1 and Well Site

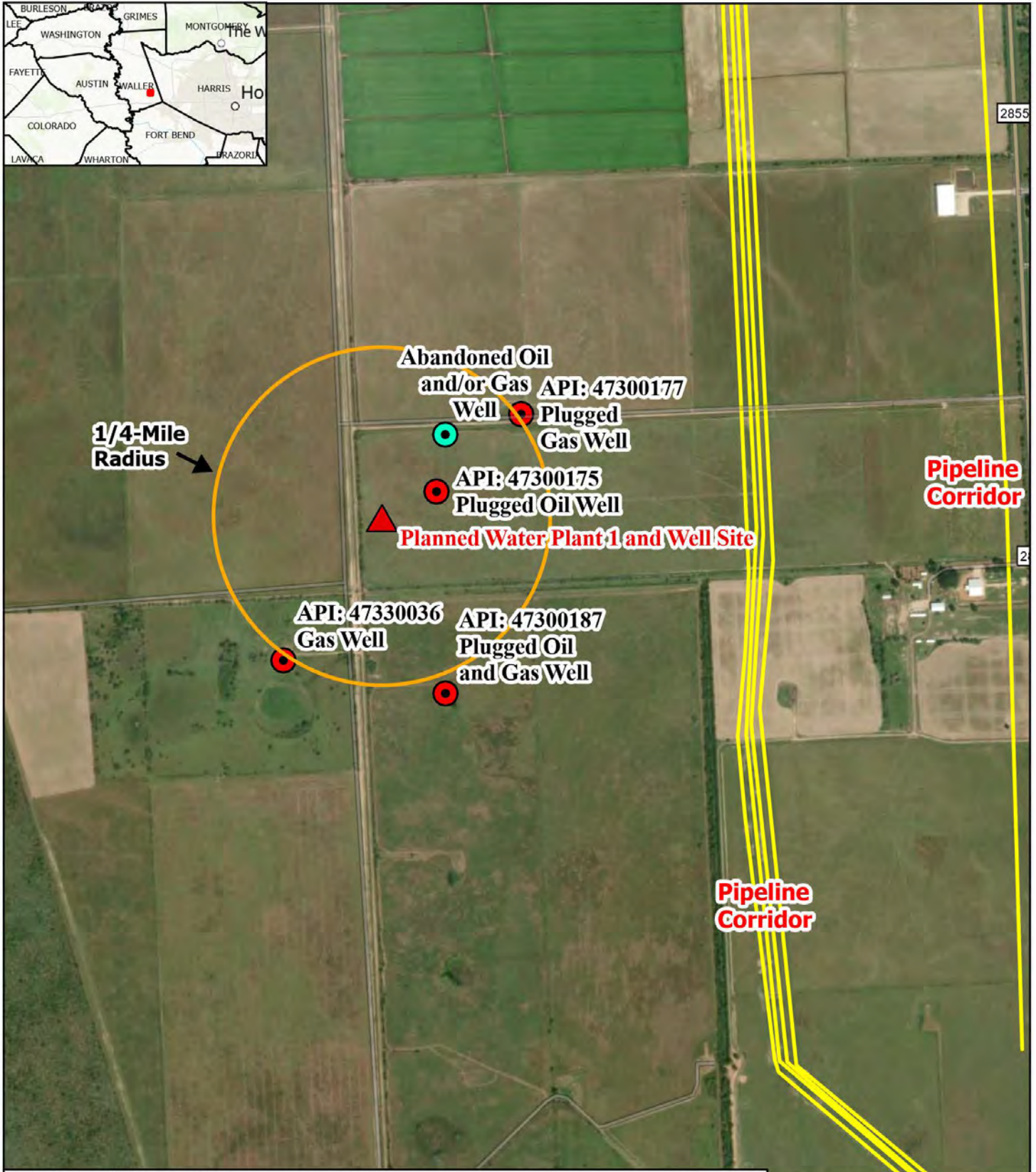
12/2023



Location Map



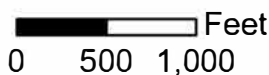
Baylor University, Texas Parks & Wildlife, CONANP, Esri, HERE, Garmin, FAO, NOAA, USGS, EPA, NPS, Baylor University, City of Houston, HPB, Texas Parks & Wildlife, CONANP, Esri, HERE, Garmin, Foursquare, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, Esri, USGS



EXPLANATION

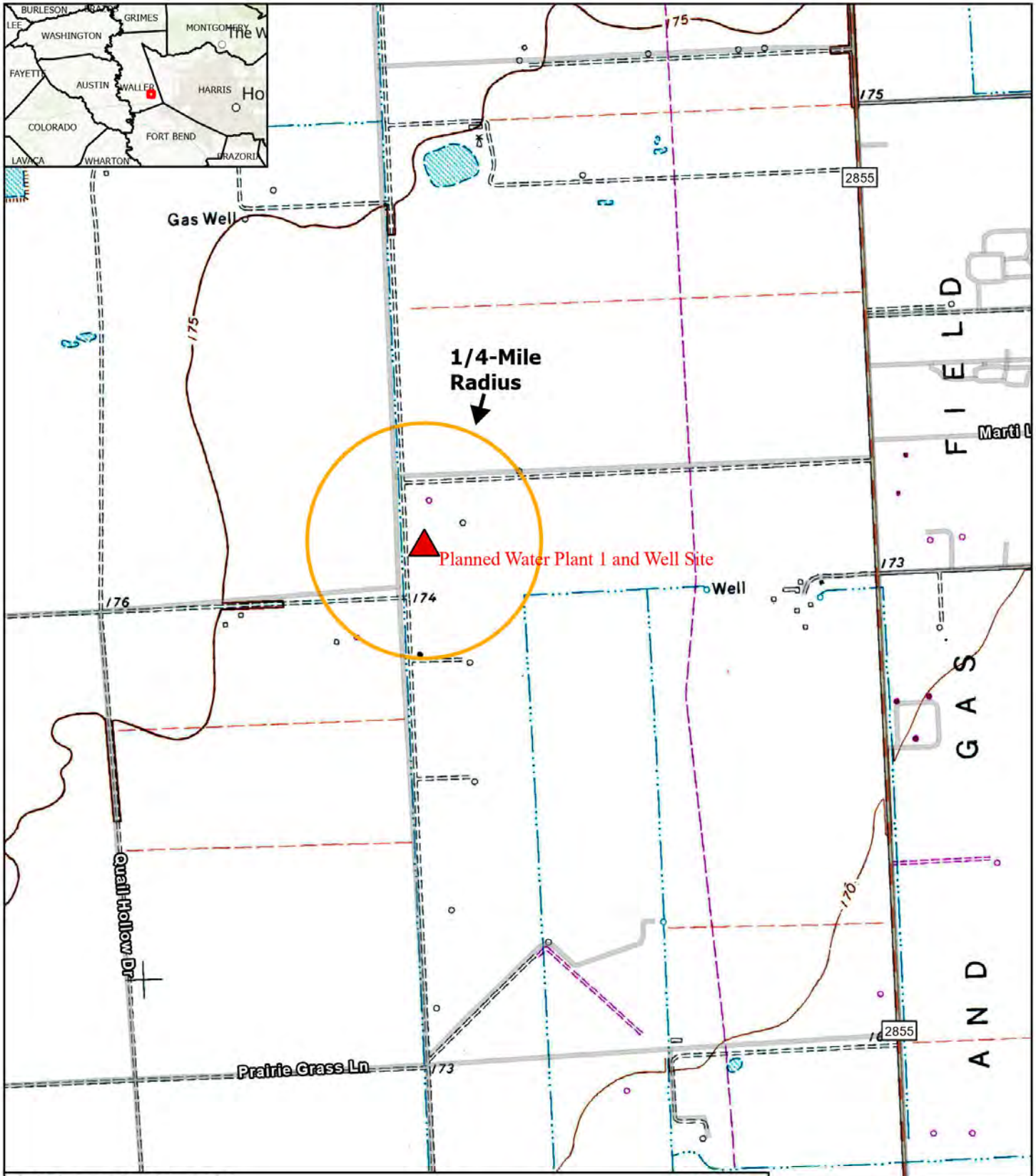
- ▲ Planned Water Plant 1 And Well Site
- Oil & Gas Well
- Potential Oil/Gas Well
- Abandoned Well Found In Field

12/2023





Aerial Map

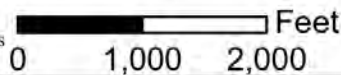




EXPLANATION

12/2023

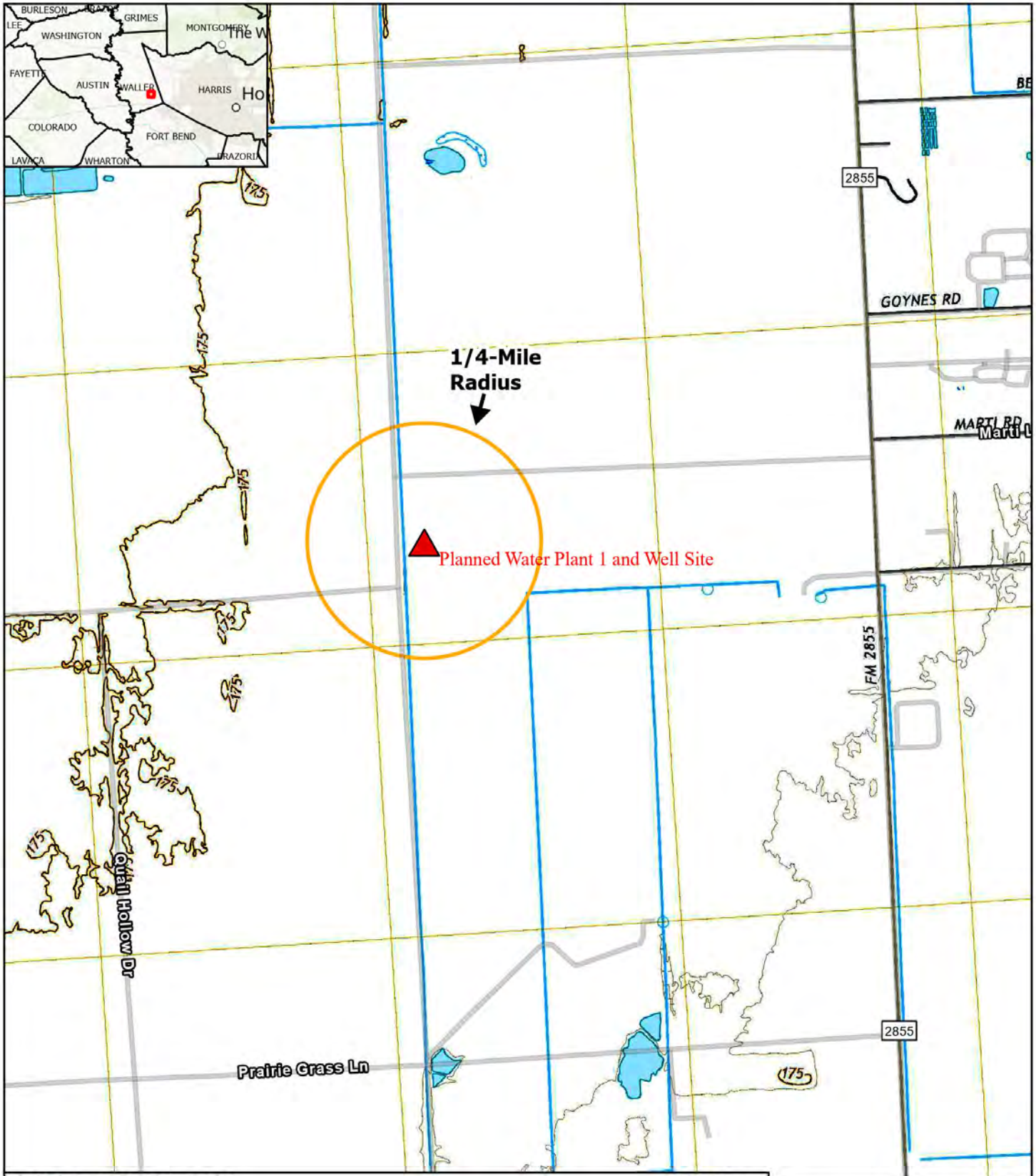
-  Planned Water Plant 1 and Well Site
-  Potential Oil/Gas Well



**Topographic Map
Brookshire, TX (1980)**





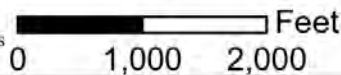
Baylor University, Texas Parks & Wildlife, CONANP, Esri, HERE, Garmin, FAO, NOAA, USGS, EPA, NPS, Baylor University, City of Houston, HPB, Texas Parks & Wildlife, CONANP, Esri, HERE, Garmin, Foursquare, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, Esri, USGS, Maxar



EXPLANATION

12/2023

-  Planned Water Plant 1 and Well Site
-  Potential Oil/Gas Well

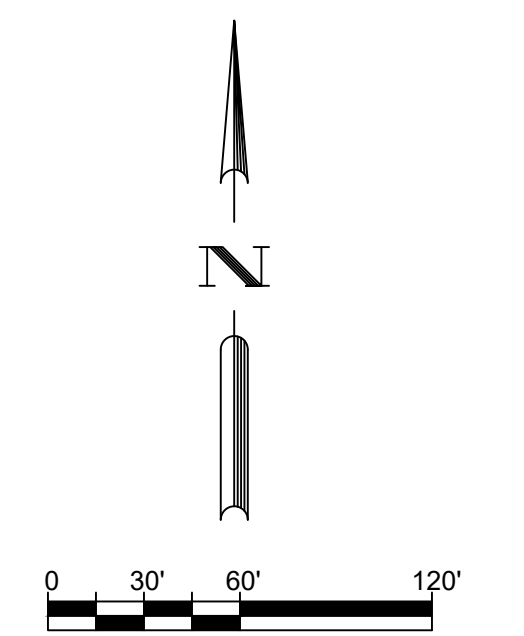
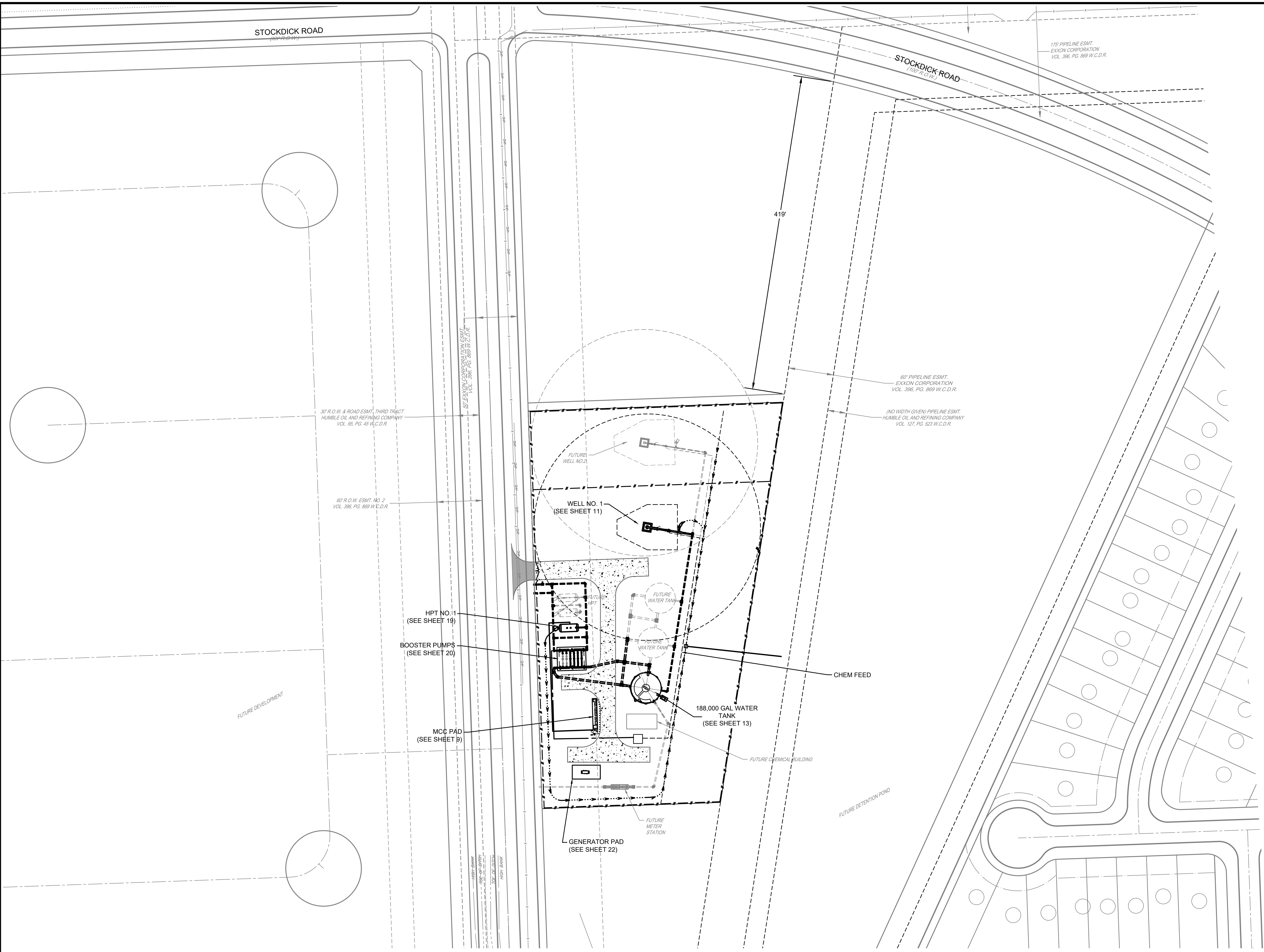


**Topographic Map
Brookshire, TX (2022)**






Baylor University, Texas Parks & Wildlife, CONANP, Esri, HERE, Garmin, FAO, NOAA, USGS, EPA, NPS, Baylor University, City of Houston, HPB, Texas Parks & Wildlife, CONANP, Esri, HERE, Garmin, Foursquare, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, Esri, USGS, Maxar


G:\T\H\Projects\districts\WCMUD48\1081-00-water_plant_pn\PW\01_CADD\01_Shts\001C-SP\Site.dwg Nov 08, 2023-10:53am tshumpert



LEGEND

-  PROPOSED CONCRETE PVMT. (SEE DETAIL SHEET 25)
-  PROPOSED SIDEWALK (SEE DETAIL SHEET 25)
-  PROPOSED WOOD FENCE (SEE DETAIL SHEET 28)

NO.	DATE	REVISION	APP.

DATE: AUGUST 2023	DESIGNED BY: K.H. DRAWN BY: SM
JOB NUMBER: 11509-00	
 BGE, Inc. 10777 Westheimer, Suite 400 Houston, TX 77042 Tel: 281-558-8700 • www.bgeinc.com TBPE Registration No. F-1046	FOR INTERIM REVIEW ONLY DOCUMENT INCOMPLETE: NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES KENYON SCOTT HUNT TEXAS REGISTRATION NO. 113707 11/8/2023
WALLER COUNTY MUD NO. 48 WATER PLANT NO. 1	
OVERALL SITE PLAN	
CITY OF HOUSTON HOUSTON PUBLIC WORKS	
DRAWING SCALE: 1"=60'	
SHEET NO. 5 OF 30	
FOR CITY OF HOUSTON USE ONLY	

Appendix B

TCEQ Rules and Regulations for Public Water Systems



RG-195
Revised December 2019

Rules and Regulations for Public Water Systems

§290.41 Water Sources

§290.41(a) Water quality. The quality of water to be supplied must meet the quality criteria prescribed by the commission's drinking water standards contained in Subchapter F of this chapter (relating to Drinking Water Standards Governing Drinking Water Quality and Reporting Requirements for Public Water Systems).

§290.41(b) Water quantity. Sources of supply, both ground and surface, shall have a safe yield capable of supplying the maximum daily demands of the distribution system during extended periods of peak usage and critical hydrologic conditions. The pipelines and pumping capacities to treatment plants or distribution systems shall be adequate for such water delivery. Minimum capacities required are specified in §290.45 of this title (relating to Minimum Water System Capacity Requirements).

§290.41(b)(1) A retail public utility as defined by Texas Water Code, §13.002(19) and each entity from which the utility is obtaining wholesale water service for the utility's retail system shall report to the executive director when the utility or entity is reasonably certain that the water supply will be available for less than 180 days. The reporting must be accomplished by utilizing the online "PWS Drought Contingency Plan Reporting Form."

§290.41(b)(2) If reporting cannot be accomplished in accordance with paragraph (1) of this subsection, then the retail public utility or entity from which the utility is obtaining wholesale water service may report to the executive director by United States Postal Service mail, program e-mail, or facsimile.

§290.41(c) Groundwater sources and development.

§290.41(c)(1) Groundwater sources shall be located so that there will be no danger of pollution from flooding or from unsanitary surroundings, such as privies, sewage, sewage treatment plants, livestock and animal pens, solid waste disposal sites or underground petroleum and chemical storage tanks and liquid transmission pipelines, or abandoned and improperly sealed wells.

§290.41(c)(1)(A) No well site which is within 50 feet of a tile or concrete sanitary sewer, sewerage appurtenance, septic tank, storm sewer, or cemetery; or which is within 150 feet of a septic tank perforated drainfield, areas irrigated by low dosage, low angle spray on-site sewage facilities, absorption bed, evapotranspiration bed, improperly constructed water well, or underground petroleum and chemical storage tank or liquid transmission pipeline will be acceptable for use as a public drinking water supply. Sanitary or storm sewers constructed of ductile iron or polyvinyl chloride (PVC) pipe meeting American Water Works Association (AWWA) standards, having a minimum working pressure of 150 pounds per square inch (psi) or greater, and equipped with pressure type joints may be located at distances of less than 50 feet from a proposed well site, but in no case shall the distance be less than ten feet.

§290.41(c)(1)(B) No well site shall be located within 500 feet of a sewage treatment plant or within 300 feet of a sewage wet well, sewage pumping station, or a drainage ditch which contains industrial waste discharges or the wastes from sewage treatment systems.

§290.41(c)(1)(C) No water wells shall be located within 500 feet of animal feed lots, solid waste disposal sites, lands on which sewage plant or septic tank sludge is applied, or lands irrigated by sewage plant effluent.

§290.41(c)(1)(D) Livestock in pastures shall not be allowed within 50 feet of water supply wells.

§290.41(c)(1)(E) All known abandoned or inoperative wells (unused wells that have not been plugged) within 1/4-mile of a proposed well site shall be reported to the commission along with existing or potential pollution hazards. These reports are required for community and nontransient, noncommunity groundwater sources. Examples of existing or potential pollution hazards which may affect groundwater quality include, but are not limited to: landfill and dump sites, animal feedlots, military facilities, industrial facilities, wood-treatment facilities, liquid petroleum and petrochemical production, storage, and transmission facilities, Class 1, 2, 3, 4, and 5 injection wells, and pesticide storage and mixing facilities. This information must be submitted prior to construction or as required by the executive director.

§290.41(c)(1)(F) A sanitary control easement or sanitary control easements covering land within 150 feet of the well, or executive director approval for a substitute authorized by this subparagraph, shall be obtained.

§290.41(c)(1)(F)(i) The sanitary control easement(s) secured shall provide that none of the pollution hazards covered in subparagraphs (A) - (E) of this paragraph, or any facilities that might create a danger of pollution to the water to be produced from the well, will be located thereon.

§290.41(c)(1)(F)(ii) For the purpose of a sanitary control easement, an improperly constructed water well is one which fails to meet the surface and subsurface construction standards for public water supply wells. Residential type wells within a sanitary control easement must be constructed to public water well standards.

§290.41(c)(1)(F)(iii) A copy of the recorded sanitary control easement(s) shall be included with plans and specifications submitted to the executive director for review.

Appendix C
EDR Radius Map Report

Waller County MUD 48 Water Plant 1 Well 1

West of Stockdick Rd and FM 2855

Katy, TX 77493

Inquiry Number: 7499762.2s

November 16, 2023

The EDR Radius Map™ Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	9
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

GeoCheck - Not Requested

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. **NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA) INFORMATION PROVIDED IN THIS REPORT.** Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2023 by Environmental Data Resources, LLC. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, LLC, or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

WEST OF STOCKDICK RD AND FM 2855
KATY, TX 77493

COORDINATES

Latitude (North): 29.8467810 - 29° 50' 48.41"
Longitude (West): 95.9063640 - 95° 54' 22.91"
Universal Transverse Mercator: Zone 15
UTM X (Meters): 219191.5
UTM Y (Meters): 3305174.8
Elevation: 173 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 50018462 BROOKSHIRE, TX
Version Date: 2022

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20201030
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
WEST OF STOCKDICK RD AND FM 2855
KATY, TX 77493

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
--------	-----------	---------	-------------------	--------------------	----------------------------

NO MAPPED SITES FOUND

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL..... National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS..... Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System

EXECUTIVE SUMMARY

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

SHWS..... State Superfund Registry

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF..... Permitted Solid Waste Facilities
CLI..... Closed Landfill Inventory
WASTE MGMT..... Commercial Hazardous & Solid Waste Management Facilities

Lists of state and tribal leaking storage tanks

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
LPST..... Leaking Petroleum Storage Tank Listing
RDR..... Release Determination Report Listing

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing
UST..... Petroleum Storage Tank Database
AST..... Petroleum Storage Tank Database
INDIAN UST..... Underground Storage Tanks on Indian Land
TANKS..... Petroleum Storage Tanks Listing

State and tribal institutional control / engineering control registries

AUL..... Sites with Controls

Lists of state and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Database
INDIAN VCP..... Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

BROWNFIELDS..... Brownfields Site Assessments

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY..... Recycling Facility Listing
HIST LF..... Historical Information About Municipal Solid Waste Facilities

EXECUTIVE SUMMARY

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
CDL..... CDL
PRIORITYCLEANERS..... Dry Cleaner Remediation Program Prioritization List
DEL SHWS..... Deleted Superfund Registry Sites
US CDL..... National Clandestine Laboratory Register
CENTRAL REGISTRY..... CENTRAL REGISTRY

Local Lists of Registered Storage Tanks

NON REGIST PST..... Petroleum Storage Tank Non Registered

Local Land Records

HIST LIENS..... Environmental Liens Listing
LIENS..... Environmental Liens Listing
LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Spills Database
SPILLS 90..... SPILLS 90 data from FirstSearch
SPILLS 80..... SPILLS 80 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated
FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PRP..... Potentially Responsible Parties
PADS..... PCB Activity Database System
ICIS..... Integrated Compliance Information System
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS..... Material Licensing Tracking System
COAL ASH DOE..... Steam-Electric Plant Operation Data
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER..... PCB Transformer Registration Database

EXECUTIVE SUMMARY

RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
MINES MRDS.....	Mineral Resources Data System
ABANDONED MINES.....	Abandoned Mines
FINDS.....	Facility Index System/Facility Registry System
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
ECHO.....	Enforcement & Compliance History Information
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
PFAS NPL.....	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES.....	Federal Sites PFAS Information
PFAS TSCA.....	PFAS Manufacture and Imports Information
PFAS TRIS.....	List of PFAS Added to the TRI
PFAS RCRA MANIFEST.....	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR.....	PFAS Contamination Site Location Listing
PFAS WQP.....	Ambient Environmental Sampling for PFAS
PFAS NPDES.....	Clean Water Act Discharge Monitoring Information
PFAS ECHO.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAINING.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT.....	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC.....	Aqueous Foam Related Incidents Listing
BIOSOLIDS.....	ICIS-NPDES Biosolids Facility Data
PFAS.....	PFAS Contamination Site Location Listing
AQUEOUS FOAM.....	AFFF Sites Listing
AIRS.....	Current Emission Inventory Data
APAR.....	Affected Property Assessment Report Site Listing
ASBESTOS.....	ASBESTOS
COAL ASH.....	Coal Ash Disposal Sites
DRYCLEANERS.....	Drycleaner Registration Database Listing
ED AQUIF.....	Edwards Aquifer Permits
ENF.....	Notice of Violations Listing
Financial Assurance.....	Financial Assurance Information Listing
GCC.....	Groundwater Contamination Cases
IOP.....	Innocent Owner/Operator Program
LEAD.....	LEAD
Ind. Haz Waste.....	Industrial & Hazardous Waste Database
MSD.....	Municipal Settings Designations Database
NPDES.....	NPDES Facility List
RWS.....	Radioactive Waste Sites
TIER 2.....	Tier 2 Chemical Inventory Reports
UIC.....	Underground Injection Wells Database Listing
IHW CORR ACTION.....	Industrial and Hazardous Waste Corrective Action Information
PST STAGE 2.....	PST Stage 2

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List
RGA LF..... Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

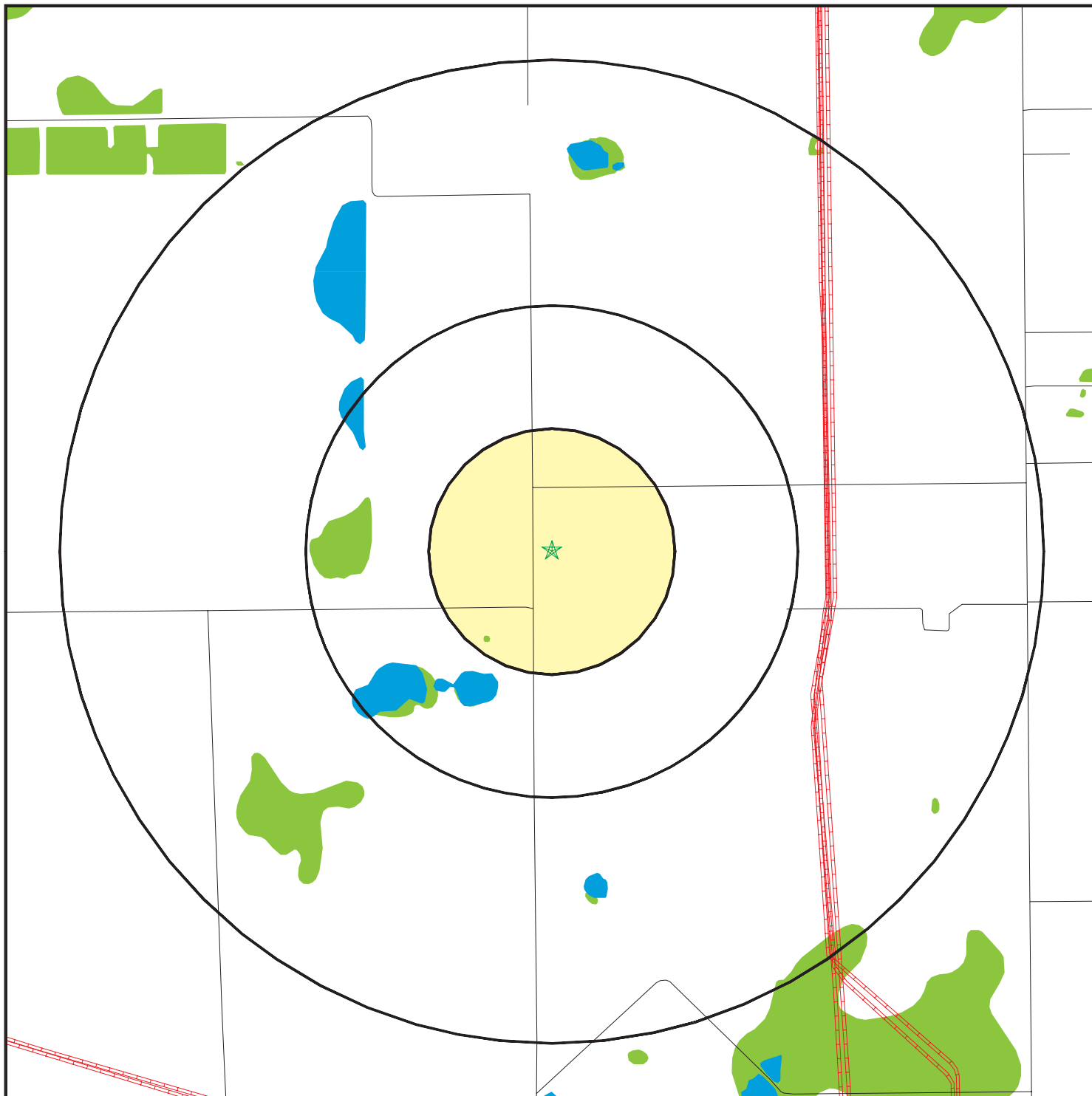
Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 4 records.

<u>Site Name</u>	<u>Database(s)</u>
TWINWOOD COMPOSTING	SWF/LF
BRISCOE MAPHIS GENSTAR SOLID WASTE	SWF/LF
	VCP
CITY OF BROOKSHIRE	CLI

OVERVIEW MAP - 7499762.2S



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- ☒ National Priority List Sites
- ☒ Dept. Defense Sites

- ☒ Indian Reservations BIA
- 🔴 Pipelines
- 🟢 National Wetland Inventory
- 🟡 State Wetlands

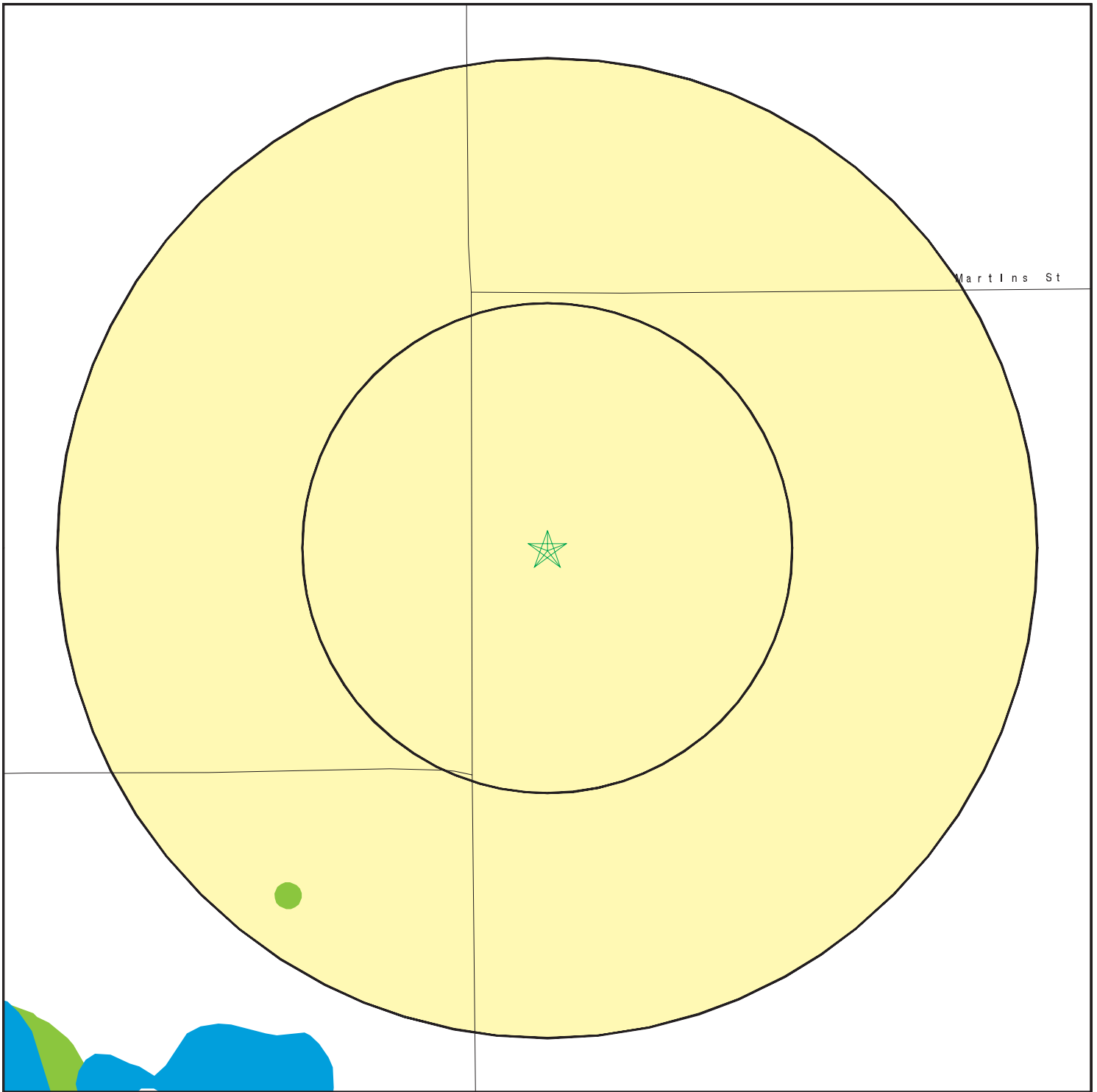


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Waller County MUD 48 Water Plant 1 Well 1
 ADDRESS: West of Stockdick Rd and FM 2855
 Katy TX 77493
 LAT/LONG: 29.846781 / 95.906364

CLIENT: Advanced Groundwater Solutions, LLC
 CONTACT: Peter Lyman
 INQUIRY #: 7499762.2s
 DATE: November 16, 2023 2:52 pm

DETAIL MAP - 7499762.2S



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- Sensitive Receptors
- ▨ National Priority List Sites
- ▨ Dept. Defense Sites

- ▨ Indian Reservations BIA
- National Wetland Inventory
- State Wetlands



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Waller County MUD 48 Water Plant 1 Well 1
 ADDRESS: West of Stockdick Rd and FM 2855
 Katy TX 77493
 LAT/LONG: 29.846781 / 95.906364

CLIENT: Advanced Groundwater Solutions, LLC
 CONTACT: Peter Lyman
 INQUIRY #: 7499762.2s
 DATE: November 16, 2023 2:53 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.250		0	0	NR	NR	NR	0
<i>Lists of state- and tribal (Superfund) equivalent sites</i>								
SHWS	1.000		0	0	0	0	NR	0
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
CLI	0.500		0	0	0	NR	NR	0
WASTE MGMT	0.250		0	0	NR	NR	NR	0
<i>Lists of state and tribal leaking storage tanks</i>								
INDIAN LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LPST	0.500		0	0	0	NR	NR	0
RDR	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
TANKS	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
AUL	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
SWRCY	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	0.250		0	0	NR	NR	NR	0
CDL	0.250		0	0	NR	NR	NR	0
PRIORITYCLEANERS	0.500		0	0	0	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	0.250		0	0	NR	NR	NR	0
CENTRAL REGISTRY	0.250		0	0	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
NON REGIST PST	0.250		0	0	NR	NR	NR	0
<i>Local Land Records</i>								
HIST LIENS	0.250		0	0	NR	NR	NR	0
LIENS	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.250		0	0	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.250		0	0	NR	NR	NR	0
SPILLS	0.250		0	0	NR	NR	NR	0
SPILLS 90	0.250		0	0	NR	NR	NR	0
SPILLS 80	0.250		0	0	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.250		0	0	NR	NR	NR	0
EPA WATCH LIST	0.250		0	0	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.250		0	0	NR	NR	NR	0
TRIS	0.250		0	0	NR	NR	NR	0
SSTS	0.250		0	0	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.250		0	0	NR	NR	NR	0
RAATS	0.250		0	0	NR	NR	NR	0
PRP	0.250		0	0	NR	NR	NR	0
PADS	0.250		0	0	NR	NR	NR	0
ICIS	0.250		0	0	NR	NR	NR	0
FTTS	0.250		0	0	NR	NR	NR	0
MLTS	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	0.250		0	0	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.250		0	0	NR	NR	NR	0
RADINFO	0.250		0	0	NR	NR	NR	0
HIST FTTS	0.250		0	0	NR	NR	NR	0
DOT OPS	0.250		0	0	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.250		0	0	NR	NR	NR	0
US AIRS	0.250		0	0	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.250		0	0	NR	NR	NR	0
DOCKET HWC	0.250		0	0	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.250		0	0	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	0.250		0	0	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM	0.250		0	0	NR	NR	NR	0
AIRS	0.250		0	0	NR	NR	NR	0
APAR	0.250		0	0	NR	NR	NR	0
ASBESTOS	0.250		0	0	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
ED AQUIF	0.250		0	0	NR	NR	NR	0
ENF	0.250		0	0	NR	NR	NR	0
Financial Assurance	0.250		0	0	NR	NR	NR	0
GCC	0.250		0	0	NR	NR	NR	0
IOP	0.250		0	0	NR	NR	NR	0
LEAD	0.250		0	0	NR	NR	NR	0
Ind. Haz Waste	0.250		0	0	NR	NR	NR	0
MSD	0.500		0	0	0	NR	NR	0
NPDES	0.250		0	0	NR	NR	NR	0
RWS	0.250		0	0	NR	NR	NR	0
TIER 2	0.250		0	0	NR	NR	NR	0
UIC	0.250		0	0	NR	NR	NR	0
IHW CORR ACTION	0.250		0	0	NR	NR	NR	0
PST STAGE 2	0.250		0	0	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
---------	-------	--	---	---	---	---	----	---

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	0.250		0	0	NR	NR	NR	0
RGA LF	0.250		0	0	NR	NR	NR	0

- Totals --		0	0	0	0	0	0	0
-------------	--	---	---	---	---	---	---	---

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NO SITES FOUND

Count: 4 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BROOKSHIRE	S128637081	TWINWOOD COMPOSTING	CORNER OF HOUSE RD AND FM 1469	77423	SWF/LF
KATY	S125154854		NEC OF CANE ISLAND PARKWAY AND		VCP
PATTISON	S126998865	BRISCOE MAPHIS GENSTAR SOLID WASTE	N OF BROOKSHIRE ON FM 529 1.75		SWF/LF
WALLER COUNTY	S110770503	CITY OF BROOKSHIRE	NEAR INTERSECTION OF WILPITZ A	77423	CLI

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 09/19/2023	Source: EPA
Date Data Arrived at EDR: 10/03/2023	Telephone: N/A
Date Made Active in Reports: 10/19/2023	Last EDR Contact: 11/01/2023
Number of Days to Update: 16	Next Scheduled EDR Contact: 01/08/2024
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 09/19/2023	Source: EPA
Date Data Arrived at EDR: 10/03/2023	Telephone: N/A
Date Made Active in Reports: 10/19/2023	Last EDR Contact: 11/01/2023
Number of Days to Update: 16	Next Scheduled EDR Contact: 01/08/2024
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 06/23/2023
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 09/26/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMs by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 09/19/2023	Source: EPA
Date Data Arrived at EDR: 10/03/2023	Telephone: 800-424-9346
Date Made Active in Reports: 10/19/2023	Last EDR Contact: 11/02/2023
Number of Days to Update: 16	Next Scheduled EDR Contact: 01/22/2024
	Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 07/24/2023	Source: EPA
Date Data Arrived at EDR: 07/31/2023	Telephone: 800-424-9346
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: 214-665-6444
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: 214-665-6444
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: 214-665-6444
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: 214-665-6444
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 08/03/2023	Source: Department of the Navy
Date Data Arrived at EDR: 08/07/2023	Telephone: 843-820-7326
Date Made Active in Reports: 10/10/2023	Last EDR Contact: 11/02/2023
Number of Days to Update: 64	Next Scheduled EDR Contact: 02/19/2024
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 08/21/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/21/2023	Telephone: 703-603-0695
Date Made Active in Reports: 11/07/2023	Last EDR Contact: 08/21/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 12/04/2023
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 08/21/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/21/2023	Telephone: 703-603-0695
Date Made Active in Reports: 11/07/2023	Last EDR Contact: 08/21/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 12/04/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/12/2023

Source: National Response Center, United States Coast Guard

Date Data Arrived at EDR: 06/20/2023

Telephone: 202-267-2180

Date Made Active in Reports: 08/14/2023

Last EDR Contact: 09/20/2023

Number of Days to Update: 55

Next Scheduled EDR Contact: 01/01/2024

Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

SHWS: State Superfund Registry

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 03/23/2023

Source: Texas Commission on Environmental Quality

Date Data Arrived at EDR: 06/20/2023

Telephone: 512-239-5680

Date Made Active in Reports: 09/08/2023

Last EDR Contact: 09/13/2023

Number of Days to Update: 80

Next Scheduled EDR Contact: 01/01/2024

Data Release Frequency: Semi-Annually

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Permitted Solid Waste Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 07/14/2023

Source: Texas Commission on Environmental Quality

Date Data Arrived at EDR: 07/18/2023

Telephone: 512-239-6706

Date Made Active in Reports: 10/05/2023

Last EDR Contact: 10/11/2023

Number of Days to Update: 79

Next Scheduled EDR Contact: 01/29/2024

Data Release Frequency: Quarterly

H-GAC CLI: Houston-Galveston Closed Landfill Inventory

Closed Landfill Inventory for the Houston-Galveston Area Council Region. In 1993, the Texas Legislature passed House Bill (HB) 2537, which required Councils of Governments (COGs) to develop an inventory of closed municipal solid waste landfills for their regional solid waste management plans.

Date of Government Version: 09/12/2023

Source: Houston-Galveston Area Council

Date Data Arrived at EDR: 09/13/2023

Telephone: 832-681-2518

Date Made Active in Reports: 09/21/2023

Last EDR Contact: 09/12/2023

Number of Days to Update: 8

Next Scheduled EDR Contact: 01/08/2024

Data Release Frequency: Varies

CLI: Closed Landfill Inventory

Closed and abandoned landfills (permitted as well as unauthorized) across the state of Texas. For current information regarding any of the sites included in this database, contact the appropriate Council of Governments agency.

Date of Government Version: 08/30/1999

Source: Texas Commission on Environmental Quality

Date Data Arrived at EDR: 09/28/2000

Telephone: N/A

Date Made Active in Reports: 10/30/2000

Last EDR Contact: 09/26/2023

Number of Days to Update: 32

Next Scheduled EDR Contact: 01/08/2024

Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WASTE MGMT: Commercial Hazardous & Solid Waste Management Facilities

This list contains commercial recycling facilities and facilities permitted or authorized (interim status) by the Texas Natural Resource Conservation Commission.

Date of Government Version: 10/14/2022	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 06/30/2023	Telephone: 512-239-2920
Date Made Active in Reports: 09/22/2023	Last EDR Contact: 09/28/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 01/08/2024
	Data Release Frequency: Varies

Lists of state and tribal leaking storage tanks

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/26/2023	Source: EPA Region 6
Date Data Arrived at EDR: 05/09/2023	Telephone: 214-665-6597
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/19/2023	Source: EPA Region 8
Date Data Arrived at EDR: 05/09/2023	Telephone: 303-312-6271
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2023	Source: EPA, Region 5
Date Data Arrived at EDR: 05/09/2023	Telephone: 312-886-7439
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/20/2023	Source: EPA Region 10
Date Data Arrived at EDR: 05/09/2023	Telephone: 206-553-2857
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/20/2023	Source: EPA Region 4
Date Data Arrived at EDR: 05/09/2023	Telephone: 404-562-8677
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land A listing of leaking underground storage tank locations on Indian Land.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/20/2023	Source: EPA Region 1
Date Data Arrived at EDR: 05/09/2023	Telephone: 617-918-1313
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/25/2023	Source: EPA Region 7
Date Data Arrived at EDR: 05/09/2023	Telephone: 913-551-7003
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/19/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/09/2023	Telephone: 415-972-3372
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

LPST: Leaking Petroleum Storage Tank Database

An inventory of reported leaking petroleum storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 06/27/2023	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 06/28/2023	Telephone: 512-239-2200
Date Made Active in Reports: 09/21/2023	Last EDR Contact: 09/13/2023
Number of Days to Update: 85	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Quarterly

RDR: Release Determination Report Listing

An owner-operator permanently removing an underground storage tank system from service must determine whether a release of a stored regulated substance has occurred. Assemble and submit documentation of tank removal and release determination?including the details of all excavation, removal, and sampling activities?to the TCEQ using the PST Program?s Release Determination Report form (TCEQ-00621).

Date of Government Version: 03/29/2023	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 03/30/2023	Telephone: 512-239-2081
Date Made Active in Reports: 04/04/2023	Last EDR Contact: 09/13/2023
Number of Days to Update: 5	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/08/2023	Source: FEMA
Date Data Arrived at EDR: 03/09/2023	Telephone: 202-646-5797
Date Made Active in Reports: 05/30/2023	Last EDR Contact: 10/10/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Varies

UST: Petroleum Storage Tank Database

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/09/2023
Date Data Arrived at EDR: 06/20/2023
Date Made Active in Reports: 09/08/2023
Number of Days to Update: 80

Source: Texas Commission on Environmental Quality
Telephone: 512-239-2160
Last EDR Contact: 09/21/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

AST: Petroleum Storage Tank Database
Registered Aboveground Storage Tanks.

Date of Government Version: 06/09/2023
Date Data Arrived at EDR: 06/20/2023
Date Made Active in Reports: 09/08/2023
Number of Days to Update: 80

Source: Texas Commission on Environmental Quality
Telephone: 512-239-2160
Last EDR Contact: 09/21/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

TANKS: Petroleum Storage Tanks Listing

A list of facilities included on the Petroleum Storage Tank database that have no association as either underground or aboveground tanks.

Date of Government Version: 06/09/2023
Date Data Arrived at EDR: 06/20/2023
Date Made Active in Reports: 09/08/2023
Number of Days to Update: 80

Source: Texas Commission on Environmental Quality
Telephone: 512-239-0985
Last EDR Contact: 09/21/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

AUL: Sites with Controls

Activity and use limitations include both engineering controls and institutional controls.

Date of Government Version: 06/23/2023
Date Data Arrived at EDR: 06/27/2023
Date Made Active in Reports: 09/13/2023
Number of Days to Update: 78

Source: Texas Commission on Environmental Quality
Telephone: 512-239-5891
Last EDR Contact: 09/22/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/08/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 09/12/2023
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Varies

VCP RRC: Voluntary Cleanup Program Sites

The Voluntary Cleanup Program (RRC-VCP) provides an incentive to remediate Oil & Gas related pollution by participants as long as they did not cause or contribute to the contamination. Applicants to the program receive a release of liability to the state in exchange for a successful cleanup.

Date of Government Version: 04/01/2023	Source: Railroad Commission of Texas
Date Data Arrived at EDR: 04/12/2023	Telephone: 512-463-6969
Date Made Active in Reports: 06/29/2023	Last EDR Contact: 09/28/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 01/22/2024
	Data Release Frequency: Varies

VCP TCEQ: Voluntary Cleanup Program Database

The Texas Voluntary Cleanup Program was established to provide administrative, technical, and legal incentives to encourage the cleanup of contaminated sites in Texas.

Date of Government Version: 06/23/2023	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 06/27/2023	Telephone: 512-239-5891
Date Made Active in Reports: 07/11/2023	Last EDR Contact: 09/22/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/08/2024
	Data Release Frequency: Quarterly

Lists of state and tribal brownfield sites

BROWNFIELDS: Brownfields Site Assessments

Brownfield site assessments that are being cleaned under EPA grant monies.

Date of Government Version: 06/05/2023	Source: TCEQ
Date Data Arrived at EDR: 06/27/2023	Telephone: 512-239-5872
Date Made Active in Reports: 09/13/2023	Last EDR Contact: 09/22/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 01/08/2024
	Data Release Frequency: Semi-Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/06/2023
Date Data Arrived at EDR: 04/13/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 08/30/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

NCTCOG LI: North Central Landfill Inventory

North Central Texas Council of Governments landfill database.

Date of Government Version: 06/26/2023
Date Data Arrived at EDR: 06/27/2023
Date Made Active in Reports: 09/13/2023
Number of Days to Update: 78

Source: North Central Texas Council of Governments
Telephone: 817-695-9223
Last EDR Contact: 09/26/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Varies

CAPCOG LI: Capitol Area Landfill Inventory

Permitted and unpermitted landfills for the CAPCOG region. Serving Bastrop, Blanco, Burnet, Caldwell, Fayette, Hays, Lee, Llano, Travis, and Williamson Counties.

Date of Government Version: 11/11/2022
Date Data Arrived at EDR: 05/23/2023
Date Made Active in Reports: 06/05/2023
Number of Days to Update: 13

Source: Capital Area Council of Governments
Telephone: 512-916-6000
Last EDR Contact: 09/28/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Varies

SWRCY: Recycling Facility Listing

A listing of recycling facilities in the state.

Date of Government Version: 08/04/2023
Date Data Arrived at EDR: 08/10/2023
Date Made Active in Reports: 10/30/2023
Number of Days to Update: 81

Source: TCEQ
Telephone: 512-239-6700
Last EDR Contact: 11/03/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Varies

HIST LF: Historical Information About Municipal Solid Waste Facilities

An historical information listing old, closed unnumbered MSW landfills that were operated before permits were required, as well as unauthorized landfills and miscellaneous illegal dumps and disposal sites.

Date of Government Version: 02/01/2022
Date Data Arrived at EDR: 09/28/2022
Date Made Active in Reports: 05/24/2023
Number of Days to Update: 238

Source: Texas Commission on Environmental Quality
Telephone: 512-239-2335
Last EDR Contact: 10/16/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/23/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 10/28/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/21/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Site Locations Listing

A listing of former clandestine drug site locations

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 12/09/2021
Date Made Active in Reports: 03/01/2022
Number of Days to Update: 82

Source: Department of Public Safety
Telephone: 512-424-2144
Last EDR Contact: 10/23/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

PRIORITY CLEANERS: Dry Cleaner Remediation Program Prioritization List

A listing of dry cleaner related contaminated sites.

Date of Government Version: 03/01/2023
Date Data Arrived at EDR: 05/30/2023
Date Made Active in Reports: 08/18/2023
Number of Days to Update: 80

Source: Texas Commission on Environmental Quality
Telephone: 512-239-5658
Last EDR Contact: 09/01/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Varies

DEL SHWS: Deleted Superfund Registry Sites

Sites have been deleted from the state Superfund registry in accordance with the Act, 361.189

Date of Government Version: 03/23/2023
Date Data Arrived at EDR: 06/20/2023
Date Made Active in Reports: 09/08/2023
Number of Days to Update: 80

Source: Texas Commission on Environmental Quality
Telephone: 512-239-0666
Last EDR Contact: 09/13/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 08/21/2023	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 08/21/2023	Telephone: 202-307-1000
Date Made Active in Reports: 11/07/2023	Last EDR Contact: 08/21/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 12/04/2023
	Data Release Frequency: Quarterly

CENTRAL REGISTRY: The Central Registry

The Central Registry, a common record area of the TCEQ, maintains information about TCEQ customers and regulated activities, such as company names, addresses, and telephone numbers. This information is commonly referred to as "core data". The Central Registry provides the regulated community with a central access point within the agency to check core data and make changes when necessary.

Date of Government Version: 09/30/2022	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 10/04/2022	Telephone: 512-239-5175
Date Made Active in Reports: 12/27/2022	Last EDR Contact: 09/22/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 01/08/2024
	Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

NON REGIST PST: Petroleum Storage Tank Non Registered

A listing of non-registered petroleum storage tank site locations.

Date of Government Version: 08/09/2023	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 08/10/2023	Telephone: 512-239-2081
Date Made Active in Reports: 10/30/2023	Last EDR Contact: 10/26/2023
Number of Days to Update: 81	Next Scheduled EDR Contact: 02/12/2024
	Data Release Frequency: Quarterly

Local Land Records

HIST LIENS: Environmental Liens Listing

This listing contains information fields that are no longer tracked in the LIENS database.

Date of Government Version: 03/23/2007	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 03/23/2007	Telephone: 512-239-2209
Date Made Active in Reports: 05/02/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

LIENS: Environmental Liens Listing

The listing covers TCEQ liens placed against either State Superfund sites or Federal Superfund sites to recover cost incurred by TCEQ.

Date of Government Version: 06/23/2023	Source: Texas Commission on Environmental Quality
Date Data Arrived at EDR: 06/27/2023	Telephone: 512-239-2209
Date Made Active in Reports: 09/13/2023	Last EDR Contact: 09/22/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 01/08/2024
	Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/18/2023
Date Data Arrived at EDR: 09/20/2023
Date Made Active in Reports: 11/14/2023
Number of Days to Update: 55

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

SPILLS: Spills Database

Spills reported to the Emergency Response Division.

Date of Government Version: 07/10/2023
Date Data Arrived at EDR: 07/11/2023
Date Made Active in Reports: 09/27/2023
Number of Days to Update: 78

Source: Texas Commission on Environmental Quality
Telephone: 512-239-5100
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 10/23/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 05/15/2005
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 214-665-6444
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 08/07/2023	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/15/2023	Telephone: 202-528-4285
Date Made Active in Reports: 10/10/2023	Last EDR Contact: 11/10/2023
Number of Days to Update: 56	Next Scheduled EDR Contact: 02/26/2024
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021	Source: USGS
Date Data Arrived at EDR: 07/13/2021	Telephone: 888-275-8747
Date Made Active in Reports: 03/09/2022	Last EDR Contact: 10/09/2023
Number of Days to Update: 239	Next Scheduled EDR Contact: 01/22/2024
	Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 10/04/2023
Number of Days to Update: 574	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2023	Telephone: 615-532-8599
Date Made Active in Reports: 02/10/2023	Last EDR Contact: 11/08/2023
Number of Days to Update: 7	Next Scheduled EDR Contact: 02/19/2024
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/19/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/20/2023	Telephone: 202-566-1917
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 10/31/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/03/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/15/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 08/18/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 81

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/13/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 07/17/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 84

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/09/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/29/2023	Telephone: 202-564-8600
Date Made Active in Reports: 09/25/2023	Last EDR Contact: 09/26/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 09/19/2023	Source: EPA
Date Data Arrived at EDR: 10/03/2023	Telephone: 202-564-6023
Date Made Active in Reports: 10/19/2023	Last EDR Contact: 11/01/2023
Number of Days to Update: 16	Next Scheduled EDR Contact: 02/12/2024
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2023	Source: EPA
Date Data Arrived at EDR: 04/04/2023	Telephone: 202-566-0500
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 10/06/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 09/27/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/20/2023	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/01/2023	Telephone: 301-415-0717
Date Made Active in Reports: 09/20/2023	Last EDR Contact: 10/10/2023
Number of Days to Update: 19	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2021	Source: Department of Energy
Date Data Arrived at EDR: 04/14/2023	Telephone: 202-586-8719
Date Made Active in Reports: 07/10/2023	Last EDR Contact: 09/01/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 12/11/2023
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 08/28/2023
Number of Days to Update: 251	Next Scheduled EDR Contact: 12/11/2023
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 11/03/2023
Number of Days to Update: 96	Next Scheduled EDR Contact: 02/12/2024
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 09/22/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2023
Date Data Arrived at EDR: 07/19/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 83

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 10/02/2023
Number of Days to Update: 546	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023	Source: Department of Energy
Date Data Arrived at EDR: 03/03/2023	Telephone: 202-586-3559
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 10/25/2023
Number of Days to Update: 98	Next Scheduled EDR Contact: 02/12/2024
	Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019	Source: Department of Energy
Date Data Arrived at EDR: 11/15/2019	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 11/09/2023
Number of Days to Update: 74	Next Scheduled EDR Contact: 02/26/2024
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 09/19/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/03/2023	Telephone: 703-603-8787
Date Made Active in Reports: 10/19/2023	Last EDR Contact: 11/01/2023
Number of Days to Update: 16	Next Scheduled EDR Contact: 01/08/2024
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2023
Date Data Arrived at EDR: 08/22/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 77

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/22/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/24/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/24/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/24/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/13/2023	Source: Department of Interior
Date Data Arrived at EDR: 06/14/2023	Telephone: 202-208-2609
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/12/2023
Number of Days to Update: 61	Next Scheduled EDR Contact: 12/18/2023
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/04/2023	Source: EPA
Date Data Arrived at EDR: 05/25/2023	Telephone: (214) 665-2200
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 11/08/2023
Number of Days to Update: 60	Next Scheduled EDR Contact: 12/11/2023
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021	Telephone: 202-564-0527
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 11/15/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/04/2024
	Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021	Source: Department of Defense
Date Data Arrived at EDR: 10/20/2022	Telephone: 703-704-1564
Date Made Active in Reports: 01/10/2023	Last EDR Contact: 09/13/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/22/2024
	Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/29/2023	Telephone: 202-564-2280
Date Made Active in Reports: 09/25/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/14/2023
Date Data Arrived at EDR: 08/15/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 65

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/10/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 10/23/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facility's name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration's document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 09/28/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 09/28/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: No Update Planned

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 07/16/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PFAS: PFAS Contamination Site Location Listing

PFOS and PFOA stand for perfluorooctane sulfonate and perfluorooctanoic acid, respectively. Both are fluorinated organic chemicals, part of a larger family of compounds referred to as perfluoroalkyl substances (PFASs).

Date of Government Version: 08/25/2023
Date Data Arrived at EDR: 09/07/2023
Date Made Active in Reports: 09/11/2023
Number of Days to Update: 4

Source: Texas Commission on Environmental Quality
Telephone: 512-239-2341
Last EDR Contact: 08/24/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Varies

AQUEOUS FOAM: AFFF Sites Listing

A list of Aqueous Film Forming Foam (AFFF) sites.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/15/2023
Date Made Active in Reports: 06/05/2023
Number of Days to Update: 82

Source: Texas Commission on Environmental Quality
Telephone: 512-239-1913
Last EDR Contact: 08/23/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Varies

AIRS: Current Emission Inventory Data

The database lists by company, along with their actual emissions, the TNRCC air accounts that emit EPA criteria pollutants.

Date of Government Version: 06/07/2023
Date Data Arrived at EDR: 06/08/2023
Date Made Active in Reports: 08/31/2023
Number of Days to Update: 84

Source: Texas Commission on Environmental Quality
Telephone: N/A
Last EDR Contact: 08/30/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Semi-Annually

APAR: Affected Property Assessment Report Site Listing

Listing of Sites That Have Received an APAR (Affected Property Assessment Report)

Date of Government Version: 07/10/2023
Date Data Arrived at EDR: 07/11/2023
Date Made Active in Reports: 09/26/2023
Number of Days to Update: 77

Source: Texas Commission on Environmental Quality
Telephone: 512-239-5872
Last EDR Contact: 09/28/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

ASBESTOS: Asbestos Notification Listing

A listing of asbestos notification site locations.

Date of Government Version: 08/10/2023
Date Data Arrived at EDR: 09/01/2023
Date Made Active in Reports: 11/14/2023
Number of Days to Update: 74

Source: Department of State Health Services
Telephone: 512-834-6787
Last EDR Contact: 11/09/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

A listing of facilities that use surface impoundments or landfills to dispose of coal ash.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/26/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 76

Source: Texas Commission on Environmental Quality
Telephone: 512-239-6624
Last EDR Contact: 10/23/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Registration Database Listing

A listing of drycleaning facilities.

Date of Government Version: 03/02/2023
Date Data Arrived at EDR: 05/24/2023
Date Made Active in Reports: 08/18/2023
Number of Days to Update: 86

Source: Texas Commission on Environmental Quality
Telephone: 512-239-2160
Last EDR Contact: 08/24/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ED AQUIF: Edwards Aquifer Permits

A listing of permits in the Edwards Aquifer Protection Program database. The information provided is for the counties located in the Austin Region (Hays, Travis, and Williamson counties).

Date of Government Version: 07/06/2023
Date Data Arrived at EDR: 07/10/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 84

Source: Texas Commission on Environmental Quality, Austin Region
Telephone: 512-339-2929
Last EDR Contact: 09/13/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Varies

ENFORCEMENT: Notice of Violations Listing

A listing of permit violations.

Date of Government Version: 06/19/2023
Date Data Arrived at EDR: 06/27/2023
Date Made Active in Reports: 09/13/2023
Number of Days to Update: 78

Source: Texas Commission on Environmental Quality
Telephone: 512-239-6012
Last EDR Contact: 09/26/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Semi-Annually

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 09/14/2023
Date Data Arrived at EDR: 09/25/2023
Date Made Active in Reports: 10/06/2023
Number of Days to Update: 11

Source: Texas Commission on Environmental Quality
Telephone: 512-239-6239
Last EDR Contact: 09/13/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

Financial Assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay

Date of Government Version: 06/09/2023
Date Data Arrived at EDR: 06/20/2023
Date Made Active in Reports: 09/08/2023
Number of Days to Update: 80

Source: Texas Commission on Environmental Quality
Telephone: 512-239-0986
Last EDR Contact: 09/21/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

GCC: Groundwater Contamination Cases

Texas Water Code, Section 26.406 requires the annual report to describe the current status of groundwater monitoring activities conducted or required by each agency at regulated facilities or associated with regulated activities.

The report is required to contain a description of each case of groundwater contamination documented during the previous calendar year. Also to be included, is a description of each case of contamination documented during previous periods for which voluntary clean up action was incomplete at the time the preceding report was issued. The report is also required to indicate the status of enforcement action for each listed case.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 08/31/2023
Date Made Active in Reports: 11/15/2023
Number of Days to Update: 76

Source: Texas Commission on Environmental Quality
Telephone: 512-239-5690
Last EDR Contact: 08/21/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Annually

IOP: Innocent Owner/Operator Program

Contains information on all sites that are in the IOP. An IOP is an innocent owner or operator whose property is contaminated as a result of a release or migration of contaminants from a source or sources not located on the property, and they did not cause or contribute to the source or sources of contamination.

Date of Government Version: 06/26/2023
Date Data Arrived at EDR: 06/27/2023
Date Made Active in Reports: 09/13/2023
Number of Days to Update: 78

Source: Texas Commission on Environmental Quality
Telephone: 512-239-5894
Last EDR Contact: 09/22/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LEAD: Lead Inspection Listing

Lead inspection sites

Date of Government Version: 08/24/2023
Date Data Arrived at EDR: 08/29/2023
Date Made Active in Reports: 09/13/2023
Number of Days to Update: 15

Source: Department of State Health Services
Telephone: 512-834-6600
Last EDR Contact: 11/09/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

Ind. Haz Waste: Industrial & Hazardous Waste Database

Summary reports reported by waste handlers, generators and shippers in Texas.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/11/2023
Date Made Active in Reports: 09/28/2023
Number of Days to Update: 79

Source: Texas Commission on Environmental Quality
Telephone: 512-239-0985
Last EDR Contact: 11/15/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Annually

MSD: Municipal Settings Designations Database

An MSD is an official state designation given to property within a municipality or its extraterritorial jurisdiction that certifies that designated groundwater at the property is not use as potable water, and is prohibited from future use as potable water because that groundwater is contaminated in excess of the applicable potable-water protective concentration level.

Date of Government Version: 07/21/2023
Date Data Arrived at EDR: 07/26/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 76

Source: Texas Commission on Environmental Quality
Telephone: 512-239-4982
Last EDR Contact: 10/23/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

NPDES: NPDES Facility List

Permitted wastewater outfalls.

Date of Government Version: 08/02/2023
Date Data Arrived at EDR: 08/02/2023
Date Made Active in Reports: 08/03/2023
Number of Days to Update: 1

Source: Texas Commission on Environmental Quality
Telephone: 512-239-4591
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Varies

RWS: Radioactive Waste Sites

Sites in the State of Texas that have been designated as Radioactive Waste sites.

Date of Government Version: 07/24/2006
Date Data Arrived at EDR: 12/14/2006
Date Made Active in Reports: 01/23/2007
Number of Days to Update: 40

Source: Texas Commission on Environmental Quality
Telephone: 512-239-0859
Last EDR Contact: 11/03/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Semi-Annually

TIER 2: Tier 2 Chemical Inventory Reports

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 06/07/2013
Date Made Active in Reports: 07/22/2013
Number of Days to Update: 45

Source: Department of State Health Services
Telephone: 512-834-6603
Last EDR Contact: 11/09/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Annually

UIC: Underground Injection Wells Database Listing

Class V injection wells regulated by the TCEQ. Class V wells are used to inject non-hazardous fluids underground. Most Class V wells are used to dispose of wastes into or above underground sources of drinking water and can pose a threat to ground water quality, if not managed properly.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/18/2023
Date Data Arrived at EDR: 07/19/2023
Date Made Active in Reports: 10/06/2023
Number of Days to Update: 79

Source: Texas Commission on Environmental Quality
Telephone: 512-239-6627
Last EDR Contact: 10/05/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Varies

IHW CORR ACTION: Industrial and Hazardous Waste Corrective Action Information
Industrial hazardous waste facilities with corrective actions.

Date of Government Version: 06/26/2023
Date Data Arrived at EDR: 06/27/2023
Date Made Active in Reports: 09/13/2023
Number of Days to Update: 78

Source: Texas Commission on Environmental Quality
Telephone: 512-239-5872
Last EDR Contact: 09/22/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Varies

PST STAGE 2: PST Stage 2

State II Vapor Recovery. Decommissioning of Stage II Rule - Gasoline dispensing facilities (GDFs) may begin the process of removing Stage II equipment on May 16, 2014 providing that all other requirements for decommissioning have been met, including appropriate notification.

Date of Government Version: 07/17/2019
Date Data Arrived at EDR: 07/18/2019
Date Made Active in Reports: 09/24/2019
Number of Days to Update: 68

Source: Texas Commission on Environmental Quality
Telephone: 512-239-2160
Last EDR Contact: 09/13/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Varies

COMP HIST: Compliance History Listing

A listing of compliance histories of regulated entities

Date of Government Version: 11/21/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/14/2023
Number of Days to Update: 84

Source: Texas Commission on Environmental Quality
Telephone: 512-239-3282
Last EDR Contact: 08/24/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Texas Commission of Environmental Quality in Texas formerly known as Texas Natural Resources Conservation Commission which changed in 2002.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/26/2013
Number of Days to Update: 178

Source: Texas Commission on Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Texas Commission of Environmental Quality in Texas formerly known as Texas Natural Resources Conservation Commission which changed in 2002.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Texas Commission on Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

TRAVIS COUNTY:

HIST UST AUSTIN: Historic Tank Records

A listing of historic records from the City of Austin.

Date of Government Version: 08/28/2023
Date Data Arrived at EDR: 08/30/2023
Date Made Active in Reports: 11/15/2023
Number of Days to Update: 77

Source: Department of Planning & Development Review
Telephone: 512-974-2715
Last EDR Contact: 08/30/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/07/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/24/2023
Number of Days to Update: 77

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/07/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 09/28/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/28/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/05/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/09/2022
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 10/28/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 01/09/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 10/05/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 08/30/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Facility List

Source: Department of Protective & Regulatory Services

Telephone: 512-438-3269

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Texas General Land Office

Telephone: 512-463-0745

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

Appendix D
Water Well Report



Assessment, Compliance and Permitting Support

August 23, 2023

Peter Lyman, P.E.
Advanced Groundwater Solutions, LLC
P.O. Box 741
Dripping Springs, Texas 78620

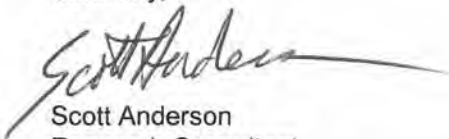
Re: Waller County MUD 48 Well 1
29 50' 46.22" / -95 54' 22.84"
Waller County, Texas
Atlas Job 23-07-010

Mr. Lyman:

Atlas Environmental Research has performed a water well search for the above referenced site using the records of the Texas Water Development Board (TWDB) and the Texas Commission on Environmental Quality (TCEQ). Included in this report you will find a complete well listing sorted by the different types of files in the state's water well system. You will also find a map delineating water wells within the area of review and copies of all available drillers logs.

Please do not hesitate to call me at (512) 296-3158 if you have any questions concerning this project or questions concerning Atlas' water well research protocol. Thank you for utilizing Atlas' research services to meet your environmental information needs. I look forward to being of service to you in the future.

Sincerely,



Scott Anderson
Research Consultant

Enclosures/SA/

ATLAS E. R., Inc.

8705 Shoal Creek Blvd., Suite 207 • Austin, Texas 78757
800.940.0977 • 512.339.4155 • FAX 512.339.4413

Atlas E.R. Water Well Search

Waller County MUD 48 Well 1
29 50' 46.22" / -95 54' 22.84"
Waller County, Texas
Atlas Job 23-06-010

Atlas Environmental Research has located 0 water wells and 0 public water system wells in the state's records concerning the area of review.

Located Water Wells – 0

Plotted Water Wells – 0

Partially Numbered Water Wells – 0

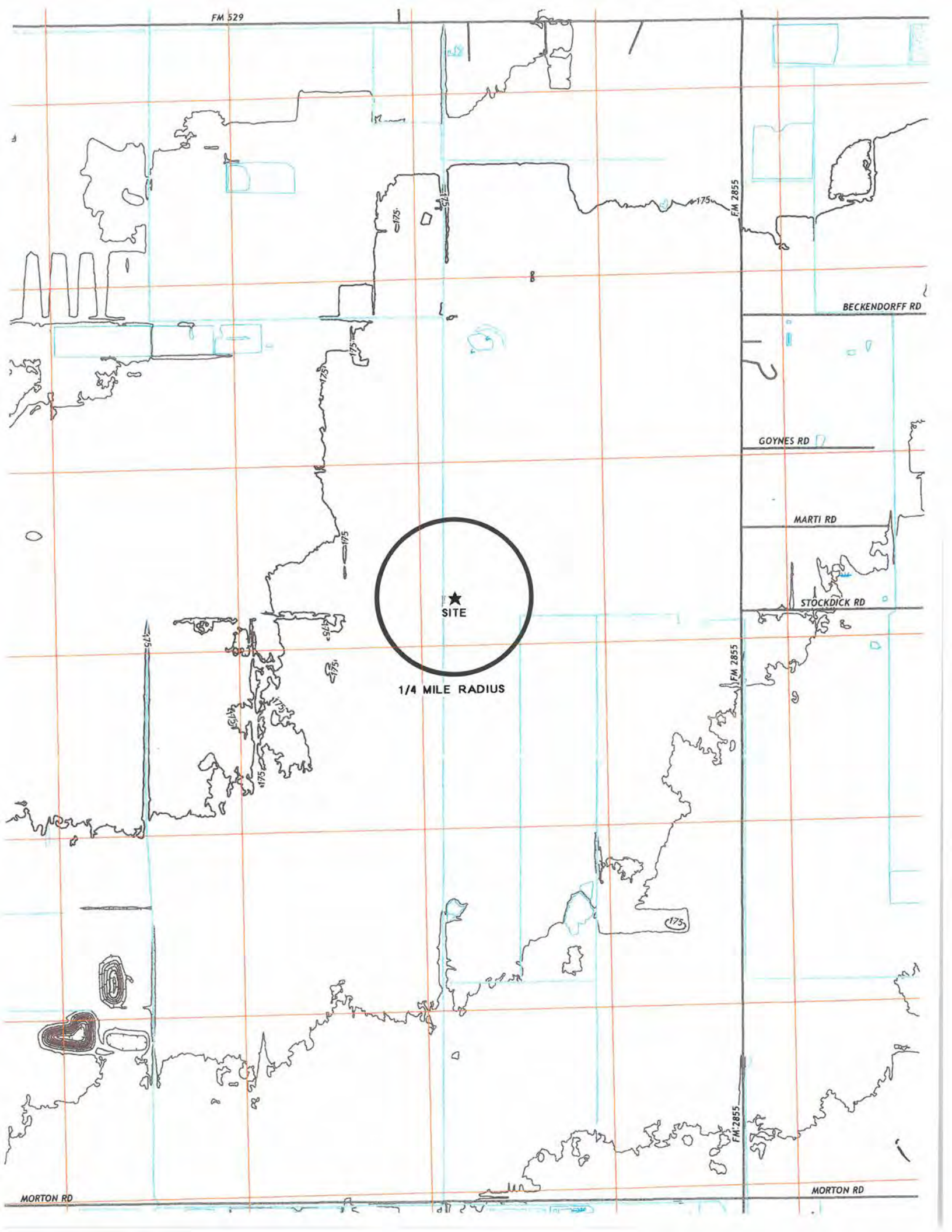
Unnumbered Water Wells – 0

Public Water System Wells – 0

These wells have been labeled on the attached map with the final portion of the state well number. This portion of the state well number has also been highlighted on the corresponding drillers log. The information for each USGS quadrangle utilized for the well location map is listed below.

<u>Quadrangle</u>	<u>Date</u>	<u>Contour Interval</u>
Brookshire, Texas	2019	5 Feet

Quadrangle Scale: 1:24000; 1" = 2000'



★
SITE

1/4 MILE RADIUS

BECKENDORFF RD

GOYNES RD

MARTI RD

STOCKDICK RD

FM 2855

FM 2855

MORTON RD

MORTON RD

175

175

175

175

175

175

175

Appendix E
Oil and Gas Well Records

000131 0905

08581

0 0 1 3 1 0 9 0 3

COMMISSION STATEWIDE ORDER NO. 20-67-502 DATED NOVEMBER 15, 1972
AUTHORIZED NAME CHANGES FROM HUMBLE OIL & REFINING CO. TO EXXON
CORP. AND HUMBLE PIPE LINE COMPANY TO EXXON PIPELINE COMPANY
WITHOUT FILING OF COMMISSION FORM P-4 TO BE EFFECTIVE JANUARY 1, 1973.

DISTRICT- 3 FIELD KATY (I-B)
OPERATOR-EXXON CORP.

FLD.NO.-48278 544

OPR NO.-257097

LEASE NO. 00551 OIL LEASE-AMERICAN RICE MILLING CO., -C-
GATHERERS: OIL-EXXON CASINGHEAD-EXXON

PERMANENT RECORD CHANGE NOTICE - FILED IN LIEU OF FORM P-4

APR 17 1978

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form P-4
Rev. 3/1/77

Producer's Certificate of Compliance and Authorization to Transport Oil and/or Casinghead Gas From an Oil Lease or Gas and/or Condensate from a Gas Well.	RRC District 3
Field Name (as per RRC records) Katy Oil Unit	RRC Oil Lease No. 08552
Lease Name Katy Oil Unit 6	RRC Gas Well Ident. No.
Operator Name Exxon Corporation	Gas Well No.
Address P.O. Box 2443	Effective Date 4-1-78
City, State, Zip Code Houston Texas 77001	County Harris
	Survey W 7 C RR S-166

GAS GATHERER, PURCHASER, AND NOMINATOR
NOTE: The names of all three of the above must be furnished for all gas sold.

Name Exxon Corporation	RRC USE ONLY EXXON	INDICATE MARKET <input checked="" type="checkbox"/> Gas Well Gas <input type="checkbox"/> Full Well Stream <input checked="" type="checkbox"/> Casinghead Gas	<input checked="" type="checkbox"/> Interstate <input type="checkbox"/> Intrastate
Address P.O. Box 2443	100% of the	<input checked="" type="checkbox"/> Gatherer <input checked="" type="checkbox"/> Purchaser <input checked="" type="checkbox"/> Nominator	
City, State, Zip Code Houston Texas 77001			
Name	RRC USE ONLY	INDICATE MARKET	Interstate Intrastate
Address		<input type="checkbox"/> Gas Well Gas <input type="checkbox"/> Full Well Stream <input type="checkbox"/> Casinghead Gas	<input type="checkbox"/> Gatherer <input type="checkbox"/> Purchaser <input type="checkbox"/> Nominator
City, State, Zip Code	of the		
Name	RRC USE ONLY	INDICATE MARKET	Interstate Intrastate
Address		<input type="checkbox"/> Gas Well Gas <input type="checkbox"/> Full Well Stream <input type="checkbox"/> Casinghead Gas	<input type="checkbox"/> Gatherer <input type="checkbox"/> Purchaser <input type="checkbox"/> Nominator
City, State, Zip Code	of the		

OIL OR CONDENSATE GATHERER

Name Shellrock Oil Co	RRC USE ONLY S.O.P.L.	<input checked="" type="checkbox"/> Oil <input type="checkbox"/> Condensate
Address 1500 Houston Club Building	100% of the	
City, State, Zip Code Houston Texas 77001		
Name	RRC USE ONLY	<input type="checkbox"/> Oil <input type="checkbox"/> Condensate
Address		
City, State, Zip Code	of the	

INDICATE PURPOSE OF FILING

New Oil Lease or Gas Well. Form W-1 (Application for Permit to Drill, Deepen or Plug Back) filed in the name of:

Operator Change of Gatherer Lease Change of Purchaser Change of Nominator

Change field name from _____

Change operator name from _____

Change lease name from _____

Consolidation or subdivision of lease (Attachments required - See instructions.)

Previous Form P-4 approval date if filed (or prior SW-1 number) _____ day _____ SW-1 Number or Date

REMARKS _____

FOR RRC USE ONLY
Field No.
Operator No.
Approved

AUTHORIZATION BY CURRENT OPERATOR

The undersigned certifies that the above agent is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property in accordance with the regulations of the Railroad Commission of Texas, and that this authorization will be valid until further notice or until cancelled by the Railroad Commission of Texas, and the undersigned further certifies that the conservation laws of the State of Texas and all rules, regulations, and orders of the Railroad Commission of Texas have been complied with in respect to the property covered by this report.

Date: 4-1-78 Signature: [Signature] Title: UNIT MGR Area Code & Telephone No: 713-680-5324

OPERATOR NAME CHANGE (Acknowledgment required on changes of operator.)

The undersigned, being the previous operator, has transferred operating responsibility on the above property.

Previous Operator _____ Signature _____

Address _____ Title _____

City, State & Zip Code _____ Date _____ Area Code & Telephone No. _____

If there are additional gatherers, purchasers, or nominators, check here and use reverse side of this form.

GAS GATHERER, PURCHASER, AND NOMINATOR			
NOTE: The names of all three of the above must be furnished for all gas sold.			
Name	RRC USE ONLY	INDICATE MARKET	Interstate Intrastate
Address		Gas Well Gas Full Well Stream	Gatherer Purchaser
City, State, Zip Code	of the	Casinghead Gas	Nominator
Name	RRC USE ONLY	INDICATE MARKET	Interstate Intrastate
Address		Gas Well Gas Full Well Stream	Gatherer Purchaser
City, State, Zip Code	of the	Casinghead Gas	Nominator
Name	RRC USE ONLY	INDICATE MARKET	Interstate Intrastate
Address		Gas Well Gas Full Well Stream	Gatherer Purchaser
City, State, Zip Code	of the	Casinghead Gas	Nominator

OIL OR CONDENSATE GATHERER			
Name	RRC USE ONLY		Oil Condensate
Address			
City, State, Zip Code	of the		
Name	RRC USE ONLY		Oil Condensate
Address			
City, State, Zip Code	of the		

INSTRUCTIONS

- Each and every operator of oil, gas and/or condensate producing properties in the State of Texas shall file with the proper RRC District Office three (3) copies plus one additional copy for each gatherer shown on this form authorizing the gatherer(s) (whether himself or someone else) to transport the oil, gas and/or condensate from the properties of such producer. If the first purchaser and/or nominator for gas is different from the gatherer, an additional copy must be filed for each purchaser and nominator named on this form.
- Authorization is required for each person or gatherer transporting oil, gas and/or condensate from an oil lease or gas well. In the case of a split connection, the percentage of oil, gas and/or condensate each gatherer is authorized to transport shall be shown.
- Each operator shall file a separate form for each oil lease or gas well listing all authorized gatherers for this oil lease or gas well on one form. Also, the names and addresses of the first purchaser and nominator must be furnished for all gas sold from the oil lease or gas well. Effective date is required, to be shown on all changes, but not necessary on a new lease or well.
- No oil, gas and/or condensate shall be moved from any oil lease or gas well until this form is completed and filed with the proper RRC District Office.
After the RRC agent in charge has approved this form, two (2) copies will be retained by the RRC and the remaining copies will be distributed to the producer and to each gatherer, purchaser, and nominator.
- After an operator has filed this form with the RRC, thereby establishing himself as the current operator, it shall bind said operator until cancelled by him or revoked by the RRC. A new Form P-4 shall be filed if there is: (a) change in operator, (b) change in gatherer(s), (c) change in field name, (d) change in lease name, (e) change in first purchaser of gas, (f) change in nominator for gas, (g) consolidation or subdivision of leases, or (h) authorization to transport production has been cancelled by the RRC. *When consolidating or subdividing, attach to each copy of Form P-4, a P-6 Form with a PFFORE and AFTER plat of lease showing changes. Plat should show distance to lease line and between wells along with production units assigned if acreage is in the field's allocation formula.*
- If this form is filed because of or to include a change in operator name, the new operator will be the current operator and will execute this form. The proper name under "Indicate Purpose of Filing" shall be checked and completed. Authorization to the gatherer(s) shall be by the new or current operator. The previous operator is required to execute the "Operator Name Change Acknowledgment" before the RRC records will be changed.
- This authorization may be revoked by the RRC at any time for failure to comply with the oil and gas conservation laws of the State of Texas and the rules, regulations and orders of the Railroad Commission of Texas.

NOTE: FILING OF FORM P-4 (ORGANIZATION REPORT) SHOWING EXACT OPERATING NAME IS REQUIRED FOR ALL NEW OPERATORS AND/OR ORGANIZATION CHANGES.

32 DIGITS (SPACES) IS THE LIMITATION FOR OPERATING AND LEASE NAMES. ABBREVIATIONS SHOULD BE USED IF NECESSARY TO CONFORM TO THE LIMITATION.

FILE IN DUPLICATE WITH DISTRICT OFFICE OF DISTRICT IN WHICH WELL IS LOCATED WITHIN THIRTY DAYS AFTER PLUGGING

1 RRC District
3
4 RRC Lease or Id. Number
08581
5 Well Number
C-3
10 County
WALLER
11 Date Drilling Permit Issued
2-27-52
12 Date Drilling Commenced
3-24-52
13 Date Drilling Completed
4-3-52
14 Date Well Plugged
1-11-78

1. WELL NAME (as per RRC Records)

KATY II-B1

2. LEASE NAME

AMERICAN Rice Milling Co.

3. OPERATOR

Exxon Corporation

4. ADDRESS

P.O. Box 2443 Houston, Texas 77001

5. SURFACE LOCATION

660 FEET FROM WEST LINE, AND 800 FEET FROM SOUTH LINE

6. SECTION, BLOCK AND SURVEY

J.M. BENNETT A-286

7b. Distance and Direction to nearest town in this county.

5.2 mi NE Brookshire, Texas

15. Type of Well (Oil, Gas, Dry)

oil

16. Type of Completion (Single, Dual, Etc.)

Single

17. Total Depth

6700

14. FORM W-1 (Intention to Drill) Filed in Name of

Exxon Corporation

19. Manner of Placement

PLUG #	SIZE	SACKS	TOP	BOTTOM	TYPE
1	35		6545	6631	CIH
2	35		6545	6545	CIH
3	35		2571	2571	CIH
4	5		0	10	CIH

20. Was Well filled with Mud-Laden Fluid, according to the regulations of the Railroad Commission

YES NO

21. How was Mud applied?

Pump

22. Mud Weight

9.5 LBS/GAL

23. Depth of Deepest Fresh Water

2000 FEET

24. Have all Abandoned Wells on this Lease been Plugged according to RRC Rules?

YES NO

25. If NO, Explain

26. Name and Address of Party Plugging Well

Cement Well Service, P.O. Box 387, South Houston, Texas 77587

27. Casing and Tubing Record after Plugging

SIZE	PUT IN WELL		LEFT IN WELL	
	FEET	INCHES	FEET	INCHES
9 7/8"	2523		2523	
5 1/2"	6669		6669	

28. Names and Addresses of Surface Owner of Well Site and Operators of Offset Producing Leases

Exxon Operates all offset wells

29. Was Notice given before Plugging to each of the above and RRC District Office?

YES NO

CERTIFICATE

I declare under penalties prescribed in Article 6076, R. C. S., that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

[Signature]
REPRESENTATIVE OF COMPANY

UNIT HEAD
TITLE

1-19-78
DATE

Signature: REPRESENTATIVE OF RAILROAD COMMISSION

*All Dry Holes. Fill in Reverse Side.

[Handwritten initials]

In For Dry Holes, this Form must be accompanied by either a Driller's Electric, Radioactivity or Acoustical Sonic Log or such Log must be released to a Commercial Log Service.

Log attached Log released to Date

Type Log: Driller's Electric Radioactivity Acoustical Sonic

REMARKS

.....

.....

.....

.....

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form W-15
(Rev. 11-1-69)

CEMENTING REPORT

Well Name: Katy/1-B 1 Operator: Exxon Corporation Lessee: American Rice Milling Co. C (08581) Location: J. M. Bennett A-286	REC Number: 003 County: Waller Well Number: C-3
--	--

CASING CEMENTING DATA:	SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
			Single String	Multiple Parallel Strings	Tool	Shoe
*4. Cementing Date						
*9. (a) Size of Drill Bit (inches)						
(b) Wash or other fluid used in circulation						
*10. Size of Casing (inches O.D.)						
*11. Top of liner (if liner used) (ft.)						
*12. Setting Depth of Casing (ft.)						
13. Type API Class Cement - Amount of Additives Used (a) In First Slurry (cu. ft.) (b) In Second Slurry (c) In Third Slurry						
14. Sacks of Cement Used (a) In First (Lead) or Only Slurry (b) In Second Slurry (c) In Third Slurry (d) Total Sacks of Cement Used						
15. Slurry Volume per Sack of Cement (cu. ft. sack) (a) In First (Lead) or Only Slurry (b) In Second Slurry (c) In Third Slurry						
16. Volume of Slurry Pumped (cu. ft.) (Item 14 x Item 15) (a) In First (Lead) or Only Slurry (b) In Second Slurry (c) In Third Slurry (d) Total Slurry Volume Pumped (cu. ft.)						
*17. Calculated Annular Height of Cement Slurry behind Pipe (ft.)						
*18. Was cement extruded by ground surface (or bottom of casing) outside casing? (Yes or No)						

CEMENTING TO PLUG AND ABANDON DATA:	PLUG NO. 1	PLUG NO. 2	PLUG NO. 3	PLUG NO. 4	PLUG NO. 5	PLUG NO. 6
19. Cementing Date	12-20-77	12-21-77	12-28-77	1-11-78		
*20. Size of Casing or Pipe in which Plug Placed (inches)	5 1/2	5 1/2	5 1/2	5 1/2		
*21. Depth to Bottom of Tubing or Drill Pipe (ft.)	6630'	6545'	6570'	10		
22. Sacks of Cement Used to Plug	35	35	50	5		
23. Slurry Volume Pumped (cu. ft.)	7.35	7.35	10.65	7.35		
24. Calculated Depth of Plug (ft.)	5800'	5700'	1500'	0		
*25. Measure Top of Plug (if back to ft.)	6545'	6245'	2210'	0		

CEMENTING COMPANY AND OPERATOR MUST COMPLY WITH THE INSTRUCTIONS ON REVERSE SIDE HEREOF.
OVER -

* Designates Items to be completed by Operator. Items not so designated shall be completed by Cementing Company.

08581

26 Remarks:

27 Remarks:

CEMENTING COMPANY

I declare under penalties prescribed in Article 6636, R. C. S., that I am authorized to make this certification that the cementing of casing and/or the placement of cement plugs in this well, as shown in the report, was performed to meet applicable requirements, and that the cementing date and facts presented in both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers cementing date only.

Tommy Harrison
Signature of Cementer or Authorized Representative

Tommy Harrison *TECHNICAL SUPERVISOR*
Name of Person and Title (type or print)

CONCRETE WELL SERVICE
Cementing Company

AIRPORT BLVD. P.O. BOX 387
Street Address or P.O. Box

South Houston, TEXAS 77587
City, State Zip Code

713 944-1880
Area Code Telephone

12-29-77
Date

***OPERATOR**

I declare under penalties prescribed in Article 6636, R. C. S., that I am authorized to make this certification that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all well data and information presented herein.

E. O. Kainer
Signature of Operator or Authorized Representative

E. O. Kainer *Unit Head*
Name of Person and Title (type or print)

Exxon Corporation
Operator

P. O. Box 2443 4550 Dacono
Street Address or P.O. Box

Houston, Texas 77001
City, State Zip Code

713 680-5326
Area Code Telephone

January 18, 1978
Date

INSTRUCTIONS

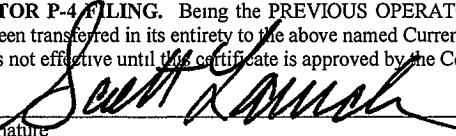
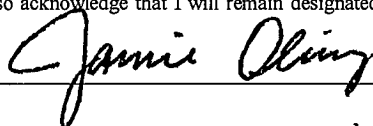
1. A. This form shall be filed by the operator in the RRC District Office with:
 - (1) Each copy of an initial Form C-1 or W-2 if a cementing report is required by Statewide or Special Rules, or if exception is needed to cementing requirements in Statewide or Special Rules;
 - (2) Each copy of Form W-3;
 - (3) Each copy of Form W-4 if a multiple parallel casing completion.
- B. At least an original and one copy of this form shall be filed for each cementing company used on a well.
- C. The cementing of different casing strings on a well by one cementing company may be consolidated on one form (to be filed in duplicate).
2. Cementing Company and Operator shall comply with the applicable portions of Statewide Rules 8, 13, and 14. For offshore operations, Cementing Company and Operator shall comply with Statewide Rule 14(E).
3. If setting FULL AMOUNT OF SURFACE CASING
 - A. Depth to protect fresh water determined by:
 - (1) Field Rule
 - (2) Texas Water Development Board, if no Field Rule.
 - B. Set surface casing below depth to be protected and cement from casing shoe to ground surface.
4. If setting ANYTHING OTHER THAN THE FULL AMOUNT OF SURFACE CASING, PERMISSION SHALL BE OBTAINED FROM THE RAILROAD COMMISSION.
5. If setting NO SURFACE CASING (See Item 4 above)
 - A. If no multi-stage tool is used, the next deeper casing string shall be cemented from the casing shoe to the surface.
 - B. If using the multi-stage tool on the next deeper string, cement from the depth that protects fresh water sands to the surface.
6. If setting SHORT SURFACE CASING (See Item 4 above)
 - A. Cement short surface casing from the shoe to the surface.
 - B. Whether the multi-stage tool is or is not used on the next deeper casing string, cement from the depth that protects fresh water sands to:
 - (1) the surface, or
 - (2) a point midway between shoe of surface string and the surface. Compliance will be considered if a temperature survey shows that the top of the cement is at least one-third of the distance from the shoe of the surface string to the surface.
7. Setting PRODUCTION STRING (Casing - Statewide Rules, Special Rules may vary)
 - A. Cement to a point at least 600 feet above the casing shoe.
 - B. When 3,000 feet or more of pipe is set for the production or protecting string, a minimum of 30 feet of cement shall be left inside the pipe.
8. PLUGGING and ABANDONING:
 - A. Cement plugs shall be placed in the well bore as required by Rules and Regulations of the Commission plus any additional plugs as may be specified by the RRC District Director.
 - B. The minimum amount of cement normally used in each plug shall be a slurry volume equal to the amount necessary to fill the calculated volume of 100 feet of the hole in which plug is placed.
 - C. A 70 foot cement plug is required to be placed in the top of the well.

RAILROAD COMMISSION OF TEXAS
 Oil and Gas Division
 PO Box 12967
 Austin TX 78711-2967
 www.rrc.state.tx.us

**CERTIFICATE OF COMPLIANCE
 AND TRANSPORTATION AUTHORITY**

P-4
 5/02

READ INSTRUCTIONS ON BACK

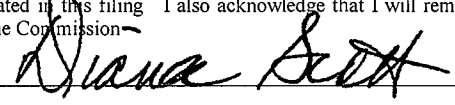
1. Field name exactly as shown on proration schedule KATY (COOK MOUNTAIN 2)		2. Lease name as shown on proration schedule KGFCU					
3. Current operator name exactly as shown on P-5 Organization Report Hilcorp Energy Company		4. Operator P-5 no. 386310	5. Oil Lse/Gas ID no. 145244	6. County Waller	7. RRC district 03		
8. Operator address including city, state, and zip code 1201 Louisiana, Suite 1400 HOUSTON, TX 77002		9. Well no(s) (see instruction E) 5103					
12. Purpose of Filing (Complete section a or b below) (See instructions B and G) a. Change of: <input checked="" type="checkbox"/> operator <input type="checkbox"/> oil or condensate gatherer <input type="checkbox"/> gas gatherer <input type="checkbox"/> gas purchaser <input type="checkbox"/> gas purchaser system code <input type="checkbox"/> field name from: _____ <input type="checkbox"/> lease name from: _____ OR b. New RRC Number for: <input type="checkbox"/> oil lease <input type="checkbox"/> gas well <input type="checkbox"/> other well (specify) _____ Due to: <input type="checkbox"/> new completion or recompletion <input type="checkbox"/> reclass oil to gas <input type="checkbox"/> reclass gas to oil <input type="checkbox"/> consolidation, unitization, or subdivision (oil lease only)		10. Classification <input type="checkbox"/> Oil <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Other (see instruction A)		11. Effective Date 01/2013			
13. Authorized GAS WELL GAS or CASINGHEAD GAS Gatherer(s) and/or Purchaser(s). (See instruction G)							
Gatherer	Purchaser	Name of GAS WELL GAS or CASINGHEAD GAS Gatherer(s) or Purchaser(s) As Indicated in Columns to the Left <i>(Attach an additional sheet in same format if more space is needed)</i>			Purchaser's RRC Assigned System Code	Percent of Take	Full-well stream
	X	SOUTHCROSS MARKETING COMPANY LTD			0001	100%	
	X	SOUTHCROSS GATHERING LTD			0001	100 %	
OIL & GAS WELL COMPLIANCE AUSTIN, TX							
14. Authorized OIL or CONDENSATE Gatherer(s) (See instruction G).							
Name of OIL or CONDENSATE Gatherer(s) - List Highest Volume Gatherer First <i>(Attach an additional sheet in same format if more space is needed)</i>				Percent of Take	RRC USE ONLY Reviewer's initials aa Approval date 3/14/13		
ENTERPRISE CRUDE OIL, LLC				100%			
15. PREVIOUS OPERATOR CERTIFICATION FOR CHANGE OF OPERATOR P-4 FILING. Being the PREVIOUS OPERATOR, I certify that operating responsibility for the well(s) designated in this filing, located on the subject lease has been transferred in its entirety to the above named Current Operator. I understand, as Previous Operator, that designation of the above named operator as Current Operator is not effective until this certificate is approved by the Commission.							
Forest Oil Corporation Name of Previous Operator				Signature 			
Scott Laverde Name (print)				<input checked="" type="checkbox"/> Authorized Employee of previous operator <input type="checkbox"/> Authorized agent of previous operator (see instruction G)			
Vice President Title				Date 2/11/13 Phone with area code (713) 754-6261			
16. CURRENT OPERATOR CERTIFICATION. By signing this certificate as the Current Operator, I certify that all statements on this form are true and correct and I acknowledge responsibility for the regulatory compliance of the subject lease including plugging of well(s) pursuant to Rule 14. I further acknowledge that I assume responsibility for the physical operation, control, and proper plugging of each well designated in this filing. I also acknowledge that I will remain designated as the Current Operator until a new certificate designating a new Current Operator is approved by the Commission							
Jamie L. Olivarez Name (print)				Signature 			
Regulatory Analyst Title				<input checked="" type="checkbox"/> Authorized Employee of current operator <input type="checkbox"/> Authorized agent of current operator (see instruction G)			
Jolivarez@hilcorp.com E-mail Address (optional)				Date 2/14/13 Phone with area code (713) 289-2838			

RAILROAD COMMISSION OF TEXAS
 Oil and Gas Division
 PO Box 12967
 Austin TX 78711-2967
 www.rrc.state.tx.us

**CERTIFICATE OF COMPLIANCE
 AND TRANSPORTATION AUTHORITY**

P-4
 5/02

READ INSTRUCTIONS ON BACK

1. Field name exactly as shown on proration schedule KATY (COOK MOUNTAIN 2)		2. Lease name as shown on proration schedule KGFCU		
3. Current operator name exactly as shown on P-5 Organization Report Forest Oil Corporation		4. Operator P-5 no. 275740	5. Oil Lse/Gas ID no. 145244	6. County Waller
8. Operator address including city, state, and zip code 500 DALLAS, SUITE 2700 HOUSTON, TX 77002		9. Well no(s) (see instruction E) 5103		
12. Purpose of Filing (Complete section a or b below.) (See instructions B and G) a. Change of: <input type="checkbox"/> operator <input checked="" type="checkbox"/> oil or condensate gatherer <input type="checkbox"/> gas gatherer <input type="checkbox"/> gas purchaser <input type="checkbox"/> gas purchaser system code <input type="checkbox"/> field name from: _____ <input type="checkbox"/> lease name from: _____ OR b. New RRC Number for: <input type="checkbox"/> oil lease <input type="checkbox"/> gas well <input type="checkbox"/> other well (specify) _____ Due to: <input type="checkbox"/> new completion or recompletion <input type="checkbox"/> reclass oil to gas <input type="checkbox"/> reclass gas to oil <input type="checkbox"/> consolidation, unitization, or subdivision (oil lease only)		10. Classification <input type="checkbox"/> Oil <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Other (see instruction A)		
		11. Effective Date 12/2012		
13. Authorized GAS WELL GAS or CASINGHEAD GAS Gatherer(s) and/or Purchaser(s) (See instruction G)				
Gatherer	Purchaser	Name of GAS WELL GAS or CASINGHEAD GAS Gatherer(s) or Purchaser(s) As Indicated in Columns to the Left <i>(Attach an additional sheet in same format if more space is needed)</i>	Purchaser's RRC Assigned System Code	Percent of Take
	X	SOUTHCROSS MARKETING COMPANY LTD	0001	100%
	X	SOUTHCROSS GATHERING LTD	0001	100%
RECEIVED RRC OF TEXAS DEC 03 2012 OIL & GAS WELL COMPLIANCE AUSTIN, TX				
14. Authorized OIL or CONDENSATE Gatherer(s) (See instruction G)			RRC USE ONLY	
Name of OIL or CONDENSATE Gatherer(s) - List Highest Volume Gatherer First <i>(Attach an additional sheet in same format if more space is needed)</i>		Percent of Take	Reviewer's initials YPA	
ENTERPRISE CRUDE OIL, LLC		100%	Approval date: 12/3/12	
15. PREVIOUS OPERATOR CERTIFICATION FOR CHANGE OF OPERATOR P-4 FILING. Being the PREVIOUS OPERATOR, I certify that operating responsibility for the well(s) designated in this filing, located on the subject lease has been transferred in its entirety to the above named Current Operator. I understand, as Previous Operator, that designation of the above named operator as Current Operator is not effective until this certificate is approved by the Commission.				
Name of Previous Operator		Signature		
Name (print)		<input type="checkbox"/> Authorized Employee of previous operator <input type="checkbox"/> Authorized agent of previous operator (see instruction G)		
Title		Date		
		Phone with area code		
16. CURRENT OPERATOR CERTIFICATION. By signing this certificate as the Current Operator, I certify that all statements on this form are true and correct and I acknowledge responsibility for the regulatory compliance of the subject lease including plugging of well(s) pursuant to Rule 14. I further acknowledge that I assume responsibility for the physical operation, control, and proper plugging of each well designated in this filing. I also acknowledge that I will remain designated as the Current Operator until a new certificate designating a new Current Operator is approved by the Commission.				
Name (print) Diana Scott		Signature 		
Title Sr. Regulatory Specialist		<input checked="" type="checkbox"/> Authorized Employee of current operator <input type="checkbox"/> Authorized agent of current operator (see instruction G)		
E-mail Address (optional) dscott@forestoil.com		Date 11/30/12		
		Phone with area code (713) 830-6877		

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division
PO Box 12967
Austin TX 78711-2967
www.rrc.state.tx.us

**CERTIFICATE OF COMPLIANCE
AND TRANSPORTATION AUTHORITY**

P-4
5/02

READ INSTRUCTIONS ON BACK

1. Field name exactly as shown on proration schedule KATY (COOK MOUNTAIN 2)		2. Lease name as shown on proration schedule KGFCU			
3. Current operator name exactly as shown on P-5 Organization Report Forest Oil Corporation		4. Operator P-5 no. 275740	5. Oil Lse/Gas ID no. 145244	6. County Waller	
8. Operator address including city, state, and zip code 500 DALLAS, SUITE 2700 HOUSTON, TX 77002		9. Well no(s) (see instruction E) 5103			
12. Purpose of Filing (Complete section a or b below) (See instructions B and G)		10. Classification <input type="checkbox"/> Oil <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Other (see instruction A)		11. Effective Date 11/2012	
a. Change of: <input type="checkbox"/> operator <input type="checkbox"/> oil or condensate gatherer <input checked="" type="checkbox"/> gas gatherer <input checked="" type="checkbox"/> gas purchaser <input type="checkbox"/> gas purchaser system code <input type="checkbox"/> field name from: _____ <input type="checkbox"/> lease name from: _____ OR b. New RRC Number for: <input type="checkbox"/> oil lease <input type="checkbox"/> gas well <input type="checkbox"/> other well (specify) _____ Due to: <input type="checkbox"/> new completion or recompletion <input type="checkbox"/> reclass oil to gas <input type="checkbox"/> reclass gas to oil <input type="checkbox"/> consolidation, unitization, or subdivision (oil lease only)					
13. Authorized GAS WELL GAS or CASINGHEAD GAS Gatherer(s) and/or Purchaser(s) (See instruction G)					
Gatherer	Purchaser	Name of GAS WELL GAS or CASINGHEAD GAS Gatherer(s) or Purchaser(s) As Indicated in Columns to the Left <i>(Attach an additional sheet in same format if more space is needed)</i>	Purchaser's RRC Assigned System Code	Percent of Take	Full-well stream
	X	SOUTHCROSS MARKETING COMPANY LTD	0001	100%	
	X	SOUTHCROSS GATHERING LTD	0001	100%	
					
14. Authorized OIL or CONDENSATE Gatherer(s). (See instruction G).			RRC USE ONLY		
Name of OIL or CONDENSATE Gatherer(s) - List Highest Volume Gatherer First <i>(Attach an additional sheet in same format if more space is needed)</i>		Percent of Take	Reviewer's initials: DT		
SHELL TRADING (US) CO (774715)		100%	Approval date: 11/19/12		
15. PREVIOUS OPERATOR CERTIFICATION FOR CHANGE OF OPERATOR P-4 FILING. Being the PREVIOUS OPERATOR, I certify that operating responsibility for the well(s) designated in this filing, located on the subject lease has been transferred in its entirety to the above named Current Operator. I understand, as Previous Operator, that designation of the above named operator as Current Operator is not effective until this certificate is approved by the Commission.					
Name of Previous Operator		Signature			
Name (print)		<input type="checkbox"/> Authorized Employee of previous operator		<input type="checkbox"/> Authorized agent of previous operator (see instruction G)	
Title		Date		Phone with area code	
16. CURRENT OPERATOR CERTIFICATION. By signing this certificate as the Current Operator, I certify that all statements on this form are true and correct and I acknowledge responsibility for the regulatory compliance of the subject lease including plugging of well(s) pursuant to Rule 14. I further acknowledge that I assume responsibility for the physical operation, control, and proper plugging of each well designated in this filing. I also acknowledge that I will remain designated as the Current Operator until a new certificate designating a new Current Operator is approved by the Commission.					
Name (print) Diana Scott		Signature 			
Title Sr. Regulatory Specialist		<input checked="" type="checkbox"/> Authorized Employee of current operator		<input type="checkbox"/> Authorized agent of current operator (see instruction G)	
E-mail Address (optional) djscott@forestoil.com		Date 11/09/12		Phone with area code (713) 830-6877	

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division
PO Box 12967
Austin TX 78711-2967
www.rrc.state.tx.us

CERTIFICATE OF COMPLIANCE
AND TRANSPORTATION AUTHORITY

P-4
5/02

READ INSTRUCTIONS ON BACK

1. Field name exactly as shown on proration schedule Katy (COOK Mtn. 2)		2. Lease name as shown on proration schedule KGF CU				
3. Current operator name exactly as shown on P-5 Organization Report Exxon Mobil Corporation		4. Operator P-5 no. 257128	5. Oil Lse/Gas ID no. 145244	6. County Waller	7. RRC district 03	
8. Operator address including city, state, and zip code		9. Well no(s) (see instruction E) 5103				
10. Classification <input type="checkbox"/> Oil <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Other (see instruction A)				11. Effective Date 3-01-03		

12. Purpose of Filing. (Complete section a or b below.) (See instructions B and G)

a. Change of: operator oil or condensate gatherer gas gatherer gas purchaser gas purchaser system code

field name from: _____
 lease name from: _____

OR

b. New RRC Number for: oil lease gas well other well (specify) _____

Due to: new completion or recompletion reclass oil to gas reclass gas to oil
 consolidation, unitization, or subdivision (oil lease only)

13. Authorized GAS WELL GAS or CASINGHEAD GAS Gatherer(s) and/or Purchaser(s) (See instruction G)					
Gatherer	Purchaser	Name of GAS WELL GAS or CASINGHEAD GAS Gatherer(s) or Purchaser(s) As indicated in Columns to the Left (Attach an additional sheet in same format if more space is needed)	Purchaser's RRC Assigned System Code	Percent of Take	Full-well stream
X		Exxon Mobil Corporation	001	100%	✓
	X	Houston Pipeline Co LP	001	51.24%	
	X	Exxon Mobil Corporation	001	45.89%	
	X	Kinder Morgan Tejas Pipeline, LP	001	2.19%	
	X	El Paso Merchant Energy, LP	001	.44%	
	X	Kinder Morgan Ship Channel PL, LP	001	.24%	

14. Authorized OIL or CONDENSATE Gatherer(s) (See instruction G)			RRC USE ONLY	
Name of OIL or CONDENSATE Gatherer(s) - List Highest Volume Gatherer First (Attach an additional sheet in same format if more space is needed)	Percent of Take	Reviewer's initials	Approval date	

15. PREVIOUS OPERATOR CERTIFICATION FOR CHANGE OF OPERATOR P-4 FILING. Being the PREVIOUS OPERATOR, I certify that operating responsibility for the well(s) designated in this filing, located on the subject lease has been transferred in its entirety to the above named Current Operator. I understand, as Previous Operator, that designation of the above named operator as Current Operator is not effective until this certificate is approved by the Commission.

Name of Previous Operator _____ Signature _____

Authorized Employee of previous operator Authorized agent of previous operator (see instruction G)

Name (print) _____

Title _____ Date _____ Phone with area code _____

16. CURRENT OPERATOR CERTIFICATION. By signing this certificate as the Current Operator, I certify that all statements on this form are true and correct and I acknowledge responsibility for the regulatory compliance of the subject lease including plugging of well(s) pursuant to Rule 14. I further acknowledge that I assume responsibility for the physical operation, control, and proper plugging of each well designated in this filing. I also acknowledge that I will remain designated as the Current Operator until a new certificate designating a new Current Operator is approved by the Commission.

Mike V. Casey _____ Signature _____

Authorized Employee of current operator Authorized agent of current operator (see instruction G)

Name (print) _____

Regulatory Specialist _____

Title _____

Mike.v.casey@exxonmobil.com _____ Date April 24, 2003 Phone with area code (713) 431-1421

E-mail Address (optional) _____

RAILROAD COMMISSION OF TEXAS
 Oil and Gas Division
 PO Box 12967
 Austin TX 78711-2967
 www.rrc.state.tx.us

**CERTIFICATE OF COMPLIANCE
 AND TRANSPORTATION AUTHORITY**

P-4
 5/02

READ INSTRUCTIONS ON BACK

1. Field name exactly as shown on proration schedule Katy (Cook Mtn. 2)		2. Lease name as shown on proration schedule KGFCU	
3. Current operator name exactly as shown on P-5 Organization Report Exxon Mobil Corporation		4. Operator P-5 no. 257128	5. Oil Lsc/Gas ID no. 145244
8. Operator address including city, state, and zip code P.O. Box 4358 Houston, Texas 77210-4358		6. County Waller	
		7. RRC district 03	
		9. Well no(s) (see instruction E) 5103	
		10. Classification <input type="checkbox"/> Oil <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Other (see instruction A)	11. Effective Date 1-1-2003
12. Purpose of Filing. (Complete section a or b below.) (See instructions B and G)			
a. Change of: <input type="checkbox"/> operator <input type="checkbox"/> oil or condensate gatherer <input type="checkbox"/> gas gatherer <input checked="" type="checkbox"/> gas purchaser <input type="checkbox"/> gas purchaser system code			
OR			
b. New RRC Number for: <input type="checkbox"/> oil lease <input type="checkbox"/> gas well <input type="checkbox"/> other well (specify) _____ Due to: <input type="checkbox"/> new completion or recompletion <input type="checkbox"/> reclass oil to gas <input type="checkbox"/> reclass gas to oil <input type="checkbox"/> consolidation, unitization, or subdivision (oil lease only)			

13. Authorized GAS WELL GAS or CASINGHEAD GAS Gatherer(s) and/or Purchaser(s). (See instruction O)					
Gatherer	Purchaser	Name of GAS WELL GAS or CASINGHEAD GAS Gatherer(s) or Purchaser(s) As Indicated in Columns to the Left (Attach an additional sheet in same format if more space is needed)	Purchaser's RRC Assigned System Code	Percent of Take	Full-well stream
X		Exxon Mobil Corporation	0001	100%	X
	X	Houston Pipeline Company, LP	0001	51.24%	
	X	Exxon Mobil Corporation	0001	42.12%	
	X	Duke Energy Trading and Marketing, LLC	0001	3.77%	
	X	Kinder Morgan Texas Pipeline, LP	0001	2.19%	
	X	El Paso Merchant Energy, LP	0001	.44%	

14. Authorized OIL or CONDENSATE Gatherer(s). (See instruction G)		RRC USE ONLY	
Name of OIL or CONDENSATE Gatherer(s) - List Highest Volume Gatherer First (Attach an additional sheet in same format if more space is needed)	Percent of Take	Reviewer's initials	Approval date
			2/27/03

15. PREVIOUS OPERATOR CERTIFICATION FOR CHANGE OF OPERATOR P-4 FILING. Being the PREVIOUS OPERATOR, I certify that operating responsibility for the well(s) designated in this filing, located on the subject lease has been transferred in its entirety to the above named Current Operator. I understand, as Previous Operator, that designation of the above named operator as Current Operator is not effective until this certificate is approved by the Commission.

Name of Previous Operator	Signature
Name (print)	<input type="checkbox"/> Authorized Employee of previous operator <input type="checkbox"/> Authorized agent of previous operator (see instruction G)
Title	Date
	Phone with area code

16. CURRENT OPERATOR CERTIFICATION. By signing this certificate as the Current Operator, I certify that all statements on this form are true and correct and I acknowledge responsibility for the regulatory compliance of the subject lease including plugging of well(s) pursuant to Rule 14. I further acknowledge that I assume responsibility for the physical operation, control, and proper plugging of each well designated in this filing. I also acknowledge that I will remain designated as the Current Operator until a new certificate designating a new Current Operator is approved by the Commission.

Name (print)	Signature
Regulatory Specialist	<input checked="" type="checkbox"/> Authorized Employee of current operator <input type="checkbox"/> Authorized agent of current operator (see instruction G)
Title	Date
mike.v.casey@exxonmobil.com	2-18-03
E-mail Address (optional)	Phone with area code
	(713) 431-1421

RAILROAD COMMISSION OF TEXAS
 Oil and Gas Division
 PO Box 12967
 Austin TX 78711-2967
 www.rrc.state.tx.us

**CERTIFICATE OF COMPLIANCE
 AND TRANSPORTATION AUTHORITY**

P-4
 5/02

READ INSTRUCTIONS ON BACK

1. Field name exactly as shown on proration schedule Katy (Cook Mtn. 2)		2. Lease name as shown on proration schedule KGFUCU		
3. Current operator name exactly as shown on P-5 Organization Report Exxon Mobil Corporation		4. Operator P-5 no. 257128	5. Oil Lse/Gas ID no. 145244	6. County Waller
8. Operator address including city, state, and zip code P.O. Box 4358 Houston, Texas 77210-4358		9. Well no(s) (see instruction E) 5103		
		10. Classification <input type="checkbox"/> Oil <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Other (see instruction A)		11. Effective Date 01/01/2003
12. Purpose of Filing. (Complete section a or b below.) (See instructions B and G)				
a. Change of: <input type="checkbox"/> operator <input type="checkbox"/> oil or condensate gatherer <input type="checkbox"/> gas gatherer <input checked="" type="checkbox"/> gas purchaser <input type="checkbox"/> gas purchaser system code				
OR <input type="checkbox"/> field name from: _____ <input type="checkbox"/> lease name from: _____				
b. New RRC Number for: <input type="checkbox"/> oil lease <input type="checkbox"/> gas well <input type="checkbox"/> other well (specify) _____				
Due to: <input type="checkbox"/> new completion or recompletion <input type="checkbox"/> reclass oil to gas <input type="checkbox"/> reclass gas to oil <input type="checkbox"/> consolidation, unitization, or subdivision (oil lease only)				

13. Authorized GAS WELL GAS or CASINGHEAD GAS Gatherer(s) and/or Purchaser(s). (See instruction G)					
Gatherer	Purchaser	Name of GAS WELL GAS or CASINGHEAD GAS Gatherer(s) or Purchaser(s) As Indicated in Columns to the Left (Attach an additional sheet in same format if more space is needed)	Purchaser's RRC Assigned System Code	Percent of Take	Full-well stream
	X	Kinder Morgan Ship Channel PL, LP	0001	.24%	
RECEIVED RRC OF TEXAS FEB 26 2003 O&G AUSTIN TX					

14. Authorized OIL or CONDENSATE Gatherer(s). (See instruction G)			RRC USE ONLY	
Name of OIL or CONDENSATE Gatherer(s) - List Highest Volume Gatherer First (Attach an additional sheet in same format if more space is needed)	Percent of Take	Reviewer's initials	Approval date	

15. PREVIOUS OPERATOR CERTIFICATION FOR CHANGE OF OPERATOR P-4 FILING. Being the PREVIOUS OPERATOR, I certify that operating responsibility for the well(s) designated in this filing, located on the subject lease has been transferred in its entirety to the above named Current Operator. I understand, as Previous Operator, that designation of the above named operator as Current Operator is not effective until this certificate is approved by the Commission.

Name of Previous Operator _____

Signature _____

Name (print) _____

Authorized Employee of previous operator

Authorized agent of previous operator (see instruction G)

Title _____

Date _____

Phone with area code _____

16. CURRENT OPERATOR CERTIFICATION. By signing this certificate as the Current Operator, I certify that all statements on this form are true and correct and I acknowledge responsibility for the regulatory compliance of the subject lease including plugging of well(s) pursuant to Rule 14. I further acknowledge that I assume responsibility for the physical operation, control, and proper plugging of each well designated in this filing. I also acknowledge that I will remain designated as the Current Operator until a new certificate designating a new Current Operator is approved by the Commission.

Mike V. Casey

Signature _____

Name (print) _____

Authorized Employee of current operator

Authorized agent of current operator (see instruction G)

Title _____

Regulatory Specialist

E-mail Address (optional) mike.v.casey@exxonmobil.com

Date 2-18-03

Phone with area code (713) 431-1421

RAILROAD COMMISSION OF TEXAS PRODUCER'S TRANSPORTATION AUTHORITY
Oil and Gas Division AND CERTIFICATE OF COMPLIANCE

FORM P-4

5/90

READ INSTRUCTIONS ON BACK

1. Field name exactly as shown on proration schedule Katy (Cook Mountain 2)		2. Lease name Katy GF Cons. U	
3. Operator name exactly as shown on P-5 Organization Report Exxon Mobil Corporation		4. Operator P-5 no. 257128	5. Oil lease no. —
7. Operator address including city, state, and zip code P.O. Box 4358 Houston, Texas 77210-4358		8. County in which oil lease or gas well is actually located Waller	6. RRC district no. 3
		9. Gas ID no. 145244	10. Gas well no. 5103
		11. Effective date 9/1/01	

12. GAS-WELL GAS OR CASINGHEAD GAS. Additional space and example on reverse side.

Type Operation			Name of gatherer, purchaser, and/or nominator as indicated in type operation columns NOTE: For each purchaser, give its RRC-assigned system code and identify the market. If applicable, place an "X" in the full-well stream column for the gatherer.	RRC USE ONLY		Purchaser's RRC Assigned System Code	Purchaser's Market		Percent of Take	Full-well stream
Gatherer	Purchaser	Nominator		G/P/N Code			Inter-state	Intra-state		
X			Exxon Mobil Corporation			0001		X	100%	X
	X		Exxon Mobil Corporation			0001		X	42.38	
	X		Tejas Ship Channel, LLC			0008		X	22.78	
	X		Houston Pipeline Co.			0001		X	11.30	
	X		Kerr-McGee Oil & Gas Onshore LLC			0013		X	9.90	
	X		TXU Gas Distribution			0038		X	5.69	
	X		Duke Energy Trading & Marketing, LLC			0001		X	3.76	

13. NAME OF OIL OR CONDENSATE GATHERER List highest volume gatherer first		Percent of Take	RRC USE ONLY Gath. code		14. PURPOSE OF FILING. Remarks: a. <input type="checkbox"/> New oil lease <input type="checkbox"/> New gas well <input type="checkbox"/> Reclassification (oil to gas or gas to oil) <input type="checkbox"/> Consolidation, unitization or subdivision b. CHANGE <input type="checkbox"/> Gatherer <input type="checkbox"/> Nominator <input checked="" type="checkbox"/> Purchaser <input type="checkbox"/> Purchaser's system code
RECEIVED RRC OF TEXAS SEP 14 2001 O&G AUSTIN TX					
RRC USE ONLY Approved (Initials) <u>JFO</u> Oper. No. _____ Date <u>9-18-01</u> Field No. _____ Remarks: _____		c. CHANGE FROM <input type="checkbox"/> Operator _____ <input type="checkbox"/> Field Name _____ <input type="checkbox"/> Lease Name _____			

15. OPERATOR CHANGE. Being the PREVIOUS OPERATOR, I certify that operating responsibility for wells located on the subject lease has been transferred in its entirety to the above named Current Operator. I understand, as Previous Operator, that designation of the above named operator as Current Operator is not effective until this certificate is approved by the Commission.

Previous Operator _____ Date _____
 Signature _____ Name (Print) _____
 Title _____ Phone () _____
 Address with city/state/zip _____

16. CURRENT OPERATOR'S CERTIFICATION. By signing this certificate as the CURRENT OPERATOR, I acknowledge responsibility for the regulatory compliance of the subject lease, INCLUDING PLUGGING OF WELLS if required under Statewide Rule 14. I also acknowledge that I will remain designated as the Current Operator until a new certificate designating a new Current Operator is approved by the Commission.

Signature M.V. Casey Name (Print) M. V. Casey
 Title Regulatory Analyst Date 9/12/01 Phone (713) 431-1421

I, the Current Operator, certify that the above agent is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property in accordance with the regulations of the Railroad Commission of Texas, and that this authorization will be valid until further notice or until cancelled by the Railroad Commission of Texas, and further certify that the conservation laws of the State of Texas and all rules, regulations and orders of the Railroad Commission of Texas have been complied with in respect to the property covered by this report

check if listings are continued on reverse side

Additional Listings for Gas Well Gas and Casinghead Gas

Type Operation			Name of gatherer, purchaser, and/or nominator as indicated in type operation columns NOTE: For each purchaser, give its RRC-assigned system code and identify the market. If applicable, place an "X" in the full-well stream column for the gatherer.	RRC USE ONLY				Purchaser's RRC Assigned System Code	Purchaser's Market		Percent of Take	Full-well stream
gatherer	purchaser	nominator		G/P/N Code					inter-state	intra-state		
	X		Kinder Morgan Texas Pipeline, LP					0001		X	2.16	
	X		Panhandle Gas Company					0027		X	1.86	
	X		El Paso Merchant Energy, LP					0001			0.17	

Example

X	X	X	All-Tex Gathering Company								25.00	
X	X	X	Trans-Tex Pipelines, Inc.					001		X	75.00	X
X	X	X	All-Tex Oil and Gas Company					003	X		25.00	
X	X	X	All-Tex Gasco								25.00	

INSTRUCTIONS

Form P-4: Producer's Transportation Authority
and Certificate of Compliance
Reference: Statewide Rule 58

Who Files The operator of any oil, gas well gas, condensate, and/or casinghead gas producing property in the State must file a P-4 for each such property.

Purpose of Filing The P-4 must be filed to

- Identify all gatherers, purchasers, purchasers' RRC-assigned system codes, and nominators authorized for each oil lease or gas well NOTE: Except during initial testing, no production may leave the oil lease or gas well until the P-4 has been filed and a letter of approval from the Railroad Commission received by all parties. If, during initial production testing, large quantities of oil or condensate are produced, application may be made on Form P-8: Request for Clearance of Storage Tanks prior to potential test to the appropriate district office for issuance of temporary transportation authority. For initial test purposes, a gas well may produce into a pipeline without a P-4 authorization no more than 30 days.
- Certify that production from the subject property is in accordance with the laws of Texas and the rules, regulations, and orders of the Commission.
- Establish status on Commission records as operator of the subject property.
- Notify the Commission of changes in

Operator (see No. 6, below) Field Name (see No. 7, below) Nominator Lease Name
Gatherer Purchaser System Code Purchaser Reclassification (oil to gas or gas to oil)

or when consolidations, unitizations, or subdivisions take place (see No. 5, below).

NOTE: When filing a P-4 for changes, the form must be completed in its entirety, not just in areas being changed.

What and Where to File The original only of the P-4 is to be filed with the Railroad Commission in Austin
Oil and Gas Division
P. O. Drawer 12967 — Capitol Station
Austin, Texas 78711-2967

Revocation This authorization may be revoked by the Commission at any time for failure to comply with the oil and gas laws of the State of Texas and the rules, regulations, and orders of the Railroad Commission of Texas.

DETAILED INSTRUCTIONS

- An effective date is required only when the P-4 is filed for changes.
- For split connections, percentages of take must be given to no more than two decimal points. Combined percentages for gas or liquid gatherers must equal 100 percent; combined percentages for gas purchasers must equal 100 percent; and, combined percentages for gas nominators must equal 100 percent.
- An RRC-assigned system code and market identification must be given for each purchaser listed in No. 12. If gas is going full-well stream to a processing plant, an "X" is to be placed in the last column on the line naming the gatherer of that gas.
- If additional space is required for listings, use an attachment in the same format as Items 12 and 13, including blank areas for Railroad Commission use.
- The following attachments must be filed for a consolidation, subdivision, or unitization:
 - Form P-6
 - Before and after plats showing changes, distances to lease line and between wells, and, if acreage is in the field's allocation formula, proration units assigned.
 - A letter certifying that there is no overproduction on the subject leases at the time of application.
- For changes of operator:
 - The Previous Operator must complete Item 15. If impossible, leave blank and attach a letter of explanation and supporting documentation.
 - The Current (new) Operator must have a Form P-5 Organization Report on file with the Commission.
 - If a SWR 14(b)(2) plugging extension has already been granted or is required on the subject property or any well on that property, the Current (new) Operator must make arrangements for a new extension before the P-4 change can be approved.
 - Responsibility for ALL wells on an oil lease is to be transferred. Otherwise, the lease must be subdivided.
 - After the P-4 is filled out and signed by both the Previous Operator and the Current Operator, the Previous Operator should file the P-4 with the Commission or ensure that it is filed immediately. NOTE: Responsibility for plugging and all other regulatory compliance obligations will not transfer from the Previous Operator to the Current Operator until the P-4 is filed with and approved by the Commission.
- Field name changes, that is, transfers, must be reviewed by technical staff. If supporting documents are required, the operator will be notified.
- To change a gas well number, submit a Form G-1 or a letter of request; do not use Form P-4.

READ INSTRUCTIONS ON BACK

1. Field name exactly as shown on proration schedule <i>Katy (Cook Mountain 2)</i>		2. Lease name <i>Katy GF Cons. U</i>	
3. Operator name exactly as shown on P-5 Organization Report <i>Exxon Corp</i>		4. Operator P-5 no. <i>257097</i>	5. Oil lease no. <i>-</i>
7. Operator address including city, state, and zip code <i>P.O. Box 4358 Houston, TX 77210-4358</i>		8. County in which oil lease or gas well is actually located <i>Walker</i>	6. RRC district no. <i>03</i>
		9. Gas ID no. <i>145244</i>	10. Gas well no. <i>5103</i>
		11. Effective date <i>9/1/96</i>	

12. GAS WELL GAS OR CASINGHEAD GAS. Additional space and example on reverse side.

Type Operation			Name of gatherer, purchaser, and/or nominator as indicated in type operation columns NOTE: For each purchaser, give its RRC-assigned system code and identify the market. If applicable, place an "X" in the full-well stream column for the gatherer.	RRC USE ONLY		Purchaser's RRC Assigned System Code	Purchaser's Market		Percent of Take	Full-well stream
gatherer	purchaser	nominator		G/P/N Code			inter-state	intra-state		
X			<i>Exxon Corp</i>				X		<i>100</i>	<i>✓</i>
	X		<i>Exxon Corp</i>	<i>RECEIVED R.R.C. OF TEXAS MAR 20 1997</i>		<i>0001</i>	X		<i>42.38</i>	<i>✓</i>
	X		<i>Amoco Gas Co.</i>	<i>AUSTIN TEXAS</i>		<i>0008</i>	X		<i>22.78</i>	<i>✓</i>
X			<i>Enron C&T Resources</i>			<i>0001</i>	X		<i>11.30</i>	<i>✓</i>
X			<i>Oryx Energy Co.</i>			<i>0005</i>	X		<i>9.90</i>	<i>✓</i>
X			<i>Lone Star Gas Co.</i>			<i>0038</i>	X		<i>5.69</i>	<i>✓</i>
X			<i>Midcon Texas Pipeline Corp</i>			<i>0001</i>	X		<i>2.16</i>	<i>✓</i>

13. NAME OF OIL OR CONDENSATE GATHERER
List highest volume gatherer first

Percent of Take	RRC USE ONLY Gath. code

14. PURPOSE OF FILING. Remarks:

Change from Panenergy Field Services to Panenergy Trading & Marketing Services LLC

a. New oil lease New gas well
 Reclassification (oil to gas or gas to oil)
 Consolidation, unitization or subdivision

b. CHANGE Gatherer Nominator
 Purchaser Purchaser's system code

RRC USE ONLY

Approved (initials) *jh* Oper. No. _____
 Date *4-28-97* Field No. _____
 Remarks: _____

c. CHANGE FROM

Operator _____
 Field Name _____
 Lease Name _____

15. OPERATOR CHANGE. Being the PREVIOUS OPERATOR, I certify that operating responsibility for wells located on the subject lease has been transferred in its entirety to the above named Current Operator. I understand, as Previous Operator, that designation of the above named operator as Current Operator is not effective until this certificate is approved by the Commission.

Previous Operator _____ Date _____
 Signature _____ Name (Print) _____
 Title _____ Phone () _____
 Address with city/state/zip _____

16. CURRENT OPERATOR'S CERTIFICATION. By signing this certificate as the CURRENT OPERATOR, I acknowledge responsibility for the regulatory compliance of the subject lease, INCLUDING PLUGGING OF WELLS if required under Statewide Rule 14. I also acknowledge that I will remain designated as the Current Operator until a new certificate designating a new Current Operator is approved by the Commission.

Signature *Laurie B. Kilbride* Name (Print) *Laurie B. Kilbride*
 Title *Regulatory Specialist* Date *3/27/97* Phone *(281) 423-6814*

I, the Current Operator, certify that the above agent is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property in accordance with the regulations of the Railroad Commission of Texas, and that this authorization will be valid until further notice or until cancelled by the Railroad Commission of Texas, and further certify that the conservation laws of the State of Texas and all rules, regulations and orders of the Railroad Commission of Texas have been complied with in respect to the property covered by this report.

check if listings are continued on reverse side

Additional Listings for Gas Well Gas and Casinghead Gas

Type Operation			Name of gatherer, purchaser, and/or nominator as indicated in type operation columns NOTE: For each purchaser, give its RRC-assigned system code and identify the market. If applicable, place an "X" in the full-well stream column for the gatherer.	RRC USE ONLY		Purchaser's RRC Assigned System Code	Purchaser's Market		Percent of Take	Full-well stream
gatherer	purchaser	nominator		G/P/N Code			Inter-state	Intra-state		
	✓		Panhandle Gas Co.			0027	X		1.86	X
	✓		Channel Gas Marketing Co.			0003	X		0.17	X
	✓		Panenergy Trading & Marketing Services LLC			0001	X		3.76	X

Example

X	X	X	All-Tex Gathering Company						25.00	
X	X	X	Trans-Tex Pipelines, Inc.			001		X	75.00	X
			All-Tex Oil and Gas Company			003	X		25.00	
			All-Tex Gasco						25.00	

INSTRUCTIONS

Form P-4: Producer's Transportation Authority and Certificate of Compliance
Reference: Statewide Rule 58

Who Files The operator of any oil, gas well gas, condensate, and/or casinghead gas producing property in the State must file a P-4 for each such property.

Purpose of Filing The P-4 must be filed to

- Identify all gatherers, purchasers, purchasers' RRC-assigned system codes, and nominators authorized for each oil lease or gas well. NOTE: Except during initial testing, no production may leave the oil lease or gas well until the P-4 has been filed and a letter of approval from the Railroad Commission received by all parties. If, during initial production testing, large quantities of oil or condensate are produced, application may be made on Form P-8: Request for Clearance of Storage Tanks prior to potential test to the appropriate district office for issuance of temporary transportation authority. For initial test purposes, a gas well may produce into a pipeline without a P-4 authorization no more than 30 days.
- Certify that production from the subject property is in accordance with the laws of Texas and the rules, regulations, and orders of the Commission.
- Establish status on Commission records as operator of the subject property.
- Notify the Commission of changes in

Operator (see No. 6, below)	Field Name (see No. 7, below)	Nominator	Lease Name
Gatherer	Purchaser System Code	Purchaser	Reclassification (oil to gas or gas to oil)

or when consolidations, unitizations, or subdivisions take place (see No. 5, below).

NOTE: When filing a P-4 for changes, the form must be completed in its entirety, not just in areas being changed.

What and Where to File The original only of the P-4 is to be filed with the Railroad Commission in Austin
Oil and Gas Division
P. O. Drawer 12967 — Capitol Station
Austin, Texas 78711-2967

Revocation This authorization may be revoked by the Commission at any time for failure to comply with the oil and gas laws of the State of Texas and the rules, regulations, and orders of the Railroad Commission of Texas.

DETAILED INSTRUCTIONS

- An effective date is required only when the P-4 is filed for changes.
- For split connections, percentages of take must be given to no more than two decimal points. Combined percentages for gas or liquid gatherers must equal 100 percent; combined percentages for gas purchasers must equal 100 percent; and, combined percentages for gas nominators must equal 100 percent.
- An RRC-assigned system code and market identification must be given for each purchaser listed in No. 12. If gas is going full-well stream to a processing plant, an "X" is to be placed in the last column on the line naming the gatherer of that gas.
- If additional space is required for listings, use an attachment in the same format as Items 12 and 13, including blank areas for Railroad Commission use.
- The following attachments must be filed for a consolidation, subdivision, or unitization:
 - Form P-6
 - Before and after plats showing changes, distances to lease line and between wells, and, if acreage is in the field's allocation formula, proration units assigned.
 - A letter certifying that there is no overproduction on the subject leases at the time of application.
- For changes of operator:
 - The Previous Operator must complete Item 15. If impossible, leave blank and attach a letter of explanation and supporting documentation.
 - The Current (new) Operator must have a Form P-5 Organization Report on file with the Commission.
 - If a SWR 14(b)(2) plugging extension has already been granted or is required on the subject property or any well on that property, the Current (new) Operator must make arrangements for a new extension before the P-4 change can be approved.
 - Responsibility for ALL wells on an oil lease is to be transferred. Otherwise, the lease must be subdivided.
 - After the P-4 is filled out and signed by both the Previous Operator and the Current Operator, the Previous Operator should file the P-4 with the Commission or ensure that it is filed immediately. NOTE: Responsibility for plugging and all other regulatory compliance obligations will not transfer from the Previous Operator to the Current Operator until the P-4 is filed with and approved by the Commission.
- Field name changes, that is, transfers, must be reviewed by technical staff. If supporting documents are required, the operator will be notified.
- To change a gas well number, submit a Form G-1 or a letter of request; do not use Form P-4.

RAILROAD COMMISSION OF TEXAS PRODUCER'S TRANSPORTATION AUTHORITY
Oil and Gas Division AND CERTIFICATE OF COMPLIANCE

FORM P-4

5/90

READ INSTRUCTIONS ON BACK

1. Field name exactly as shown on proration schedule Katy (Cooch Mountain 2)		2. Lease name WFCU	
3. Operator name exactly as shown on P-5 Organization Report Exxon Corp		4. Operator P-5 no. 257097	5. Oil lease no. ---
7. Operator address including city, state, and zip code P.O. Box 4358 Houston, TX 77210-4358		8. County in which oil lease or gas well is actually located Waller	6. RRC district no. 03
		9. Gas ID no. 145244	10. Gas well no. 5103
		11. Effective date 11/1/94	

12. GAS WELL GAS OR CASINGHEAD GAS. Additional space and example on reverse side.

Type Operation			Name of gatherer, purchaser, and/or nominator as indicated in type operation columns NOTE: For each purchaser, give its RRC-assigned system code and identify the market. If applicable, place an "X" in the full-well stream column for the gatherer.	RRC USE ONLY	Purchaser's RRC Assigned System Code	Purchaser's Market		Percent of Take	Full-well stream
gatherer	purchaser	nominator		G/P/N Code		inter-state	intra-state		
XX			Exxon Corporation				XX	100.00	XX
	XX	XX	Exxon Corporation		0001		XX	42.38	XX
	XX	XX	Amoco Gas Company		0008		XX	22.78	XX
	XX	XX	Enron Gas Marketing, Inc.		0001		XX	11.30	XX
	XX	XX	Oryx Energy Company		0005		XX	9.90	XX
	XX	XX	Panhandle Gas Company		0027		XX	1.86	XX
	XX	XX	Lone Star Gas Company		0038		XX	5.69	XX

RECEIVED
R.R.C. OF TEXAS
APR 11 1995
AUSTIN, TEXAS

13. NAME OF OIL OR CONDENSATE GATHERER List highest volume gatherer first	Percent of Take	RRC USE ONLY Gath. code

14. PURPOSE OF FILING. Remarks:
Delete condensate gatherer.
Change to FWS.

a. New oil lease New gas well
 Reclassification (oil to gas or gas to oil)
 Consolidation, unitization or subdivision

b. CHANGE: Gatherer Nominator
 Purchaser Purchaser's system code

RRC USE ONLY

Approved (Initials) _____ Oper. No. _____
Date **7-24-95** _____ Field No. _____
Remarks: _____

c. CHANGE FROM
 Operator _____
 Field Name _____
 Lease Name _____

15. OPERATOR CHANGE. Being the PREVIOUS OPERATOR, I certify that operating responsibility for wells located on the subject lease has been transferred in its entirety to the above named Current Operator. I understand, as Previous Operator, that designation of the above named operator as Current Operator is not effective until this certificate is approved by the Commission.

Previous Operator _____ Date _____
Signature _____ Name (Print) _____
Title _____ Phone () _____
Address with city/state/zip _____

16. CURRENT OPERATOR'S CERTIFICATION. By signing this certificate as the CURRENT OPERATOR, I acknowledge responsibility for the regulatory compliance of the subject lease, INCLUDING PLUGGING OF WELLS if required under Statewide Rule 14. I also acknowledge that I will remain designated as the Current Operator until a new certificate designating a new Current Operator is approved by the Commission.

Signature **Judge A. Carratt** for **Laurie B. Kilbride**
Title **Regulatory Specialist** Name (Print) _____
Date **4/10/95** Date _____ Phone **(713) 775-6814** Phone () _____

I, the Current Operator, certify that the above agent is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property in accordance with the regulations of the Railroad Commission of Texas, and that this authorization will be valid until further notice or until cancelled by the Railroad Commission of Texas, and further certify that the conservation laws of the State of Texas and all rules, regulations and orders of the Railroad Commission of Texas have been complied with in respect to the property covered by this report.

check if listings are continued on reverse side

Type Operation			Name of gatherer, purchaser, and/or nominator as indicated in type operation columns NOTE: For each purchaser, give its RRC-assigned system code and identify the market. If applicable, place an "X" in the full well stream column for the gatherer.	RRC U3Z ONLY			Purchaser's RRC Assigned System Code	Purchaser's Market			Percent of Take	Full well stream
Gatherer	Purchaser	Nominator		U	3	Z		Inter state	Intra state	State		
	XX	XX	Midcon Texas Pipeline Corp.				0001			XX	2.16	XX
	XX	XX	Mobil Natural Gas Inc.				0081			XX	3.76	XX
	XX	XX	Channel Gas Marketing Co.				0003			XX	.17	XX

Example

XX			All-Tex Gathering Company								25.00	
XX	XX		Trans-Tex Pipelines, Inc.				001		XX		75.00	XX
XX			All-Tex Oil and Gas Company				003		XX		25.00	
XX			All-Tex Gasco								25.00	

INSTRUCTIONS

Form P-4: Producer's Transportation Authority and Certificate of Compliance
Reference: Statewide Rule 58

Who Files The operator of any oil, gas well gas, condensate, and/or casinghead gas producing property in the State must file a P-4 for each such property.

Purpose of Filing The P-4 must be filed to

- Identify all gatherers, purchasers, purchasers' RRC-assigned system codes, and nominators authorized for each oil lease or gas well. NOTE: Except during initial testing, no production may leave the oil lease or gas well until the P-4 has been filed and a letter of approval from the Railroad Commission received by all parties. If, during initial production testing, large quantities of oil or condensate are produced, application may be made on Form P-8: Request for Clearance of Storage Tanks prior to potential test to the appropriate district office for issuance of temporary transportation authority. For initial test purposes, a gas well may produce into a pipeline without a P-4 authorization no more than 30 days.
- Certify that production from the subject property is in accordance with the laws of Texas and the rules, regulations, and orders of the Commission.
- Establish status on Commission records as operator of the subject property.
- Notify the Commission of changes in
 - Operator (see No. 6, below)
 - Field Name (see No. 7, below)
 - Nominator
 - Lease Name
 - Gatherer
 - Purchaser System Code
 - Purchaser
 - Reclassification (oil to gas or gas to oil)

or when consolidations, unitizations, or subdivisions take place (see No. 5, below).

NOTE: When filing a P-4 for changes, the form must be completed in its entirety, not just in areas being changed.

What and Where to File The original only of the P-4 is to be filed with the Railroad Commission in Austin

Oil and Gas Division
P. O. Drawer 12967 — Capitol Station
Austin, Texas 78711-2967

Revocation This authorization may be revoked by the Commission at any time for failure to comply with the oil and gas laws of the State of Texas and the rules, regulations, and orders of the Railroad Commission of Texas.

DETAILED INSTRUCTIONS

- An effective date is required only when the P-4 is filed for changes.
- For split connections, percentages of take must be given to no more than two decimal points. Combined percentages for gas or liquid gatherers must equal 100 percent; combined percentages for gas purchasers must equal 100 percent; and, combined percentages for gas nominators must equal 100 percent.
- An RRC-assigned system code and market identification must be given for each purchaser listed in No. 12. If gas is going full-well stream to a processing plant, an "X" is to be placed in the last column on the line naming the gatherer of that gas.
- If additional space is required for listings, use an attachment in the same format as Items 12 and 13, including blank areas for Railroad Commission use.
- The following attachments must be filed for a consolidation, subdivision, or unitization:
 - Form P-6
 - Before and after plats showing changes, distances to lease line and between wells, and, if acreage is in the field's allocation formula, proration units assigned.
 - A letter certifying that there is no overproduction on the subject leases at the time of application.
- For changes of operator:
 - The Previous Operator must complete Item 15. If impossible, leave blank and attach a letter of explanation and supporting documentation.
 - The Current (new) Operator must have a Form P-5 Organization Report on file with the Commission.
 - If a SWR 14(b)(2) plugging extension has already been granted or is required on the subject property or any well on that property, the Current (new) Operator must make arrangements for a new extension before the P-4 change can be approved.
 - Responsibility for ALL wells on an oil lease is to be transferred. Otherwise, the lease must be subdivided.
 - After the P-4 is filled out and signed by both the Previous Operator and the Current Operator, the Previous Operator should file the P-4 with the Commission or ensure that it is filed immediately. NOTE: Responsibility for plugging and all other regulatory compliance obligations will not transfer from the Previous Operator to the Current Operator until the P-4 is filed with and approved by the Commission.
- Field name changes, that is, transfers, must be reviewed by technical staff. If supporting documents are required, the operator will be notified.
- To change a gas well number, submit a Form G-1 or a letter of request; do not use Form P-4.

READ INSTRUCTIONS ON BACK

1. Field name exactly as shown on proration schedule Katy (Coch Mountain 2)		2. Lease name Katy Gas Cons. U	
3. Operator name exactly as shown on P-5 Organization Report Exxon Corp		4. Operator P-5 no. 257097	5. Oil lease no.
7. Operator address including city, state, and zip code P.O. Box 4358 Houston, TX 77210-4358		8. County in which oil lease or gas well is actually located Waller	6. RRC district no. 03
		9. Gas ID no. 145244	10. Gas well no. 5103
		11. Effective date 11/1/94	

12. GAS WELL GAS OR CASINGHEAD GAS. Additional space and example on reverse side.

Type Operation			Name of gatherer, purchaser, and/or nominator as indicated in type operation columns NOTE: For each purchaser, give its RRC-assigned system code and identify the market. If applicable, place an "X" in the full-well stream column for the gatherer.	RRC USE ONLY		Purchaser's RRC Assigned System Code	Purchaser's Market		Percent of Take	Full-well stream
gatherer	purchaser	nominator		G/P/N Code			inter-state	intra-state		
XX			Exxon Corporation					XX	100.00	
	XX	XX	Exxon Corporation	257097	0001			XX	42.38	
	XX	XX	Amoco Gas Company	020420	0008			XX	22.78	
	XX	XX	Enron Gas Marketing, Inc.	253192	0001			XX	11.30	
	XX	XX	Onyx Energy Company	627127	0005			XX	9.90	
	XX	XX	Panhandle Gas Company		0027			XX	1.86	
	XX	XX	Lone Star Gas Company		0038			XX	5.69	

13. NAME OF OIL OR CONDENSATE GATHERER List highest volume gatherer first Scurlock Permian		Percent of Take 100.00	RRC USE ONLY Gath. code	14. PURPOSE OF FILING. Remarks. Change from FWS to condensate gatherer	
				a. <input type="checkbox"/> New oil lease <input type="checkbox"/> New gas well <input type="checkbox"/> Reclassification (oil to gas or gas to oil) <input type="checkbox"/> Consolidation, unitization or subdivision b. CHANGE <input checked="" type="checkbox"/> Gatherer <input checked="" type="checkbox"/> Nominator <input checked="" type="checkbox"/> Purchaser <input type="checkbox"/> Purchaser's system code	

RRC USE ONLY Approved (initials) <u>gh</u> Oper. No. _____ Date <u>1-18-95</u> Field No. _____ Remarks: _____		c. CHANGE FROM <input type="checkbox"/> Operator _____ <input type="checkbox"/> Field Name _____ <input type="checkbox"/> Lease Name _____	
--	--	---	--

15. OPERATOR CHANGE Being the PREVIOUS OPERATOR, I certify that operating responsibility for wells located on the subject lease has been transferred in its entirety to the above named Current Operator. I understand, as Previous Operator, that designation of the above named operator as Current Operator is not effective until this certificate is approved by the Commission.

Previous Operator _____ Date _____
Signature _____ Name (Print) _____
Title _____ Phone (____) _____
Address with city/state/zip _____

16. CURRENT OPERATOR'S CERTIFICATION. By signing this certificate as the CURRENT OPERATOR, I acknowledge responsibility for the regulatory compliance of the subject lease, INCLUDING PLUGGING OF WELLS if required under Statewide Rule 14. I also acknowledge that I will remain designated as the Current Operator until a new certificate designating a new Current Operator is approved by the Commission.

Signature Judy A. Barnett for Laurie B. Kilbride
Title Regulatory Specialist Name (Print) _____
Date 1/16/94 Phone (713) 775-6814

I, the Current Operator, certify that the above agent is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property in accordance with the regulations of the Railroad Commission of Texas, and that this authorization will be valid until further notice or until cancelled by the Railroad Commission of Texas, and further certify that the conservation laws of the State of Texas and all rules, regulations and orders of the Railroad Commission of Texas have been complied with in respect to the property covered by this report.

Annual Listings for Gas Well Gas and Casinghead Gas

Type Operation			Name of gatherer, purchaser, and/or nominator as indicated in type operation columns NOTE: For each purchaser, give its RRC-assigned system code and identify the market. If applicable, place an "X" in the full-well stream column for the gatherer.	RRC USE ONLY	Purchaser's RRC Assigned System Code	Purchaser's Market		Percent of Take	Full-well stream
gatherer	purchaser	nominator		G/P/N Code		Inter-state	Intra-state		
	XX	XX	Midcon Texas Pipeline Corp.	564745	0001		XX	2.16	
	XX	XX	Mobil Natural Gas Inc.	572390	0081		XX	3.76	
	XX	XX	Channel Gas Marketing Co.	144391	0003		XX	.17	

Example

			All-Tex Gathering Company					25.00	
			Trans-Tex Pipelines, Inc.		001		X	75.00	X
			All-Tex Oil and Gas Company		003	X		25.00	
			All-Tex Gasco					25.00	

INSTRUCTIONS

Form P-4: Producer's Transportation Authority and Certificate of Compliance
Reference: Statewide Rule 58

Who Files The operator of any oil, gas well gas, condensate, and/or casinghead gas producing property in the State must file a P-4 for each such property.

Purpose of Filing The P-4 must be filed to

- Identify all gatherers, purchasers, purchasers' RRC-assigned system codes, and nominators authorized for each oil lease or gas well. NOTE: Except during initial testing, no production may leave the oil lease or gas well until the P-4 has been filed and a letter of approval from the Railroad Commission received by all parties. If, during initial production testing, large quantities of oil or condensate are produced, application may be made on Form P-8: Request for Clearance of Storage Tanks prior to potential test to the appropriate district office for issuance of temporary transportation authority. For initial test purposes, a gas well may produce into a pipeline without a P-4 authorization no more than 30 days.
- Certify that production from the subject property is in accordance with the laws of Texas and the rules, regulations, and orders of the Commission.
- Establish status on Commission records as operator of the subject property.
- Notify the Commission of changes in

Operator (see No. 6, below) Field Name (see No. 7, below) Nominator Lease Name
Gatherer Purchaser System Code Purchaser Reclassification (oil to gas or gas to oil)

or when consolidations, unitizations, or subdivisions take place (see No. 5, below).

NOTE: When filing a P-4 for changes, the form must be completed in its entirety, not just in areas being changed.

What and Where to File The original only of the P-4 is to be filed with the Railroad Commission in Austin
Oil and Gas Division
P. O. Drawer 12967 — Capitol Station
Austin, Texas 78711-2967

Revocation This authorization may be revoked by the Commission at any time for failure to comply with the oil and gas laws of the State of Texas and the rules, regulations, and orders of the Railroad Commission of Texas.

DETAILED INSTRUCTIONS

- An effective date is required only when the P-4 is filed for changes.
- For split connections, percentages of take must be given to no more than two decimal points. Combined percentages for gas or liquid gatherers must equal 100 percent; combined percentages for gas purchasers must equal 100 percent; and, combined percentages for gas nominators must equal 100 percent.
- An RRC-assigned system code and market identification must be given for each purchaser listed in No. 12. If gas is going full-well stream to a processing plant, an "X" is to be placed in the last column on the line naming the gatherer of that gas.
- If additional space is required for listings, use an attachment in the same format as Items 12 and 13, including blank areas for Railroad Commission use.
- The following attachments must be filed for a consolidation, subdivision, or unitization:
 - Form P-6
 - Before and after plats showing changes, distances to lease line and between wells, and, if acreage is in the field's allocation formula, proration units assigned.
 - A letter certifying that there is no overproduction on the subject leases at the time of application.
- For changes of operator:
 - The Previous Operator must complete Item 15. If impossible, leave blank and attach a letter of explanation and supporting documentation.
 - The Current (new) Operator must have a Form P-5 Organization Report on file with the Commission.
 - If a SWR 14(b)(2) plugging extension has already been granted or is required on the subject property or any well on that property, the Current (new) Operator must make arrangements for a new extension before the P-4 change can be approved.
 - Responsibility for ALL wells on an oil lease is to be transferred. Otherwise, the lease must be subdivided.
 - After the P-4 is filled out and signed by both the Previous Operator and the Current Operator, the Previous Operator should file the P-4 with the Commission or ensure that it is filed immediately. NOTE: Responsibility for plugging and all other regulatory compliance obligations will not transfer from the Previous Operator to the Current Operator until the P-4 is filed with and approved by the Commission.
- Field name changes, that is, transfers, must be reviewed by technical staff. If supporting documents are required, the operator will be notified.
- To change a gas well number, submit a Form G-1 or a letter of request; do not use Form P-4.

RAILROAD COMMISSION OF TEXAS PRODUCER'S TRANSPORTATION AUTHORITY

Oil and Gas Division

AND CERTIFICATE OF COMPLIANCE

FORM P-4

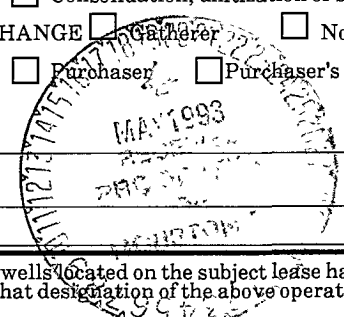
READ INSTRUCTIONS ON BACK

5/90

1. Field name exactly as shown on proration schedule KATY (COOK MOUNTAIN 2)		2. Lease name KATY GF CONS. U	
3. Operator name exactly as shown on P-5 Organization Report EXXON CORP.		4. Operator P-5 no. 257097	5. Oil lease no.
7. Operator address including city, state, and zip code P.O. BOX 4358 HOUSTON, TEXAS 77210-4358		8. County in which oil lease or gas well is actually located WALLER	6. RRC district no. 003
		9. Gas ID no. 145244	10. Gas Well no. 5103
		11. Effective date 1-5-93	

12. GAS WELL GAS OR CASINGHEAD GAS. Additional space and example on reverse side.

Type Operation			Name of gatherer, purchaser, and/or nominator as indicated in type operation columns NOTE: For each purchaser, give its RRC-assigned system code and identify the market. If applicable, place an "X" in the full-well stream column for the gatherer.	RRC USE ONLY				Purchaser's RRC Assigned System Code		Purchaser's Market		Percent of Take	Full-well stream
gatherer	purchaser	nominator		G/P/N Code				intra-state	inter-state	intra-state	inter-state		
			NONE										
			<i>Unsuccessful w/o</i>										

13. NAME OF OIL OR CONDENSATE GATHERER List highest volume gatherer first		Percent of Take	RRC USE ONLY Gath. code		14. PURPOSE OF FILING. Remarks:
NONE					
RRC USE ONLY Approved (initials) <i>zh</i> Oper. No. _____		c. CHANGE FROM			
Date <i>5-27-93</i> Field No. _____		<input type="checkbox"/> Operator _____			
Remarks: _____		<input type="checkbox"/> Field Name _____ <input type="checkbox"/> Lease Name _____			

15. OPERATOR CHANGE. Being the PREVIOUS OPERATOR, I certify that operating responsibility for wells located on the subject lease has been transferred in its entirety to the above named Current Operator. I understand, as Previous Operator, that designation of the above operator as Current Operator is not effective until this certificate is approved by the Commission.

Previous Operator _____ Date _____
 Signature _____ Name (Print) _____
 Title _____ Phone () _____
 Address with city/state/zip _____

16. CURRENT OPERATOR'S CERTIFICATION. By signing this certificate as the CURRENT OPERATOR, I acknowledge responsibility for the regulatory compliance of the subject lease, INCLUDING PLUGGING OF WELLS if required under Statewide Rule 14. I also acknowledge that I will remain designated as the Current Operator until a new certificate designating a new Current Operator is approved by the Commission.

Signature *Laurie B. Kilbride* Name (Print) **LAURIE B. KILBRIDE**
 Title **GAS ALLOWABLE COORDINATOR** Date **05/18/93** Phone **(713) 775-6814**

I, the current Operator, certify that the above agent is authorized to transport the above specified percentage of the allowable oil or gas produced from the above property in accordance with the regulations of the Railroad Commission of Texas, and that this authorization will be valid until further notice or until cancelled by the Railroad Commission of Texas, and further certify that the conservation laws of the State of Texas and all rules, regulations and orders of the Railroad Commission of Texas have been complied with in respect to the property covered by this report.

check if listings are continued on reverse side

Additional Listings for Gas Well Gas and Casinghead Gas

Type Operation			Name of gatherer, purchaser, and/or nominator as indicated in type operation columns NOTE: For each purchaser's, give its RRC-assigned system code and identify the market. If applicable, place an "X" in the full-well stream column for the gatherer.	RRC UNASSIGNED	Purchaser's RRC Assigned System Code	Purchaser's Market		Percent of Take	Full-well stream
gatherer	purchaser	nominator		G/P/N Code		inter-state	intra-state		

Example

<input checked="" type="checkbox"/>			All-Tex Gathering Company					25 00	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Trans-Tex Pipelines, Inc		001		<input checked="" type="checkbox"/>	75 00	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>		All-Tex Oil and Gas Company		003	<input checked="" type="checkbox"/>		25 00	
		<input checked="" type="checkbox"/>	All-Tex Gasco					25 00	

INSTRUCTIONS

Form P-4 Producer's Transportation Authority and Certificate of Compliance
Reference: Statewide Rule 58

Who files The operator of any oil, gas well gas, condensate, and/or casinghead gas producing property in the State must file a P-4 for each such property.

Purpose of Filing The P-4 must be filed to

- Identify all gatherers, purchasers, purchasers' RRC-assigned system codes, and nominators authorized for each oil lease or gas well. **NOTE: Except during initial testing, no production may leave the oil lease or gas well until the P-4 has been filed and a letter of approval from the Railroad Commission received by all parties.** If, during initial production testing, large quantities of oil or condensate are produced, application may be made on Form P-8: Request for Clearance of Storage Tanks prior to potential test to the appropriate district office for issuance of temporary transportation authority. For initial test purposes, a gas well may produce into a pipeline without a P-4 authorization no more than 30 days.
- Certify that production from the subject property is in accordance with the laws of Texas and the rules, regulations, and orders of the Commission.
- Establish status on Commission records as operator of the subject property.
- Notify the Commission of changes in

Operator (see No. 6, below)	Field Name (see No. 7, below)	Nominator	Lease Name
Gatherer	Purchaser System code	Purchaser	Reclassification (oil to gas or gas to oil)

 or when consolidations, unitizations, or subdivisions take place (see No. 5, below).
Note: When filing a P-4 for changes, the form must be completed in its entirety, not just in areas being changed.

What and Where to File The original only of the P-4 is to be filed with the Railroad Commission in Austin

Oil and Gas Division
P.O. Drawer 12967 - Capitol Station
Austin, Texas 78711-2967

Revocation This authorization may be revoked by the Commission at any time for failure to comply with the oil and gas laws of the State of Texas and the rules, regulations, and orders of the Railroad Commission of Texas.

DETAILED INSTRUCTIONS

- An effective date is required only when the P-4 is filed for changes.
- For split connections, percentages of take must be given to no more than two decimal points. Combined percentages for gas or liquid gatherers must equal 100 percent; combined percentages for gas purchasers must equal 100 percent, and, combined percentages for gas nominators must equal 100 percent.
- An RRC-assigned system code and market identification must be given for each purchaser listed in No. 12. If gas is going full-well stream to a processing plant, an "X" is to be placed in the last column of the line naming the gatherer of that gas.
- If additional space is required for listings, use an attachment in the same format as Items 12 and 13, including blank areas for Railroad Commission use.
- The following attachments must be filed for a consolidation, subdivision, or unitization
 - Form P-6
 - Before and after plats showing changes, distances to lease line and between wells, and, if acreage is in the field's allocation formula, proration units assigned.
 - A letter certifying that there is no overproduction on the subject leases at the time of application.
- For changes of operator:
 - The Previous Operator must complete item 15. If impossible, leave blank and attach a letter of explanation and supporting documentation.
 - The Current (new) Operator must have a Form P-5 Organization Report on file with the Commission.
 - If a SWR 14(b)(2) plugging extension has already been granted or is required on the subject property or any well on that property, the Current (new) Operator must make arrangements for a new extension before the P-4 change can be approved.
 - Responsibility for ALL wells on an oil lease is to be transferred. Otherwise, the lease must be subdivided.
 - After the P-4 is filled out and signed by both the Previous Operator and the Current Operator, the Previous Operator should file the P-4 with the Commission to ensure that it is filed immediately. NOTE Responsibility for plugging and all other regulatory compliance obligations will not transfer from the Previous Operator to the Current Operator until the P-4 is filed with and approved by the Commission.
- Field name changes, that is, transfers, must be reviewed by technical staff. If supporting documents are required, the operator will be notified.
- To change a gas well number, submit a Form G-1 or a letter of request do not use Form P-4.

Type or print only

483-047

API No **42-473-30036**

7. RRC District No

03

**Gas Well Back Pressure Test,
 Completion or Recompletion Report, and Log**

1. FIELD NAME (as per RRC Records or Wildcat) Katy (Cook Mountain 2)		2. LEASE NAME KGFCU		8. RRC Gas ID No 145244	
3. OPERATOR'S NAME (Exactly as shown on P-5, Organization Report) Exxon Corporation			RRC Operator No. 257097		9. Well No. 5103
4. ADDRESS P. O. Box 4358, Houston, Texas 77210-4358				10. County of well site Waller	
5. Location (Section, Block, and Survey) J. G. Bennett Survey, A-290			5b Distance and direction to nearest town in this county 6.40 miles NW'ly from Katy		
6. If Operator has changed within last 60 days, name former operator		12. If workover or reclass, give former field (with reservoir) & Gas ID or oil lease no FIELD & RESERVOIR		GAS ID or OIL LEASE # 061739 G 5103	
13. Pipe Line Connection Exxon		Katy (Combined)		WELLS # Reclass <input type="checkbox"/> Well record only (Explain in Remarks) <input checked="" type="checkbox"/>	
14. Completion or recompletion date 1-5-93			15. Any condensate on hand at time of workover or recompletion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		16. Type of Electric or other Log Run. Gamma Ray Neutron

Section I

GAS MEASUREMENT DATA

Date of Test		Gas Measurement Method (Check One) Orifice Meter <input type="checkbox"/> Flange Taps <input type="checkbox"/> Pipe Taps <input type="checkbox"/> Positive Choke <input type="checkbox"/> Orifice Vent Meter <input type="checkbox"/> Pitot Tube <input type="checkbox"/> Critical-flow Prover <input type="checkbox"/>						Gas produced during test MCF		
Run No.	Line Size	Orif. or Choke Size	24 Hour Coeff. Orif or Choke	Static P _m or Choke Press	Diff h _w	Flow Temp. °F	Temp. Factor F _{tf}	Gravity Factor F _g	Compress Factor F _{pv}	Volume MCF/DAY
1										
2										
3										
4										

Section II

FIELD DATA A

PRESSURE CALCULATIONS

Gravity (Dry Gas)	Gravity Liquid Hydrocarbon Deg. API	Gas-Liquid Hyd	u ₁₀ F/Bbl	Gravity of Mixture G _{mix} =	Avg. Shut-in Temp. °F	Bottom Hole Temp. °F @ (Depth)
$D_{eff}^{8/3} =$		$\sqrt{T_f} = \sqrt{\quad}$		$\sqrt{GL} = \sqrt{\quad} =$		
$C = \frac{11 \cdot x \cdot (D_{eff})^{8/3}}{\sqrt{T}} =$		JUN 3 1993		$\frac{\sqrt{GL}}{C} =$		

Run No.	Time of Run Min.	Choke Size	Wellhead Press. PSIA P _w	Wellhead Flow Temp. °F	P _w ² (thousands)	R	P ₁ (thousands)	P _w /P ₁
Shut-In								
1								
2								
3								
4								
Run No.	F	K	S = 1/z	E _{ks}	P _f and P _s	P _f ² and P _s ² (thousands)	P _f ² - P _s ² (thousands)	Angle of Slope θ n Absolute Open Flow MCF/DAY
Shut-In								
1								
2								
3								
4								

WELL TESTER'S CERTIFICATION: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test and that data and facts shown in Sections I and II above are true, correct, and complete, to the best of my knowledge. Bottomhole temperature and the diameter and length of flow string were furnished by the operator of the well.

Signature: Well Tester

Exxon Corporation

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that I prepared or supervised and directed this report, and that the data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Signature: *Jamie B. Kellmide*
 Operator's representative

Gas Coordinator 05-18-93 Tel. **713 775-6771**

Title

Date

A/C

Number

473-30036 MAPPING

156 JPD

VALID PERMIT
PRODUCTION ALLOWANCE
MAY 24 1993

SECTION III

DATA ON WELL COMPLETION AND LOG (Not Required on Retest)

17. Type of Completion: New Well Deepening (within casing) Plug Back Other

18. Permit to Drill DATE 10/16/92 404804
 Plug Back or Deepen
 Rule 37 CASE NO.
 Exception
 Water Injection PERMIT NO.
 Permit
 Salt Water Disposal PERMIT NO.
 Permit
 Other PERMIT NO.

19. Notice of Intention to Drill this well was filed in Name of
Exxon Corporation

20. Number of producing wells on this lease in this field (reservoir) including this well: **1**

21. Total number of acres in this lease: **31,850.83**

22. Date Plug Back, Deepening, WorkOver or Drilling Operations Commenced **11-10-92** Completed **11-24-92**

23. Distance to nearest well, Same Lease & Reservoir: **19380**

24. Location of well, relative to nearest lease boundaries of lease on which this well is located: **4500** Feet From **northwest** Line and **22310** Feet From **north** Line of the **KGFCU** Lease

25. Elevation (DF, RKB, RT, GR, ETC.): **190' DF**

26. Was directional survey made other than inclination (Form W-12)? Yes No

27. Top of Pay: **7858**

28. Total Depth: **11200**

29. P.B. Depth: **8010**

30. Surface Casing Determined by: Field Rules Recommendation of T.W.C. Railroad Commission (Special)

31. Is well multiple completion? Yes No

32. If multiple completion, list all reservoir names (completions in this well) and Gas ID No. or Gas ID No. **FIELD & RESERVOIR**

33. Intervals Drilled by: Rotary Tools Cable Tools

34. Name of Drilling Contractor: **KSI Oil Well Sv**

35. Is Cementing Affidavit Attached? Yes No

36. CASING RECORD (Report All Strings Set in Well)

CASING SIZE	WT# /FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.
10-3/4	40.5	2933.49	---	1400	15	---	---
7-5/8	29.7	8036	---	710	9-7/8	---	---

37. LINER RECORD

Size	Top	Bottom	Sacks Cement	Screen
5	7522	11197	500	---

38. TUBING RECORD

Size	Depth Set	Packer Set	Producing Interval (this completion) Indicate depth of perforation or open hole
2-3/8	7795	Otis MH @ 7795	From 7858 To 7866 (ELM)

40. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

Depth Interval	Amount and Kind of Material Used
7144 - 7152 squeezed	30 sxs CL H

41. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)

Formations	Depth	Formations	Depth

REMARKS

ELECTRIC LOG
STATUS REPORT

INSTRUCTIONS

When to file the L-1

- with Forms G-1, W-2, and GT-1 for new and deepened gas, oil, and geothermal wells
- with Form W-3 for plugged dry holes
- when sending in a log which was held under a request for confidentiality and the period of confidentiality has not yet expired

When the L-1 is NOT required

- with Forms W-2, G-1, and GT-1 filed for injection wells, disposal wells, water supply wells, service wells, re-test wells, re-classifications, and plugbacks of oil, gas, and geothermal wells
- with Form W-3 for plugging of other than a dry hole

Where to file the L-1

- with the appropriate Commission district office

Filling out the L-1

- Section I and the signature section must be filled out for all wells
- complete only the appropriate part of Section II

Type of log required

- any wireline survey run for the purpose of obtaining lithology, porosity, or resistivity information
- no more than one such log is required but it must be of the subject well
- if such a log is NOT run on the subject well, do NOT substitute any other type of log; just select Section II, Part A below

SEE REVERSE SIDE

SECTION I. IDENTIFICATION

Operator Name <i>Eaton Corporation</i>	District No. <i>3</i>	Completion Date <i>1-5-93</i>
Field Name <i>Katy (Cook Mountain 2)</i>	Drilling Permit No. <i>404804</i>	
Lease Name <i>KGFCU</i>	Lease/ID No.	Well No. <i>5103</i>
County <i>Waller</i>	API No. <i>42-473-30036</i>	

SECTION II. LOG STATUS (complete either A. or B.)



A. BASIC ELECTRIC LOG NOT RUN



B. BASIC ELECTRIC LOG RUN (select one)

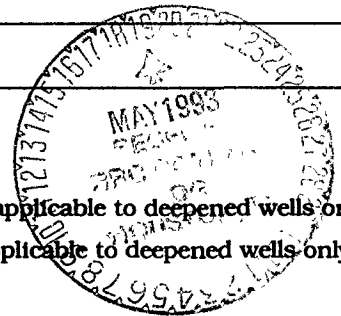
1. Confidentiality requested.
2. Confidentiality already granted on basic electric log covering this interval (applicable to deepened wells only).
3. Basic electric log covering this interval already on file with Commission (applicable to deepened wells only).
4. Log attached to (select one)

(a) Form L-1 (this form). If the company/lease name on log is different from that shown in Section I, please enter name on log here: _____

Check here if attached log is being submitted after being held confidential .

(b) Form P-7, Application for Discovery Allowable and New Field Designation.

(c) Form W-4, Application for Multiple Completion: lease or ID no.(s) _____, well no.(s) _____



Laurie B. Kilbride
signature
Laurie B. Kilbride
name (print)

Gas Allowable Coordinator
title
(713) 775-6874
phone
5/18/93
date

For Railroad Commission use only

Electric Log Filing Requirements

As required by statute (T.N.R.C. Chapter 91, Subchapter M) and defined by Statewide Rule 16 (see copy below), a legible, unaltered final copy of a basic electric log run on a well must be filed with the completion report for that well (Form W-2 and Form G-1) or the plugging report for that well if it is a dry hole (Form W-3). The electric log will become a part of the public record.

You may, however, request a one-year period of confidentiality during which the log will be kept in your possession. Prior to the expiration of the initial period of confidentiality, you may request a renewal for a two-year period. Logs of wells drilled on land submerged in State water may be granted an additional two-year extension. At the end of the period(s) of confidentiality, a copy of the basic electric log must be filed with the Commission. The Commission will send you a notice prior to expiration of the confidentiality period(s). NOTE: electric logs submitted in conjunction with an application for multiple completion or a new field designation are considered part of the public records; confidentiality cannot be granted them.

§3.16 RULE 16. Log and Completion or Plugging Report. (Effective February 28, 1986)

(a) The owner or operator of an oil, gas or geothermal resource well, within thirty (30) days after the completion of such well or the plugging of such well, if the well is a dry hole, shall file with the Commission the appropriate completion or plugging report, and if a basic electric log is run on the well, a legible, unaltered final copy of such log shall be attached. A "basic electric log" means a lithology, porosity, or resistivity log run over the entire wellbore or in the alternative, if no such log is run over the entire wellbore, the log which is the most complete of such logs run. Amended completion reports must be filed for any change in perforations, or openhole or casing records within thirty (30) days after recompleting the well. In addition, if the well is deepened, a copy of a basic electric log run after September 1, 1985 should be submitted if such log is run over a deeper interval than the interval covered by a basic electric log already on file with the Commission for that wellbore.

(b) Each log filed with the Commission shall be considered public information and shall be available to the public during normal business hours. If the owner or operator of such well described in subsection (a) of this section desires log(s) to be confidential, the owner or operator must submit a written request for a delayed filing of the log(s). When filing such a request, the owner or operator must retain the log(s) and may delay filing such log(s) for one (1) year beginning from the date the completion or plugging report is required to be filed with the Commission. The owner or operator of such well may request an additional filing delay of two (2) years, provided the written request is filed prior to the expiration date of the initial confidentiality period. If a well is drilled on land submerged in state water, the owner or operator may request an additional filing delay of two (2) years so that a possible total filing delay of five (5) years may be obtained. A request for the additional two (2) year filing delay period must be in writing and be received prior to the expiration of the first two (2) year filing delay. Logs must be filed with the Commission within thirty (30) days after the expiration of the final confidentiality period.

(c) If the logs are not filed in accordance with the provisions of this section, the Commission may refuse to assign an allowable to a well or may set the allowable for such well at zero. If the well is a dry hole and the logs are not filed in accordance with the provisions of this section, the Commission may initiate penalty action pursuant to Title 3 of the Texas Natural Resources Code.

➤ Return each W-1 with plat and \$100.00 fee
 Make a check or money order payable to the
 State Treasurer of Texas. Address to
 Railroad Commission of Texas
 Oil and Gas Division, Drilling Permits
 P. O. Drawer 12967, Capitol Station
 Austin, Texas 78711

➤ File a copy of W-1 and plat in RRC District Office.

RAILROAD COMMISSION OF TEXAS
 Oil and Gas Division

Application for Permit to Drill, Deepen, Plug Back, or Re-Enter

➤ Read Instructions on Back

Purpose of filing (mark appropriate boxes)		<input type="checkbox"/> Drill <input type="checkbox"/> Deepen (below casing) <input checked="" type="checkbox"/> Deepen (within casing) <input type="checkbox"/> Plug Back <input type="checkbox"/> Re-Enter			Enter here, API No. 42-473-30056 if assigned: Permit No. 404804 Rule 37 Case No.			
Operator's Name (exactly as shown on Form P-5, Organization Report) Exxon Corporation		3. RRC Operator No. 257097	4. RRC District No. 04 Q3	5. County of Well Site Waller				
2. Address (including city and zip code) P. O. Box 4358 Houston, Texas 77210-4358 101100		6. Lease Name (32 spaces maximum) KGFCU		7. RRC Lease/ID No. -	8. Well No. 5103	9. Total Depth 8,300'		
		10. Location ----- J. G. Bennett ----- • Section ----- Block ----- Survey ----- Abstract No. A-290 • This well is to be located 6.4 miles in a NW'LY direction from Katy, Texas which is the nearest town in the county of the well site.						
11. Distance from proposed location to nearest lease or unit line 4500 ft.		12. Number of contiguous acres in lease, pooled unit, or unitized tract 31,850.835 (OUTLINE ON PLAT)						
13. FIELD NAME (exactly as shown on RRC production schedule). List all established and wildcat zones of anticipated completion. Attach additional Form W-1's as needed to list these zones. One zone per line.	14. Completion depth	15. Spacing pattern (ft.)	16. Density pattern (acres)	17. Number of acres in drilling unit for this well. OUTLINE ON PLAT.	18. Is this acreage assigned to another well on this lease & in this reservoir? If so, explain in Remarks.	19. Distance from proposed location to nearest applied for, permitted, or completed well on this lease & reservoir. (ft.)	20. Oil, gas, or other type well (Specify)	21. No. of applied for, permitted, or completed locations (including this one) on lease in this reservoir.
Katy (Cook Mountain)	7858-7866	467/1200	40	40	No	19380	Gas	2
								(1 Pro 1 Per)
22. Perpendicular surface location from two nearest designated lines • Lease/Unit 4,500' FNWL & 22,310' FNL • Survey/Section 410' FNL & 580' FEL		If a directional well, show also projected bottom-hole location • Lease/Unit _____ • Survey/Section _____						
23. Is this a pooled unit?*		24. Is Item 17 less than Item 16 (substandard acreage for any field applied for)?						
Yes <input checked="" type="checkbox"/> (Attach Form P-12 and certified plat.) No <input type="checkbox"/>		Yes <input type="checkbox"/> (Attach Form W-1A) No <input checked="" type="checkbox"/>						
25. Is this wellbore subject to Statewide Rule 36 (hydrogen sulfide area)? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		If subject to Rule 36, is Form H-9 filed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If not filed, explain in Remarks						
26. Do you have the right to develop the minerals under any right-of-way that crosses, or is contiguous to, this tract? If not, and if the well requires a Rule 37 or 38 exception, see Instructions for Rule 37. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		I certify that information stated in this application is true and complete, to the best of my knowledge and belief. Judy A. Cornett Permitting Supervisor Signature _____ Name and title of operator's representative Date 10 14 92 (713) 775-6852 mo day yr. Tel. Area Code Number						
Remarks WIC attached *Item No. 23: Special Docket No. 3-57,626 dated 11/6/67. Currently on Gas Sch under ID #061739 in Katy (Combined)		RECEIVED RRC - O&G OCT 16 1992 AGG RRC Use Only 7/15/92 215408 404804						

473-30036

148

REC

W-1 COMPLIANCE CERTIFICATION

FORM W-1C

rev. 10/11/91

Railroad Commission of Texas
Oil and Gas Division
P. O. Box 12967
Austin, Texas 78711-2967

Reference: Texas Natural
Resources Code 91.110

ATTACH TO DRILLING PERMIT APPLICATION

WHEN TO FILE: A Form W-1C, "W-1 Compliance Certification," is to accompany any filing of Form W-1, "Application for Permit to Drill, Deepen, Plug Back, or Re-Enter." This includes initial and materially amended applications. The W-1C is attached only to the W-1 filed with Austin; a copy does not have to be attached to the W-1 copy filed with the district office.

This certification is binding on the named organization. Failure to file the W-1C will delay approval of the W-1 application. Knowingly filing a false certification statement may be a violation of TNRC 91.143 and may also subject a permit to denial or revocation. A permit that is issued on the basis of a certification statement that is later determined to be incorrect is also subject to revocation.

VIOLATION means non-compliance with Title 3, TNRC or a Commission rule, order, license, permit, or certificate that relates to safety or the prevention or control of pollution.

OUTSTANDING FINAL ORDERS. An organization has an outstanding final order against it if:

- a Commission order finding a violation has been entered and all appeals have been exhausted; or
the Commission and the organization have entered into an agreed order relating to an alleged violation;

AND

- (1) the conditions that constituted a violation have not been corrected;
(2) all administrative, civil, and criminal penalties relating to any conditions constituting a violation have not been paid; and
(3) all reimbursements of costs and expenses assessed by the Commission to be collected in relation to any conditions constituting a violation have not been collected.

CERTIFICATION STATEMENT: I, on behalf of the named organization, certify to the best of my knowledge and that of the organization after reasonable inquiry, that within the last five years:

- (1) the applicant organization named below has no outstanding final orders against it; and
(2) no owner of more than 25 percent ownership interest, officer, director, general partner, or trustee of the applicant organization named below has held a position of ownership or control in any organization (including the named organization) that has an outstanding final Commission order against it relating to a violation, during that period of ownership or control.

Form with fields for organization name (Exxon Corporation), representative's name (Judy A. Cornett), representative's title (Permitting Supervisor), representative's name (print or type), representative's title, phone number with area code (713) 775-6852, and date (10/15/92).

RECEIVED
R.R.C. - O&G
OCT 16 1992
AUSTIN, TEXAS

Handwritten signature: Annie B. Kellrudi for J.A. Cornett

READ INSTRUCTIONS ON BACK

1. Field name exactly as shown on proration schedule KATY (COMBINED)		2. Lease name KGFCU (I-A)	
3. Operator name exactly as shown on P-5 Organization Report Exxon Corporation		4. Operator P-5 no. 257097	5. Oil lease no. -
7. Operator address including city, state, and zip code P. O. Box 4358 Houston, Texas 77210-4358		8. County in which oil lease or gas well is actually located Waller	6. RRC district no. 03
		9. Gas ID no. 063205	10. Gas well no. 4201
		11. Effective date 4/1/88	

12. GAS WELL GAS OR CASINGHEAD GAS. Additional space and example on reverse side.

Type Operation			Name of gatherer, purchaser, and/or nominator as indicated in type operation columns NOTE: For each purchaser, give its RRC-assigned system code and identify the market. If applicable, place an "X" in the full-well stream column for the gatherer.	RRC USE ONLY				Purchaser's RRC Assigned System Code	Purchaser's Market		Percent of Take	Full-well stream
gatherer	purchaser	nominator		G/P/N Code					inter-state	intra-state		
			NONE									

13. NAME OF OIL OR CONDENSATE GATHERER List highest volume gatherer first NONE		Percent of Take	RRC USE ONLY Gath code	14. PURPOSE OF FILING Remarks: Delete gas information. System is assigned to ID # 115366 only	
				a. <input type="checkbox"/> New oil lease <input type="checkbox"/> New gas well <input type="checkbox"/> Reclassification (oil to gas or gas to oil) <input type="checkbox"/> Consolidation, unitization or subdivision b. CHANGE <input checked="" type="checkbox"/> Gatherer <input checked="" type="checkbox"/> Nominator <input checked="" type="checkbox"/> Purchaser <input type="checkbox"/> Purchaser's system code	
RECEIVED R.R.C. OF TEXAS APR 26 1988 AUSTIN, TEXAS					

RRC USE ONLY Approved J. St. Walker, Jr. Oper No _____ Field No _____ Remarks: MAY 02 1988	c. CHANGE FROM <input type="checkbox"/> Operator _____ <input type="checkbox"/> Field Name _____ <input type="checkbox"/> Lease Name _____
--	---

15. OPERATOR CHANGE. Being the PREVIOUS operator, I certify that operating responsibility for any and all wells located on the subject property has been transferred in its entirety to the above named current operator.

Previous Operator _____ Date _____
Signature _____ Name (Print) _____
Title _____ Phone () _____
Address with city/state/zip _____

16. CURRENT OPERATOR'S CERTIFICATION

Signature **Gregory T. Foster** Name (Print) **Gregory T. Foster**
Title **Regulatory Affairs Unit Supervisor** Date **4/18/88** Phone **(713) 775-6814**

I, the current operator, certify that the above agent is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property in accordance with the regulations of the Railroad Commission of Texas, and that this authorization will be valid until further notice or until cancelled by the Railroad Commission of Texas, and further certify that the conservation laws of the State of Texas and all rules, regulations and orders of the Railroad Commission of Texas have been complied with in respect to the property covered by this report

check if listings are continued on reverse side

P

API NO. 42-473-80140
(if available)

1 RRC District
03

FILE IN DUPLICATE WITH DISTRICT OFFICE OF DISTRICT IN WHICH
WELL IS LOCATED WITHIN THIRTY DAYS AFTER PLUGGING

4 RRC Lease or Id. Number
063205

2 FIELD NAME (as per RRC Records)
Katy (Combined)

3 Lease Name
KGFCU (I-A)

5. Well Number
4201

6. OPERATOR
Exxon Corporation

6a. Original Form W-1 Filed in Name of
Humble Oil & Refining Co.

10. County
Waller

7. ADDRESS
PO Box 4358, Houston, Tx 77210-4358

6b. Any Subsequent W-1's Filed in Name of
Exxon Corporation

11. Date Drilling Permit Issued
12-11-42 (Intent)

8. Location of Well, Relative to Nearest Lease Boundaries of Lease on which this Well is Located

6150 Feet From W Line and 20600 Feet From N Line of the KGFCU Lease

12. Permit Number
N/A

9a. SECTION, BLOCK, AND SURVEY
Sec No. 98-J.M. Bennett-A-286

9b. Distance and Direction From Nearest Town in this County
5 Mi. NW from Katy, Texas

13. Date Drilling Completed
N/A

16. Type Well (Oil, Gas, Dry)
Gas

17. If Multiple Completion List All Field Names and Oil Lease or Gas ID No.'s

GAS ID or OIL LEASE #
Oil - O Gas - G
WELL #

14. Date Drilling Completed
N/A

18. If Gas, Amt. of Cond. on Hand at time of Plugging
-0-

15. Date Well Plugged
3-24-88

CEMENTING TO PLUG AND ABANDON DATA:		PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
*19. Cementing Date	1988	3-18	3-21	3-21	3-24				
20. Size of Hole or Pipe in which Plug Placed (inches)	7"	7"	7"	7"	7 1/4"				
21. Depth to Bottom of Tubing or Drill Pipe (ft.)	6567	2950	2528	15					
*22. Sacks of Cement Used (each plug)	94	66	65	8					
*23. Slurry Volume Pumped (cu. ft.)	99.64	72.88	76.7	9.44					
*24. Calculated Top of Plug (ft.)	6142	2591	2077	5					
25. Measured Top of Plug (if tagged) (ft.)	6143	2575	2132	5					
*26. Slurry Wt. # /Gal.	16.4	15.6	15.6	15.6					
*27. Type Cement	CLH	CLA	CLA	CLA					

RECORD CODIFICATION
JUN 27 1988

28. CASING AND TUBING RECORD AFTER PLUGGING

SIZE	WT. #/FT.	PUT IN WELL (ft.)	LEFT IN WELL (ft.)	HOLE SIZE (in.)
10 3/4	40.5	2372	2372	13"
7	26	7391	7391	9 7/8"

29. Was any Non-Drillable Material (Other than Casing) Left in This Well Yes No

29a. If answer to above is "Yes" state depth to top of "junk" left in hole and briefly describe non-drillable material. (Use Reverse Side of Form if more space is needed.)
7225 - CMT RETAINER
6782 - OTIS WA PKR W/PKR PLUG
6430 - OTIS WB PKR

30. LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS

FROM 7346	TO 7380	FROM 6760	TO 6771
FROM 7294	TO 7318	FROM 6650	TO 6651
FROM 7253	TO 7277	FROM 6580	TO 6581
FROM 6795	TO 6807	FROM 6567	TO 6567
FROM 6792	TO 6794	FROM 6513	TO 6564 *see remarks

I have knowledge that the cementing operations, as reflected by the information found on this form, were performed as indicated by such information.
* Designates items to be completed by Cementing Company. Items not so designated shall be completed by Operator.

Signature of Cementer or Authorized Representative
Frankie Krumley

Name of Cementing Company
CARDINAL WELL SERVICE

CERTIFICATE

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Signature of Representative of Company
Jay Z...
REPRESENTATIVE OF COMPANY

FLD. FRMN. 3/24/88
TITLE DATE

Phone 713 391-3176
A/C NUMBER

SIGNATURE: REPRESENTATIVE OF RAILROAD COMMISSION

MAPPING

31. Was Well filled with Mud-Laden Fluid, according to the regulations of the Railroad Commission <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		32. How was Mud Applied? <u>Circulated</u>	33. Mud Weight <u>9.5</u> LBS/GAL
34. Total Depth <u>7820</u>	Other Fresh Water Zones by T.D.W.R. TOP _____ BOTTOM _____ _____ _____ _____	35. Have all Abandoned Wells on this Lease been Plugged according to RRC Rules? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Depth of Deepest Fresh Water <u>2900</u>	36. If NO, Explain		
37. Name and Address of Cementing or Service company who mixed and pumped cement plugs in this well <u>Cardinal Well Service PO Box 34826 Houston, Tx 77034</u>		Date RRC District Office notified of plugging <u>3-17-88</u>	
38. Names and Addresses of Surface Owner of Well Site and Operators of Offset Producing Leases <u>Mr Bruce Cameron, Jr., 5858 Westheimer, Suite 200, Houston, TX 77057</u>			
39. Was Notice Given Before Plugging to Each of the Above? <u>Yes</u>			
FILL IN BELOW FOR DRY HOLES ONLY			
40. For Dry Holes, this Form must be accompanied by either a Driller's, Electric, Radioactivity or Acoustical/Sonic Log or such Log must be released to a Commercial Log Service.			
<input type="checkbox"/> Log Attached <input type="checkbox"/> Log released to _____ Date _____			
Type Logs:			
<input type="checkbox"/> Driller's <input type="checkbox"/> Electric <input type="checkbox"/> Radioactivity <input type="checkbox"/> Acoustical/Sonic			
41. Date FORM P-8 (Special Clearance) Filed?			
42. Amount of Oil produced prior to Plugging _____ bbls*			
* File FORM P-1 (Oil Production Report) for month this oil was produced			
RRC USE ONLY			
Nearest Field _____			

REMARKS 30. 6506-6506, 6452-6453, 6365-6392, 2948-2950, 2420-2422

0632205

ID #

063205

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

Form P-4
Rev. 8/84

Producer's Certificate of Compliance and Authorization to Transport Oil and/or Casinghead Gas from an Oil Lease or Gas and/or Condensate from a Gas Well.

Field Name (as per RRC records) Katy (Combined)		Lease Name RGECD (E-A)	RRC District No. 3
Operator's Name Exxon Corp. (257097)			Oil Lease No. -----
Address P. O. Box 2443			Gas Well (L) No. 063205
City, State, Zip Code Houston, Texas 77252-2443			Gas Well No. 4201
Location (Section, Block, and Survey)		Effective Date May 1, 1985	
		County Waller	
		Distance and Direction to nearest town in this county	

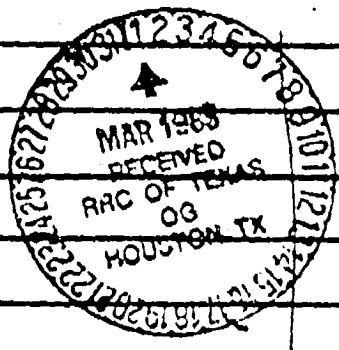
GAS GATHERER, PURCHASER, AND NOMINATOR

NOTE: The names of all three of the above must be furnished for all gas sold.

Name Exxon Corporation	RRC USE ONLY 80226168	INDICATE MARKET <input type="checkbox"/> Gas Well Gas <input checked="" type="checkbox"/> Full Well Stream <input type="checkbox"/> Casinghead Gas	Intermediate <input type="checkbox"/>	Integrator <input checked="" type="checkbox"/>
Address Box 2443	EXXOC			
City, State, Zip Code Houston, Texas 77252-2443	100			
	of the			
Name South Gulf Energy, Inc.	RRC USE ONLY 80226168	INDICATE MARKET <input type="checkbox"/> Gas Well Gas <input checked="" type="checkbox"/> Full Well Stream <input type="checkbox"/> Casinghead Gas	Intermediate <input type="checkbox"/>	Integrator <input checked="" type="checkbox"/>
Address P. O. Box 1478 (See Footnote A)	28.106			
City, State, Zip Code Houston, Texas 77001	of the			
Name South Gulf Energy, Inc.	RRC USE ONLY 80226168	INDICATE MARKET <input type="checkbox"/> Gas Well Gas <input checked="" type="checkbox"/> Full Well Stream <input type="checkbox"/> Casinghead Gas	Intermediate <input type="checkbox"/>	Integrator <input type="checkbox"/>
Address P. O. Box 1478	14.053			
City, State, Zip Code Houston, Texas 77001	of the			

OIL OR CONDENSATE GATHERER

Name	RRC USE ONLY	<input type="checkbox"/> Oil <input type="checkbox"/> Condensate
Address		
City, State, Zip Code		
Name	RRC USE ONLY	<input type="checkbox"/> Oil <input type="checkbox"/> Condensate
Address		
City, State, Zip Code		



INDICATE PURPOSE OF FILING

New Oil Lease or Gas Well Form W-1 (Application for Permit to Drill, Deepen or Plug Back) filed in the name of:

Operator: _____ Lease: _____

Change of Gatherer Change of Purchaser Change of Nominator

Change field name from **KATY (E-A)**

Change operator name from _____

Change lease name from **Katy GE Cons U**

Consolidation or subdivision of lease (Attachments required See instructions.)

Previous Form P-4 approval date if filed for prior SW-1 number) _____ mo. day yr. SW-1 Number or Date _____

REMARKS _____

FOR RRC USE ONLY	
Field No.	48278 100
Operator No.	2
Approved	J.C. BOULDIN
	APR 17 1985

AUTHORIZATION BY CURRENT OPERATOR

The undersigned certifies that the above agent is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property in accordance with the regulations of the Railroad Commission of Texas, and that this authorization will be valid until further notice or until cancelled by the Railroad Commission of Texas and the undersigned further certifies that the conservation laws of the State of Texas and all rules, regulations, and orders of the Railroad Commission of Texas have been complied with in respect to the property covered by this report.

MAR 1 1985 *[Signature]* Unit Head **(713) 68-5334**

Date Signature Title A.C. Telephone No.

OPERATOR NAME CHANGE (Acknowledgment required on change of operator)

The undersigned, being the previous operator, has transferred operating responsibility on the above property.

Previous Operator: _____ Signature: _____ Title: _____

Address: _____ City, State & Zip Code: _____ Date: _____ Area Code & Telephone No: _____

If there are additional gatherers, purchasers, or nominators, check here and use reverse side of this form.

GAS GATHERER, PURCHASER, AND NOMINATOR

NOTE: The names of all three of the above must be furnished for all gas sold.

Name United Texas Transmission Co.		RRC USE ONLY 67,7300	INDICATE MARKET <input type="checkbox"/> Gas Well Gas <input checked="" type="checkbox"/> Full Well Stream <input type="checkbox"/> Condensed Gas	INDICATE GATHERER <input type="checkbox"/> Gatherer <input checked="" type="checkbox"/> Full Lease <input type="checkbox"/> Nominator
Address P. O. Box 1478 (See Footnote A)		24.053 of the		
City, State, Zip Code Houston, Texas 77001				
Name Lone Star Gas Company		RRC USE ONLY 50,7200	INDICATE MARKET <input type="checkbox"/> Gas Well Gas <input checked="" type="checkbox"/> Full Well Stream <input type="checkbox"/> Condensed Gas	INDICATE GATHERER <input type="checkbox"/> Gatherer <input checked="" type="checkbox"/> Full Lease <input type="checkbox"/> Nominator
Address 301 South Harwood (See Footnote B)		26.707 of the		
City, State, Zip Code Dallas, Texas 75201				
Name Exxon Corporation		RRC USE ONLY 2,512,971	INDICATE MARKET <input type="checkbox"/> Gas Well Gas <input checked="" type="checkbox"/> Full Well Stream <input type="checkbox"/> Condensed Gas	INDICATE GATHERER <input type="checkbox"/> Gatherer <input checked="" type="checkbox"/> Full Lease <input type="checkbox"/> Nominator
Address Box 2443		17.882 of the		
City, State, Zip Code Houston, Texas 77252-2443				

OIL OR CONDENSATE GATHERER

Name	RRC USE ONLY	<input type="checkbox"/> Oil
Address	_____ % of the	<input type="checkbox"/> Condensate
City, State, Zip Code		
Name	RRC USE ONLY	<input type="checkbox"/> Oil
Address	_____ % of the	<input type="checkbox"/> Condensate
City, State, Zip Code		

INSTRUCTIONS

- Each and every operator of oil, gas and/or condensate producing properties in the State of Texas shall file with the proper RRC District Office three (3) copies plus one additional copy for each gatherer shown on this form authorizing the gatherer(s) (whether himself or someone else) to transport the oil, gas and/or condensate from the properties of such producer. If the first purchaser and/or nominator for gas is different from the gatherer, an additional copy must be filed for each purchaser and nominator named on this form.
- Authorization is required for each person or gatherer transporting oil, gas and/or condensate from an oil lease or gas well. In the case of a split connection, the percentage of oil, gas and/or condensate each gatherer is authorized to transport shall be shown.
- Each operator shall file a separate form for each oil lease or gas well listing all authorized gatherers for this oil lease or gas well on one form. Also, the names and addresses of the first purchaser and nominator must be furnished for all gas sold from the oil lease or gas well. The effective date must be shown on all changes, but is not necessary on a new lease or well.
- No oil, gas and/or condensate shall be moved from any oil lease or gas well until this form is completed and filed with the proper RRC District Office.
After the RRC agent in charge has approved this form, two (2) copies will be retained by the RRC and the remaining copies will be distributed to the producer and to each gatherer, purchaser, and nominator.
- After an operator has filed this form with the RRC, thereby establishing himself as the current operator, it shall bind said operator until cancelled by him or revoked by the RRC. A new Form P-4 shall be filed if there is: (a) change in operator, (b) change in gatherer(s), (c) change in field name, (d) change in lease name, (e) change in first purchaser of gas, (f) change in nominator for gas, (g) consolidation or subdivision of leases, or (h) authorization to transport production has been cancelled by the RRC. (When consolidating or sub-dividing, attach to each copy of Form P-4, a P-6 Form with a BEFORE and AFTER plat of lease showing changes. Plat should show distance to lease line and between wells along with proration units assigned (if acreage is in the field's allocation formula.)
- If this form is filed because of or includes a change in operator name, the new operator will be the current operator and will execute this form. The proper lines under "Indicate Purpose of Filing" shall be checked and completed. Authorization to the gatherer(s) shall be by the new or current operator. The previous operator is required to execute the "Operator Name Change Acknowledgment" before the RRC records will be changed.
- This authorization may be revoked by the RRC at any time for failure to comply with the oil and gas conservation laws of the State of Texas and the rules, regulations and orders of the Railroad Commission of Texas.

NOTE: FILING OF FORM P-5 (ORGANIZATION REPORT) SHOWING EXACT OPERATING NAME IS REQUIRED FOR ALL NEW OPERATORS AND OR ORGANIZATION CHANGES.
32 DIGITS (SPACES) IS THE LIMITATION FOR OPERATING AND LEASE NAMES. ABBREVIATIONS SHOULD BE USED IF NECESSARY TO CONFORM TO THE LIMITATION.

Footnotes

- A Includes Sun Exploration & Production Company's take-in-kind reservation of up to 17.5 MMcf/D.
- B Includes ARCO Oil & Gas Company's take-in-kind reservation of up to 3.6 MMcf/D and Sun Exploration & Production Company's take-in-kind reservation of up to 17.5 MMcf/D.

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

Form P-4
Rev. 6-80

Producer's Certificate of Compliance and Authorization to Transport Oil and/or
Casinghead Gas from an Oil Lease or Gas and/or Condensate from a Gas Well.

Field Name (as per RRC records) Katy (Combined)		Lease Name KGFCU (I-A)	RRC District No. 3
Operator's Name Exxon Corp. (257097)		Gas Well ID No. 063203	Oil Lease No. -----
Address P. O. Box 2443		Gas Well No. 4201	Effective Date May 1, 1985
City, State, Zip Code Houston, Texas 77252-2443		County Waller	
Location (Section, Block, and Survey)		Distance and Direction to nearest town in this county	

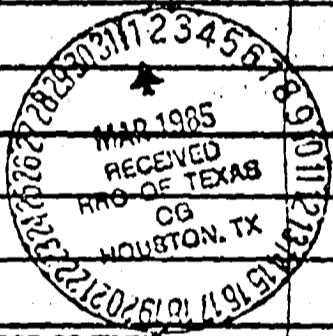
GAS GATHERER, PURCHASER, AND NOMINATOR

NOTE: The names of all three of the above must be furnished for all gas sold.

Name Amoco Gas Company	RRC USE ONLY 0120420	INDICATE MARKET <input type="checkbox"/> Gas Well Gas <input checked="" type="checkbox"/> Full Well Stream <input type="checkbox"/> Casinghead Gas	INDICATE <input type="checkbox"/> Gatherer <input checked="" type="checkbox"/> Purchaser <input checked="" type="checkbox"/> Nominator
Address P. O. Box 2609	16.537 of the		
City, State, Zip Code Texas City, Texas 77590			
Name Houston Pipeline Company	RRC USE ONLY 46015510	INDICATE MARKET <input type="checkbox"/> Gas Well Gas <input checked="" type="checkbox"/> Full Well Stream <input type="checkbox"/> Casinghead Gas	INDICATE <input type="checkbox"/> Gatherer <input checked="" type="checkbox"/> Purchaser <input type="checkbox"/> Nominator
Address 1200 Travis, Box 1188	7.312 of the		
City, State, Zip Code Houston, Texas 77001			
Name Mobil Oil Corporation	RRC USE ONLY 51721510	INDICATE MARKET <input type="checkbox"/> Gas Well Gas <input checked="" type="checkbox"/> Full Well Stream <input type="checkbox"/> Casinghead Gas	INDICATE <input type="checkbox"/> Gatherer <input checked="" type="checkbox"/> Purchaser <input type="checkbox"/> Nominator
Address c/o U. S. Gas 9 Greenway Plaza, Suite 2700	3.456 of the		
City, State, Zip Code Houston, Texas 77046			

OIL OR CONDENSATE GATHERER

Name	RRC USE ONLY	<input type="checkbox"/> Oil <input type="checkbox"/> Condensate
Address		
City, State, Zip Code		
Name	RRC USE ONLY	<input type="checkbox"/> Oil <input type="checkbox"/> Condensate
Address		
City, State, Zip Code		



INDICATE PURPOSE OF FILING

New Oil Lease or Gas Well Form W-1 Application for Permit to Drill, Deepen or Plug Back filed in the name of:

Operator: _____ Lease: _____

Change of Gatherer Change of Purchaser Change of Nominator

Change field name from **KATY (I-A)**

Change operator name from _____

Change lease name from **Katy GF Cons U**

Consolidation or subdivision of lease (Attachments required - See instructions.)

Indicate Form P-4 approval date if filed for prior SW 1 number) _____ SW 1 Number or Date

REMARKS _____

FOR RRC USE ONLY	
Field No.	
Operator No.	
APPROVED BY	J.C. BOULDIN
DATE	APR 17 1985

AUTHORIZATION BY CURRENT OPERATOR

The undersigned certifies that the above agent is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property in accordance with the regulations of the Railroad Commission of Texas, and that this authorization will be valid until further notice or until cancelled by the Railroad Commission of Texas, and the undersigned further certifies that the conservation laws of the State of Texas and all rules, regulations, and orders of the Railroad Commission of Texas have been complied with in respect to the property covered by this report.

MAR 1 1985 Date _____ Signature **Unit Head** Title **(713) 680-5334** A.C. & Telephone No

OPERATOR NAME CHANGE (Acknowledgment required on changes of operator.)

The undersigned being the previous operator, has transferred operating responsibility on the above property:

Previous Operator: _____ Signature: _____

Address: _____ Title: _____

City, State & Zip Code: _____ Date: _____ Area Code & Telephone No: _____

If there are additional gatherers, purchasers, or nominators, check here and use reverse side of this form

FORM P-4
1977

RAVET TO HOI222MMOD CAGSRAVA
RAILROAD COMMISSION OF TEXAS
FORM P-4 (REV. 1-77)

2 30 2 2056

GAS GATHERER, PURCHASER, AND NOMINATOR

NOTE: The names of all those of the above must be furnished for all gas sold.

Name Hobll Producing Texas & NM, Inc.	RRC USE ONLY 572550	INDICATE MARKET <input type="checkbox"/> Gas Well Gas <input checked="" type="checkbox"/> Full Well Stream <input type="checkbox"/> Confinined Gas	Interlaw <input type="checkbox"/>	Intrastate <input checked="" type="checkbox"/>
Address Room 2200-C 9 Greenway Plaza, Suite 2700	3.456 % of the	<input type="checkbox"/> Gas Well Gas <input checked="" type="checkbox"/> Full Well Stream <input type="checkbox"/> Confinined Gas	<input type="checkbox"/> Gatherer <input type="checkbox"/> Purchaser <input checked="" type="checkbox"/> Nominator	
City, State, Zip Code Houston, Texas 77046				
Name	RRC USE ONLY	INDICATE MARKET	Interlaw	Intrastate
Address	% of the	<input type="checkbox"/> Gas Well Gas <input type="checkbox"/> Full Well Stream <input type="checkbox"/> Confinined Gas	<input type="checkbox"/> Gatherer <input type="checkbox"/> Purchaser <input type="checkbox"/> Nominator	
City, State, Zip Code				
Name	RRC USE ONLY	INDICATE MARKET	Interlaw	Intrastate
Address	% of the	<input type="checkbox"/> Gas Well Gas <input type="checkbox"/> Full Well Stream <input type="checkbox"/> Confinined Gas	<input type="checkbox"/> Gatherer <input type="checkbox"/> Purchaser <input type="checkbox"/> Nominator	
City, State, Zip Code				

OIL OR CONDENSATE GATHERER

Name	RRC USE ONLY	<input type="checkbox"/> Oil <input type="checkbox"/> Condensate
Address	% of the	
City, State, Zip Code		
Name	RRC USE ONLY	<input type="checkbox"/> Oil <input type="checkbox"/> Condensate
Address	% of the	
City, State, Zip Code		

INSTRUCTIONS

- Each and every operator of oil, gas and/or condensate producing properties in the State of Texas shall file with the proper RRC District Office three (3) copies plus one additional copy for each gatherer shown on this form authorizing the gatherer(s) (whether himself or someone else) to transport the oil, gas and/or condensate from the properties of such producer. If the first purchaser and/or nominator for gas is different from the gatherer, an additional copy must be filed for each purchaser and nominator named on this form.
- Authorization is required for each person or gatherer transporting oil, gas and/or condensate from an oil lease or gas well. In the case of a split connection, the percentage of oil, gas and/or condensate each gatherer is authorized to transport shall be shown.
- Each operator shall file a separate form for each oil lease or gas well listing all authorized gatherers for this oil lease or gas well on one form. Also, the names and addresses of the first purchaser and nominator must be furnished for all gas sold from the oil lease or gas well. The effective date must be shown on all changes, but is not necessary on a new lease or well.
- No oil, gas and/or condensate shall be moved from any oil lease or gas well until this form is completed and filed with the proper RRC District Office.
After the RRC agent in charge has approved this form, two (2) copies will be retained by the RRC and the remaining copies will be distributed to the producer and to each gatherer, purchaser, and nominator.
- After an operator has filed this form with the RRC, thereby establishing himself as the current operator, it shall bind said operator until cancelled by him or revoked by the RRC. A new Form P-4 shall be filed if there is: (a) change in operator, (b) change in gatherer(s), (c) change in field name, (d) change in lease name, (e) change in first purchaser of gas, (f) change in nominator for gas, (g) consolidation or subdivision of lease(s), or (h) authorization to transport production has been cancelled by the RRC. (When consolidating or sub-dividing, attach to each copy of Form P-4, a P-6 Form with a BEFORE and AFTER plat of lease showing changes. Plat should show distance to lease line and between wells along with proration units assigned if average is in the field's allocation formula.)
- If this form is filed because of or includes a change in operator name, the new operator will be the current operator and will execute this form. The proper lines under "Indicate Purpose of Filing" shall be checked and completed. Authorization to the gatherer(s) shall be by the new or current operator. The previous operator is required to execute the "Operator Name Change Acknowledgment" before the RRC records will be changed.
- This authorization may be revoked by the RRC at any time for failure to comply with the oil and gas conservation laws of the State of Texas and the rules, regulations and orders of the Railroad Commission of Texas.

NOTE: FILING OF FORM P-5 (ORGANIZATION REPORT) SHOWING EXACT OPERATING NAME IS REQUIRED FOR ALL NEW OPERATORS AND/OR ORGANIZATION CHANGES.

32 DIGITS (SPACES) IS THE LIMITATION FOR OPERATING AND LEASE NAMES. ABBREVIATIONS SHOULD BE USED IF NECESSARY TO CONFORM TO THE LIMITATION.

Footnote:

- Includes Sun Exploration & Production Company's take-in-kind reservation of up to 17.5 MMcf/D.
- Includes ARCO Oil & Gas Company's take-in-kind reservation of up to 3.6 MMcf/D, and Sun Exploration & Production Company's take-in-kind reservation of up to 17.5 MMcf/D.

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

Form P-4
Rev. 6/83

Producer's Certificate of Compliance and Authorization to Transport Oil and/or
Casinghead Gas from an Oil Lease or Gas and/or Condensate from a Gas Well.

Field Name (as per RRC records) Katy (Combined)	Lease Name RGECD (I-A)	RRC District No. 3
Operator's Name Exxon Corp. (257097)		Oil Lease No. -----
Address P. O. Box 2443		Gas Well ID No. 063519
City, State, Zip Code Houston, Texas 77252-2443		Gas Well No. 7608
Location (Section, Block, and Survey)	(Bearing and Direction to nearest town in this county)	Effective Date May 1, 1985
		County Waller

GAS GATHERER, PURCHASER, AND NOMINATOR
NOTE: The names of all three of the above must be furnished for all gas sold.

Name Exxon Corporation	RRC USE ONLY EXXON	INDICATE MARKET <input type="checkbox"/> Gas Well Gas <input checked="" type="checkbox"/> Full Well Stream <input type="checkbox"/> Casinghead Gas	INITIALS <input type="checkbox"/>	INITIALS <input checked="" type="checkbox"/>
Address Box 2443	100 of the			
City, State, Zip Code Houston, Texas 77252-2443				
Name South Gulf Energy, Inc.	RRC USE ONLY SGE	INDICATE MARKET <input type="checkbox"/> Gas Well Gas <input checked="" type="checkbox"/> Full Well Stream <input type="checkbox"/> Casinghead Gas	INITIALS <input type="checkbox"/>	INITIALS <input checked="" type="checkbox"/>
Address P. O. Box 1478 (See Footnote A)	28.106 of the			
City, State, Zip Code Houston, Texas 77001				
Name South Gulf Energy, Inc.	RRC USE ONLY SGE	INDICATE MARKET <input type="checkbox"/> Gas Well Gas <input checked="" type="checkbox"/> Full Well Stream <input type="checkbox"/> Casinghead Gas	INITIALS <input type="checkbox"/>	INITIALS <input checked="" type="checkbox"/>
Address P. O. Box 1478	14.053 of the			
City, State, Zip Code Houston, Texas 77001				

OIL OR CONDENSATE GATHERER

Name	RRC USE ONLY	<input type="checkbox"/> Oil <input type="checkbox"/> Condensate
Address		
City, State, Zip Code		
Name	RRC USE ONLY	<input type="checkbox"/> Oil <input type="checkbox"/> Condensate
Address		
City, State, Zip Code		

INDICATE PURPOSE OF FILING

New Oil Lease or Gas Well Form W-1 (Application for Permit to Drill, etc.) filed in the name of:

Operator: _____ Lease: _____

Change of Gatherer Change of Purchaser Change of Nominator

Change field name from **KATY (I-A)**

Change operator name from _____

Change lease name from **Katy GF Cons U**

Consolidation or subdivision of lease (Attachments required - See instructions.)

Previous Form P-4 approval date if filed for prior SW-1 number: ____ mo ____ day yr. SW-1 Number or Date: _____

REMARKS: _____

FOR RRC USE ONLY	
Field No.	48278 100
Operator No.	
Approved	J.C. BOULDIN
	APR 17 1985

AUTHORIZATION BY CURRENT OPERATOR

The undersigned certifies that the above agent is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property in accordance with the regulations of the Railroad Commission of Texas and that this authorization will be valid until further notice or until cancelled by the Railroad Commission of Texas and the undersigned further certifies that the conservation laws of the State of Texas and all rules, regulations, and orders of the Railroad Commission of Texas have been complied with in respect to the property covered by this report.

MAR 1 1985 *[Signature]* **Unit Head** **(713) 68-5334**
Date Signature Title A.C. Telephone No.

OPERATOR NAME CHANGE Acknowledgment (required on changes of operator.)
The undersigned, being the previous operator, has transferred operating responsibility on the above property.

Previous Operator: _____ Signature: _____

Address: _____ Title: _____

City, State & Zip Code: _____ Date: _____ Area Code & Telephone No: _____

If there are additional gatherers, purchasers, or nominators, check here and use reverse side of this form.

GAS GATHERER, PURCHASER, AND NOMINATOR

NOTE: The names of all three of the above must be furnished for all gas sold.

Name United Texas Transmission Co.	RRC USE ONLY 877700	INDICATE MARKET <input type="checkbox"/> Gas Well Gas <input checked="" type="checkbox"/> Full Well Stream <input type="checkbox"/> Consolidated Gas	Immediate <input type="checkbox"/>	Integrator <input checked="" type="checkbox"/>
Address P. O. Box 1478 (See Footnote A)	14.053 of the	<input type="checkbox"/> Gatherer <input checked="" type="checkbox"/> Full Owner <input type="checkbox"/> Nominator		
City, State, Zip Code Houston, Texas 77001				
Name Lone Star Gas Company	RRC USE ONLY 507200	INDICATE MARKET <input type="checkbox"/> Gas Well Gas <input checked="" type="checkbox"/> Full Well Stream <input type="checkbox"/> Consolidated Gas	Immediate <input type="checkbox"/>	Integrator <input checked="" type="checkbox"/>
Address 301 South Harwood (See Footnote B)	26.707 of the	<input type="checkbox"/> Gatherer <input checked="" type="checkbox"/> Full Owner <input checked="" type="checkbox"/> Nominator		
City, State, Zip Code Dallas, Texas 75201				
Name Exxon Corporation	RRC USE ONLY 252700	INDICATE MARKET <input type="checkbox"/> Gas Well Gas <input checked="" type="checkbox"/> Full Well Stream <input type="checkbox"/> Consolidated Gas	Immediate <input type="checkbox"/>	Integrator <input checked="" type="checkbox"/>
Address Box 2443	17.882 of the	<input type="checkbox"/> Gatherer <input checked="" type="checkbox"/> Full Owner <input checked="" type="checkbox"/> Nominator		
City, State, Zip Code Houston, Texas 77252-2443				

OIL OR CONDENSATE GATHERER

Name	RRC USE ONLY 11111	<input type="checkbox"/> Oil <input type="checkbox"/> Condensate
Address	_____ of the	
City, State, Zip Code		
Name	RRC USE ONLY 11111	<input type="checkbox"/> Oil <input type="checkbox"/> Condensate
Address	_____ of the	
City, State, Zip Code		

INSTRUCTIONS

- Each and every operator of oil, gas and/or condensate producing properties in the State of Texas shall file with the proper RRC District Office three (3) copies plus one additional copy for each gatherer shown on this form authorizing the gatherer(s) (whether himself or someone else) to transport the oil, gas and/or condensate from the properties of such producer. If the first purchaser and/or nominator for gas is different from the gatherer, an additional copy must be filed for each purchaser and nominator named on this form.
 - Authorization is required for each person or gatherer transporting oil, gas and/or condensate from an oil lease or gas well. In the case of a split connection, the percentage of oil, gas and/or condensate each gatherer is authorized to transport shall be shown.
 - Each operator shall file a separate form for each oil lease or gas well listing all authorized gatherers for this oil lease or gas well on one form. Also, the names and addresses of the first purchaser and nominator must be furnished for all gas sold from the oil lease or gas well. The effective date must be shown on all changes, but is not necessary on a new lease or well.
 - No oil, gas and/or condensate shall be moved from any oil lease or gas well until this form is completed and filed with the proper RRC District Office.
- After the RRC agent in charge has approved this form, two (2) copies will be retained by the RRC and the remaining copies will be distributed to the producer and to each gatherer, purchaser, and nominator.
- After an operator has filed this form with the RRC, thereby establishing himself as the current operator, it shall bind said operator until cancelled by him or revoked by the RRC. A new Form P-4 shall be filed if there is: (a) change in operator, (b) change in gatherer(s), (c) change in field name, (d) change in lease name, (e) change in first purchaser of gas, (f) change in nominator for gas, (g) consolidation or subdivision of lease(s), or (h) authorization to transport production has been cancelled by the RRC. (When consolidating or sub-dividing, attach to each copy of Form P-4, a P-6 Form with a BEFORE and AFTER plat of lease showing changes. Plat should show distance to lease line and between wells along with proration units assigned (if acreage is in the field's allocation formula.)
 - If this form is filed because of or includes a change in operator name, the new operator will be the current operator and will execute this form. The proper lines under "Indicate Purpose of Filing" shall be checked and completed. Authorization to the gatherer(s) shall be by the new or current operator. The previous operator is required to execute the "Operator Name Change Acknowledgment" before the RRC records will be changed.
 - This authorization may be revoked by the RRC at any time for failure to comply with the oil and gas conservation laws of the State of Texas and the rules, regulations and orders of the Railroad Commission of Texas.

NOTE: FILING OF FORM P-5 (ORGANIZATION REPORT) SHOWING EXACT OPERATING NAME IS REQUIRED FOR ALL NEW OPERATORS AND/OR ORGANIZATION CHANGES.

32 DIGITS (SPACES) IS THE LIMITATION FOR OPERATING AND LEASE NAMES. ABBREVIATIONS SHOULD BE USED IF NECESSARY TO CONFORM TO THE LIMITATION.

Footnotes

- Includes Sun Exploration & Production Company's take-in-kind reservation of up to 17.5 MMcf/D.
- Includes ARCO Oil & Gas Company's take-in-kind reservation of up to 3.6 MMcf/D and Sun Exploration & Production Company's take-in-kind reservation of up to 17.5 MMcf/D.

00022801474 1478

ID #

063205

Katy (I-A) 063205 1475

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

Form P-4
Rev. 6/80

Page 1 of 3

dw

Producer's Certificate of Compliance and Authorization to Transport Oil and/or
Casinghead Gas from an Oil Lease or Gas and/or Condensate from a Gas Well.

Field Name (as per RRC records) Katy (I-A)	Lease Name Katy GF Cons Unit	RRC District No. 03
Operator's Name Exxon Corporation	(257097)	Oil Lease No. -----
Address Box 2443		Gas Well ID No. 063205
City, State, Zip Code Houston, Texas 77252-2443		Gas Well No. 4201
Location (Section, Block, and Survey)	Distance and Direction to nearest town in this county.	Effective Date 8-7-84
		County Waller

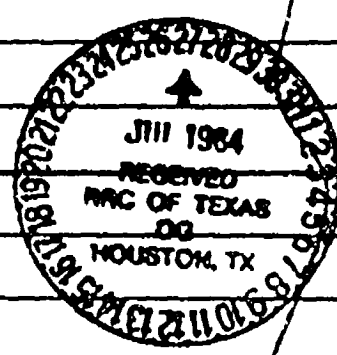
GAS GATHERER, PURCHASER, AND NOMINATOR

NOTE: The names of all three of the above must be furnished for all gas sold.

Name Exxon Corporation	RRC USE ONLY EXXON	INDICATE MARKET Interstate <input type="checkbox"/> Intrastate <input checked="" type="checkbox"/>
Address Box 2443	100 % of the	<input type="checkbox"/> Gas Well Gas <input checked="" type="checkbox"/> Full Well Stream <input type="checkbox"/> Casinghead Gas
City, State, Zip Code Houston, Texas 77252-2443		<input checked="" type="checkbox"/> Gatherer <input type="checkbox"/> Purchaser <input type="checkbox"/> Nominator
Name South Gulf Energy, Inc.	RRC USE ONLY SOUTHWEST	INDICATE MARKET Interstate <input type="checkbox"/> Intrastate <input checked="" type="checkbox"/>
Address P. O. Box 1478 (see footnote C)	28.106 % of the	<input type="checkbox"/> Gas Well Gas <input checked="" type="checkbox"/> Full Well Stream <input type="checkbox"/> Casinghead Gas
City, State, Zip Code Houston, Texas 77001		<input type="checkbox"/> Gatherer <input type="checkbox"/> Purchaser <input checked="" type="checkbox"/> Nominator
Name South Gulf Energy, Inc.	RRC USE ONLY SOUTHWEST	INDICATE MARKET Interstate <input type="checkbox"/> Intrastate <input checked="" type="checkbox"/>
Address P. O. Box 1478	14.053 % of the	<input type="checkbox"/> Gas Well Gas <input checked="" type="checkbox"/> Full Well Stream <input type="checkbox"/> Casinghead Gas
City, State, Zip Code Houston, Texas 77001		<input type="checkbox"/> Gatherer <input checked="" type="checkbox"/> Purchaser <input type="checkbox"/> Nominator

OIL OR CONDENSATE GATHERER

Name	RRC USE ONLY	<input type="checkbox"/> Oil <input type="checkbox"/> Condensate
Address	_____ % of the	
City, State, Zip Code		
Name	RRC USE ONLY	<input type="checkbox"/> Oil <input type="checkbox"/> Condensate
Address	_____ % of the	
City, State, Zip Code		



INDICATE PURPOSE OF FILING

New Oil Lease or Gas Well Form W-1 (Application for Permit to Drill, Deepen or Plug Back) filed in the name of _____

Operator _____ Lease _____

Change of Gatherer Change of Purchaser Change of Nominator

Change field name from _____

Change operator name from _____

Change lease name from _____

Consolidation or subdivision of lease (Attachments required. See Instructions.)

Previous Form P-4 approval date if filed for prior SW-1 number) _____ mo day yr SW-1 Number or Date _____

REMARKS _____

FOR RRC USE ONLY	
Field No.	_____
Operator No.	_____
Approved	J.C. BOULDIN
	AUG 07 1984

AUTHORIZATION BY CURRENT OPERATOR

The undersigned certifies that the above agent is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property in accordance with the regulations of the Railroad Commission of Texas, and that this authorization will be valid until further notice or until cancelled by the Railroad Commission of Texas, and the undersigned further certifies that the conservation laws of the State of Texas and all rules, regulations and orders of the Railroad Commission of Texas have been complied with in respect to the property covered by this report.

Date _____ Signature _____ Unit Head _____ (713)680-5334
A.C. # Telephone No _____

OPERATOR NAME CHANGE (Acknowledgment required on changes of operator.)

The undersigned, being the previous operator, has transferred operating responsibility on the above property

Previous Operator _____ Signature _____

Address _____ Title _____

City, State, Zip Code _____ Date _____ Area Code # Telephone No _____

If there are additional gatherers, purchasers, or nominators, check here and use reverse side of this form

GAS GATHERER, PURCHASER, AND NOMINATOR

NOTE: The names of all three of the above must be furnished for all gas sold.

Name United Texas Transmission Company	RRR USE ONLY UNITIC	INDICATE MARKET Intermediate <input type="checkbox"/> Intermediate <input checked="" type="checkbox"/>
Address P. O. Box 1478	14.053 % of the	<input type="checkbox"/> Gas Well Gas <input type="checkbox"/> Gatherer
City, State, Zip Code Houston, Texas 77001		<input checked="" type="checkbox"/> Full Well Stream <input checked="" type="checkbox"/> Purchaser
Name Lone Star Gas Company	RRR USE ONLY LONEG	INDICATE MARKET Intermediate <input type="checkbox"/> Intermediate <input checked="" type="checkbox"/>
Address 301 S. Harwood (see footnote B)	26.707 % of the	<input type="checkbox"/> Gas Well Gas <input type="checkbox"/> Gatherer
City, State, Zip Code Dallas, Texas 75201		<input checked="" type="checkbox"/> Full Well Stream <input checked="" type="checkbox"/> Purchaser
Name Exxon Corporation	RRR USE ONLY EXXOC	INDICATE MARKET Intermediate <input type="checkbox"/> Intermediate <input checked="" type="checkbox"/>
Address Box 2443	17.882 % of the	<input type="checkbox"/> Gas Well Gas <input type="checkbox"/> Gatherer
City, State, Zip Code Houston, Texas 77252-2443		<input checked="" type="checkbox"/> Full Well Stream <input checked="" type="checkbox"/> Purchaser
		<input type="checkbox"/> Casinghead Gas <input checked="" type="checkbox"/> Nominator

OIL OR CONDENSATE GATHERER

Name	RRR USE ONLY	<input type="checkbox"/> Oil <input type="checkbox"/> Condensate
Address	_____ % of the	
City, State, Zip Code		
Name	RRR USE ONLY	<input type="checkbox"/> Oil <input type="checkbox"/> Condensate
Address	_____ % of the	
City, State, Zip Code		

INSTRUCTIONS

- Each and every operator of oil, gas and/or condensate producing properties in the State of Texas shall file with the proper RRC District Office three (3) copies plus one additional copy for each gatherer shown on this form authorizing the gatherer(s) (gatherer himself or someone else) to transport the oil, gas and/or condensate from the properties of such producer. If the first purchaser and/or nominator for gas is different from the gatherer, an additional copy must be filed for each purchaser and nominator named on this form.
 - Authorization is required for each producer or gatherer transporting oil, gas and/or condensate from an oil lease or gas well. In the case of a split connection, the percentage of oil, gas and/or condensate each gatherer is authorized to transport shall be shown.
 - Each operator shall file a separate form for each oil lease or gas well listing all authorized gatherers for this oil lease or gas well on one form. Also, the names and addresses of the first purchaser and nominator must be furnished for all gas sold from the oil lease or gas well. The effective date must be shown on all changes, but is not necessary on a new lease or well.
 - No oil, gas and/or condensate shall be moved from any oil lease or gas well until this form is completed and filed with the proper RRC District Office.
- After the RRC agent in charge has approved this form, two (2) copies will be retained by the RRC and the remaining copies will be distributed to the producer and to each gatherer, purchaser, and nominator.
- After an operator has filed this form with the RRC, thereby establishing himself as the current operator, it shall bind said operator until cancelled by him or revoked by the RRC. A new Form P-4 shall be filed if there is: (a) change in operator, (b) change in gatherer(s), (c) change in field name, (d) change in lease name, (e) change in first purchaser of gas, (f) change in nominator for gas, (g) consolidation or subdivision of lease(s), or (h) authorization to transport production has been cancelled by the RRC. (When consolidating or sub-dividing, attach to each copy of Form P-4, a P-6 Form with a BEFORE and AFTER plat of lease showing changes. Plat should show distance to lease line and between wells along with proration units assigned if acreage is in the field's allocation formula.)
 - If this form is filed because of or includes a change in operator name, the new operator will be the current operator and will execute this form. The proper lines under "Indicate Purpose of Filing" shall be checked and completed. Authorization to the gatherer(s) shall be by the new or current operator. The previous operator is required to execute the "Operator Name Change Acknowledgment" before the RRC records will be changed.
 - This authorization may be revoked by the RRC at any time for failure to comply with the oil and gas conservation laws of the State of Texas and the rules, regulations and orders of the Railroad Commission of Texas.

NOTE: FILING OF FORM P-5 (ORGANIZATION REPORT) SHOWING EXACT OPERATING NAME IS REQUIRED FOR ALL NEW OPERATORS AND/OR ORGANIZATION CHANGES.

32 DIGITS (SPACES) IS THE LIMITATION FOR OPERATING AND LEASE NAMES. ABBREVIATIONS SHOULD BE USED IF NECESSARY TO CONFORM TO THE LIMITATION.

0 0 0 2 2 8 0 1 4 7 6

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

dw

Producer's Certificate of Compliance and Authorization to Transport Oil and/or
Casinghead Gas from an Oil Lease or Gas and/or Condensate from a Gas Well.

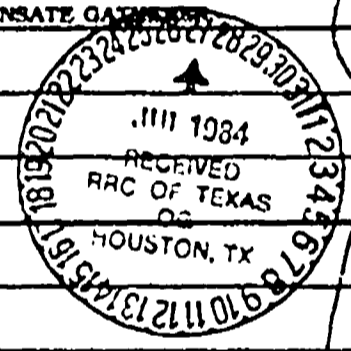
Field Name (as per RRC records) Katy (I-A)	Lease Name Katy GF Cons Unit	RRC District No. 03
Operator's Name Exxon Corporation	(257097)	Oil Lease No. -----
Address Box 2443		Gas Well ID No. 063205
City, State, Zip Code Houston, Texas 77252-2443		Gas Well No. 4201
Location (Section, Block, and Survey)	Distance and Direction to nearest town in this county	Effective Date 8-1-84
		County Waller

GAS GATHERER, PURCHASER, AND NOMINATOR
NOTE: The names of all three of the above must be furnished for all gas sold.

Name	RRC USE ONLY	INDICATE MARKET	Intrastate	Interstate
Amoco Gas Company	AMOCO	<input type="checkbox"/> Gas Well Gas <input checked="" type="checkbox"/> Full Well Stream <input type="checkbox"/> Casinghead Gas	<input type="checkbox"/>	<input checked="" type="checkbox"/> Gatherer <input checked="" type="checkbox"/> Purchaser <input checked="" type="checkbox"/> Nominator
Address P. O. Box 2609	16.537			
City, State, Zip Code Texas City, Texas 77590	of the			
Houston Pipe Line Company	HPIPE	<input type="checkbox"/> Gas Well Gas <input checked="" type="checkbox"/> Full Well Stream <input type="checkbox"/> Casinghead Gas	<input type="checkbox"/>	<input checked="" type="checkbox"/> Gatherer <input checked="" type="checkbox"/> Purchaser <input checked="" type="checkbox"/> Nominator
Address Box 1188, 1200 Travis (see footnote A)	7.312			
City, State, Zip Code Houston, Texas 77001	of the			
Mobil Oil Corporation, c/o U. S. Gas	MOBIL	<input type="checkbox"/> Gas Well Gas <input checked="" type="checkbox"/> Full Well Stream <input type="checkbox"/> Casinghead Gas	<input type="checkbox"/>	<input checked="" type="checkbox"/> Gatherer <input checked="" type="checkbox"/> Purchaser <input type="checkbox"/> Nominator
Address 9 Greenway Plaza, Suite 2700, Room 2230-C	3.456			
City, State, Zip Code Houston, Texas 77046	of the			

OIL OR CONDENSATE GATHERER

Name	RRC USE ONLY	<input type="checkbox"/> Oil <input type="checkbox"/> Condensate
Address		
City, State, Zip Code		
Name	RRC USE ONLY	<input type="checkbox"/> Oil <input type="checkbox"/> Condensate
Address		
City, State, Zip Code		



INDICATE PURPOSE OF FILING

New Oil Lease or Gas Well Form W 1 (Application for Permit to Drill, Deepen or Plug Back) filed in the name of _____

Operator: Change of Gatherer Change of Purchaser Change of Nominator

Lease: _____

Change field name from _____

Change operator name from _____

Change lease name from _____

Consolidation or subdivision of lease (Attachments required. See Instructions).

Previous Form P-4 approval date if filed for prior SW 1 number: _____
mo. day yr SW 1 Number or Date

REMARKS _____

FOR RRC USE ONLY	
Field No.	
Operator No.	
Approved	J.C. BOULGIN AUG 07 1984

AUTHORIZATION BY CURRENT OPERATOR

The undersigned certifies that the above agent is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property in accordance with the regulations of the Railroad Commission of Texas, and that this authorization will be valid until further notice or until cancelled by the Railroad Commission of Texas, and the undersigned further certifies that the conservation laws of the State of Texas and all rules, regulations, and orders of the Railroad Commission of Texas have been complied with in respect to the property covered by this report.

Date: JUL 25 1984 Signature: _____ Title: Unit Head Telephone No: (713) 680-5334

OPERATOR NAME CHANGE (Acknowledgment required on changes of operator.)

The undersigned, being the previous operator, has transferred operating responsibility on the above property.

Previous Operator: _____ Signature: _____

Address: _____ Title: _____

City, State, Zip Code: _____ Date: _____ Area Code & Telephone No: _____

If there are additional gatherers, purchasers, or nominators, check here and use reverse side of this form

GAS GATHERER, PURCHASER, AND NOMINATOR			
NOTE: The names of all three of the above must be furnished for all gas sold.			
Name Mobil Producing Texas & New Mexico Inc.	RRC USE ONLY MOBIL	INDICATE MARKET <input type="checkbox"/> Gas Well Gas <input checked="" type="checkbox"/> Full Well Stream <input type="checkbox"/> Casinghead Gas	Interstate <input type="checkbox"/> Intrastate <input checked="" type="checkbox"/>
Address 9 Greenway Plaza, Suite 2700, Room 2230-C	3.456 % of the	<input type="checkbox"/> Gas Well Gas	<input type="checkbox"/> Gatherer
City, State, Zip Code Houston, Texas 77046		<input checked="" type="checkbox"/> Full Well Stream	<input type="checkbox"/> Purchaser
		<input type="checkbox"/> Casinghead Gas	<input checked="" type="checkbox"/> Nominator
Name	RRC USE ONLY	INDICATE MARKET	Interstate Intrastate
Address	_____% of the	<input type="checkbox"/> Gas Well Gas	<input type="checkbox"/> Gatherer
City, State, Zip Code		<input type="checkbox"/> Full Well Stream	<input type="checkbox"/> Purchaser
		<input type="checkbox"/> Casinghead Gas	<input type="checkbox"/> Nominator
Name	RRC USE ONLY	INDICATE MARKET	Interstate Intrastate
Address	_____% of the	<input type="checkbox"/> Gas Well Gas	<input type="checkbox"/> Gatherer
City, State, Zip Code		<input type="checkbox"/> Full Well Stream	<input type="checkbox"/> Purchaser
		<input type="checkbox"/> Casinghead Gas	<input type="checkbox"/> Nominator

OIL OR CONDENSATE GATHERER

Name	RRC USE ONLY	<input type="checkbox"/> Oil <input type="checkbox"/> Condensate
Address	_____% of the	
City, State, Zip Code		
Name	RRC USE ONLY	<input type="checkbox"/> Oil <input type="checkbox"/> Condensate
Address	_____% of the	
City, State, Zip Code		

INSTRUCTIONS

- Each and every operator of oil, gas and/or condensate producing properties in the State of Texas shall file with the proper RRC District Office three (3) copies plus one additional copy for each gatherer shown on this form authorizing the gatherer(s) (whether himself or someone else) to transport the oil, gas and/or condensate from the properties of such producer. If the first purchaser and/or nominator for gas is different from the gatherer, an additional copy must be filed for each purchaser and nominator named on this form.
- Authorization is required for each person or gatherer transporting oil, gas and/or condensate from an oil lease or gas well. In the case of a split connection, the percentage of oil, gas and/or condensate each gatherer is authorized to transport shall be shown.
- Each operator shall file a separate form for each oil lease or gas well listing all authorized gatherers for this oil lease or gas well on one form. Also, the names and addresses of the first purchaser and nominator must be furnished for all gas sold from the oil lease or gas well. The effective date must be shown on all changes, but is not necessary on a new lease or well.
- No oil, gas and/or condensate shall be moved from any oil lease or gas well until this form is completed and filed with the proper RRC District Office.
After the RRC agent in charge has approved this form, two (2) copies will be retained by the RRC and the remaining copies will be distributed to the producer and to each gatherer, purchaser, and nominator.
- After an operator has filed this form with the RRC, thereby establishing himself as the current operator, it shall bind said operator until cancelled by him or revoked by the RRC. A new Form P-4 shall be filed if there is: (a) change in operator, (b) change in gatherer(s), (c) change in field name, (d) change in lease name, (e) change in first purchaser of gas, (f) change in nominator for gas, (g) consolidation or subdivision of lease(s), or (h) authorization to transport production has been cancelled by the RRC. (When consolidating or sub-dividing, attach to each copy of Form P-4, a P-6 Form with a BEFORE and AFTER plat of lease showing changes. Plat should show distance to lease line and between wells along with proration units assigned (if acreage is in the field's allocation formula.)
- If this form is filed because of or includes a change in operator name, the new operator will be the current operator and will execute this form. The proper lines under "Indicate Purpose of Filing" shall be checked and completed. Authorization to the gatherer(s) shall be by the new or current operator. The previous operator is required to execute the "Operator Name Change Acknowledgment" before the RRC records will be changed.
- This authorization may be revoked by the RRC at any time for failure to comply with the oil and gas conservation laws of the State of Texas and the rules, regulations and orders of the Railroad Commission of Texas.

NOTE: FILING OF FORM P-5 (ORGANIZATION REPORT) SHOWING EXACT OPERATING NAME IS REQUIRED FOR ALL NEW OPERATORS AND OR ORGANIZATION CHANGES
32 DIGITS (SPACES) IS THE LIMITATION FOR OPERATING AND LEASE NAMES. ABBREVIATIONS SHOULD BE USED IF NECESSARY TO CONFORM TO THE LIMITATION

PAGE 3 OF 3

ATTACHMENT FOR KATY FIELD P-4's

- A. Includes Mobil Producing Texas & New Mexico, Inc.'s reservation take in kind gas of up to 3.456043 percent.
- B. Includes Sun Gas Company's take in kind reservation of up to 17.5 MM/D.
- C. Includes Arco Oil & Gas Company's take in kind reservation of up to 3.6 MM/D. Also includes Sun Gas Company's take in kind reservation of up to 17.5 MM/D.



0 0 0 2 2 8 0 1 4 7 8

X-REFERENCE

File this sheet: 03(GP)

Katy (I-A) 63205

Description of Material

Consolidation Subdivision Field Name Change Dual Packet

OPERATOR: Exxon Corp

LEASE: KGF CU (I-A)

EFFECTIVE DATE: 5-1-85

COUNTY: Waller

WELL: 4201

See File: 03(GP)

Katy (Combined) 63205

000100 1422

I.D. #

63205

5

Address _____ of the _____
 City, State, Zip Code _____

Oil
 Casinghead Gas
 Condensate
 Full Well Stream

INDICATE PURPOSE OF FILING

New Oil Lease or Gas Well. Form W-1 (Application for Permit to Drill, Deepen or Plug Back) filed in the name of:
 Operator EXXON CORPORATION Lease KATY GAS FIELD COGS. UNIT

- Change of Gatherer
- Change field name from Katy (IIA-U) & Katy (IIA-L) ⁰⁹⁷⁶⁰ ¹⁰⁷⁸³
- Change operator name from _____
- Change lease name from _____
- Consolidation or subdivision of lease (Attachments required - See instructions.)

Previous Form P-4 approval date if filed (or prior SW-1 number) _____ SW-1 Number or Date _____

REMARKS: Now a single completion

FOR RRC USE ONLY

Field No. _____

Operator No. _____

APR 21 - 2000

SEP 11 1975

AUTHORIZATION BY CURRENT OPERATOR
 The undersigned certifies that the above agent is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property in accordance with the regulations of the Railroad Commission of Texas, and that this authorization will be valid until further notice or until cancelled by the Railroad Commission of Texas, and the undersigned further certifies that the conservation laws of the State of Texas and all rules, regulations, and orders of the Railroad Commission of Texas have been complied with in respect to the property covered by this report.

8-27-75 A. S. [Signature] Unit Head 713-221-1336
 Date Signature Title Area Code & Telephone No.

OPERATOR NAME CHANGE (Acknowledgment required on changes of operator.)
 The undersigned, being the previous operator, has transferred operating responsibility on the above property.

Previous Operator _____ Signature _____

Address _____ Title _____

City, State & Zip Code _____ Date _____ Area Code & Telephone No. _____

INSTRUCTIONS

Each and every operator of oil, gas and/or condensate producing properties in the State of Texas shall file with the proper RRC District Office three (3) copies plus one additional copy for each gatherer shown on this form authorizing the gatherer(s) (whether himself or someone else) to transport the oil, gas and/or condensate from the properties of such producer.

Authorization is required for each person or gatherer transporting oil, gas and/or condensate from an oil lease or gas well. In the case of a split connection, the percentage of oil, gas and/or condensate each gatherer is authorized to transport shall be shown.

Each operator shall file a separate form for each oil lease or gas well listing all authorized gatherers on this oil lease or gas well on one form. - Effective date is required, to be shown on all changes, but not necessary on a new lease or well.

No oil, gas and/or condensate shall be moved from any oil lease or gas well until this form is completed and filed with the proper RRC District Office.

After the RRC agent in charge has approved this form, two (2) copies will be retained by the RRC and the remaining copies will be distributed to the producer and to each gatherer.

When an operator has filed this form with the RRC, thereby establishing himself as the current operator, it shall bind said operator until cancelled by him or revoked by the RRC. A new Form P-4 shall be filed if there is: (a) change in operator, (b) change in gatherer(s), (c) change in field name, (d) change in lease name, (e) consolidation or subdivision of lease(s), or (f) authorization to transport production has been cancelled by the RRC. (When consolidating or subdividing, attach each copy of Form P-4 a CC Form with a BEFORE and AFTER plat of lease showing changes. Plat should show distance to lease line and between wells along with proration units assigned if proration is in the field's allocation formula.)

When this form is filed because of or includes a change in operator name, the new operator will be the current operator and will execute this form. The proper lines under "Indicate Purpose of Filing" shall be checked and completed. Authorization to the gatherer(s) shall be by the new or current operator. The previous operator is required to execute the "Operator Name Change Acknowledgment" form.

0 0 0 1 3 0 1 4 2 4

JAN 07 1980

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

ADP DIVISION

Form P-4
Rev. 3/1/77

Producer's Certificate of Compliance and Authorization to Transport Oil and/or Casinghead Gas From an Oil Lease or Gas and/or Condensate from a Gas Well.		RRC District 3
Field Name (as per RRC records) Katy (T-4)		RRC Oil Lease No.
Gas Well No. Katy G F Cons U		RRC Gas Well Ident. No. 063205
Operator Name EXXON CORPORATION		Gas Well No. 4201
Address P. O. BOX 2443, HOUSTON, TEXAS 77001		Effective Date December 1, 1979
City, State, Zip Code		County Waller
		Survey J. M. Bennett

GAS GATHERER, PURCHASER, AND NOMINATOR

NOTE: The names of all three of the above must be furnished for all gas sold.

Name EXXON CORPORATION	RRC USE ONLY	INDICATE MARKET	<input type="checkbox"/> Interstate <input checked="" type="checkbox"/> Intrastate
Address P. O. BOX 2443, HOUSTON, TEXAS 77001	100 %	<input type="checkbox"/> Gas Well Gas <input checked="" type="checkbox"/> Full Well <input type="checkbox"/> Stream <input type="checkbox"/> Casinghead	<input checked="" type="checkbox"/> Gatherer <input type="checkbox"/> Purchaser <input type="checkbox"/> Nominator
City, State, Zip Code	of the		

Name

Address

City, State,

Name

Address

City, State,

Name

Address

City, State,

704 015 1230

0

GAS GATHERER, PURCHASER, AND NOMINATOR

NOTE: The names of all three of the above must be furnished for all gas sold.

	RRC USE ONLY 	INDICATE MARKET	<input type="checkbox"/> Interstate <input type="checkbox"/> Intrastate
Code _____ _____ % of the		<input type="checkbox"/> Gas Well Gas <input type="checkbox"/> Full Well Stream <input type="checkbox"/> Casinghead Gas	<input type="checkbox"/> Gatherer <input type="checkbox"/> Purchaser <input type="checkbox"/> Nominator
	RRC USE ONLY 	INDICATE MARKET	<input type="checkbox"/> Interstate <input type="checkbox"/> Intrastate
Code _____ _____ % of the		<input type="checkbox"/> Gas Well Gas <input type="checkbox"/> Full Well Stream <input type="checkbox"/> Casinghead Gas	<input type="checkbox"/> Gatherer <input type="checkbox"/> Purchaser <input type="checkbox"/> Nominator
	RRC USE ONLY 	INDICATE MARKET	<input type="checkbox"/> Interstate <input type="checkbox"/> Intrastate
Code _____ _____ % of the		<input type="checkbox"/> Gas Well Gas <input type="checkbox"/> Full Well Stream <input type="checkbox"/> Casinghead Gas	<input type="checkbox"/> Gatherer <input type="checkbox"/> Purchaser <input type="checkbox"/> Nominator

OIL OR CONDENSATE GATHERER

RRC USE ONLY

0001 1425

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form G-1

Rev. 7/5/66

**GAS WELL BACK PRESSURE TEST
COMPLETION OR RECOMPLETION REPORT AND LOG**

7. RRC District: **3**

8. RRC Identification Number: **103205**

9. Well Number: **4201**

10. County: **Waller**

11. Purpose of Test: Initial Potential Retest Reclass

12. Pipe Line Connection: **Katy Gas Plant**

13. If Workover, give former Field (with Reservoir): **Katy/II-A-U / Katy/II-A-L***

14. Completion Date: **8/12/75**

15. Type of Electric or other Log Run: **Elec.**

1. Well Name (or RRC Records or Wildcat): **Katy/I-A/**

2. LEASE NAME: **Katy Gas Field Consolidated Unit**

3. OPERATOR: **Exxon Corporation**

4. ADDRESS: **P. O. Box 2443, Houston, TX 77001**

5. If Operator has changed within last 60 Days -- Give former Operator: **---**

6. LOCATION (Section, Block, and Survey): **J. M. Bennett, A-286, Sec. 98**

11. If Workover, give former Field (with Reservoir): **---**

Section I GAS MEASUREMENT DATA *This was converted from a dual to a single well.

Date of Test	Gas Measurement Method (Check One)	Orifice Vent Meter	Pilot Tube	Critical-flow Orifice	Gas produced during test					
8/20/75	Orifice Meter <input checked="" type="checkbox"/> Positive Choke				6,195.23 MCF					
Run No.	Line Size	Orifice or Choke Size	4 Hr. Coeff. Orif or Choke	Water P _m or Choke Press	Diff. h _w	Flow Temp. °F	Pilot Tube Temp Factor F _{ll}	Gravity Factor P _g	Compress Factor P _{gv}	Volume MCF/DAY
1	5.500	4.000	91695.69	1300	67.2	126	0.9420	1.3019	1.065	35,645
2	5.500	4.000	91695.69	1639	41.0	128	0.9404	1.3019	1.076	31,491
3	5.500	4.000	91695.69	1743	17.6	128	0.9404	1.3019	1.079	21,377
4	5.500	4.000	91695.69	1850	4.0	122	0.9452	1.3019	1.086	10,611

Section II FIELD DATA AND PRESSURE CALCULATIONS

Gravity (Dry Gas)	Gravity Liquid Hydrocarbon	Gas-Liquid Hydro Ratio	Gravity of Mixture	Avg. Shut-In Temp.	Bottom Hole Temp.
0.590	55.00 Deg API	2,211,765 CF lbs	G _{mix} 0.594	155 °F	191 °F @ 6538 (Depth)
D _{eff} ^{8.3} 40.317	1/T ₁ 632	25.13	1/CL (.594)(6538) = 62.34		
C 1118 · (D _{eff}) ^{8.3} / T	(1118)(40.317) / 25.13 = 1793.7		1/CL C 62.34 / 1794 = 0.0348		

Run No.	Time of Run Min	Choke Size	Wellhead Press P _w PSIA	Wellhead Flow Temp °F	P _w ² (Thousands)	R	R ² (Thousands)	P ₁	P _w / P ₁
Shut-in	2 Hrs.		1940	118	3764				
1	90	0.0	1325	152	1756	1238.8	1534.5	1814	0.730
2	90	0.0	1515	154	2295	1094.4	1197.7	1869	0.811
3	90	0.0	1730	154	2993	742.9	551.9	1883	0.919
4	90	0.0	1865	148	3478	368.7	136.0	1901	0.981

Run No.	P	K	S	1/T	g _{hc}	P ₁ and P ₂	P ₁ ² and P ₂ ²	P ₁ ² - P ₂ ²	Angle of Slope
Shut-in		0.1185	1.147		1.146	2223	4940		n = 1.0
1	0.872	0.1006	1.119		1.119	2030	4121	819	n = 45°
2	0.909	0.1048	1.122		1.125	2102	4419	521	
3	0.960	0.1107	1.125		1.133	2132	4547	393	
4	0.991	0.1143	1.127		1.137	2162	4675	265	

Absolute Open Flow: **214,945 MCF/DAY**

OPEN FLOW TEST:

Shut-In Press: _____ Paig

Time Shut-In: _____ Hrs

Producing Through: _____

In. H ₂ O	In. Hg	Paig
Time	Reading	Time
15		25
30		40

M E Cochran
REPRESENTATIVE OF COMPANY MAKING TEST

REPRESENTATIVE OF RAILROAD COMMISSION

CERTIFICATE:

I declare under penalties prescribed in Article 6036c, R.C.S., that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete to the best of my knowledge.

TITLE: _____ DATE: **8-27-75**

A. E. [Signature]
REPRESENTATIVE OF COMPANY

SECTION III

DATA ON WELL COMPLETION AND LOG (Not Required on Re-test)

17. Type of Completion: New Well Deepening Plug Back Other 18. Date Permit Issued: **4-23-77**

19. Notice of Intention to Drill this Well was filed in Name of: **EXXON CORPORATION** 20. If Special Permit, Give

21. Number of Producing Wells on this Lease in This Field (Reservoir) including this Well: **2.1** 22. Total Number of Acres in this Lease: **31,850.835**

23. Date Plug Back, Deepening, ~~Work-over or Drilling Operations:~~ Commenced: **7-14-75** Completed: **7-27-75** 24. Distance to Nearest Well, Name: **2600'**

25. Location of Well, Relative to Lease Boundaries of Lease on which this Well is Located: **1320 South** Feet From **West** Line And **132** Line of **Section 9.8**

26. Elevation (OP, NKB, RT, GR, ETC): **181 DF** 27. Was Directional Survey Made: Yes

28. Top of Pay: **6513** 29. Total Depth: **7820** 30. P.B. Depth: **6640** 31. Surface Casing Determined By: Recommendation of Texas Water Development Board: Field Rules: Rotary Tools:

32. Is Well Multiple Completion? Yes No 33. If Multiple Completion List All Reservoir Names: 34. Intervals Drilled By: 35. Is Cementing Affidavit Attached? Yes

15. Name of Drilling Contractor: 36. Is Cementing Affidavit Attached? Yes

17. CASING RECORD (Report All Strings Set in Well)

Casing Size	Weight LB/FT.	Depth Set	Hole Size	Cementing Record

38. LINER RECORD

Size	Top	Bottom	Sacks Cement

39. TUBING RECORD

Size	Depth Set	Packer Set	40. Producing Interval (this completion) indicate Depth of Pa	
4 1/2	6430	otis WB	From 6513	To 65.64
			From	To
			From	To
			From	To

41. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

Depth Interval	Amount and Kind of Material Used
6650 - 6771	Squeeze cemented with 75 Sacks Class H Cement

42. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)

Formations	Depth	Formations	Dep

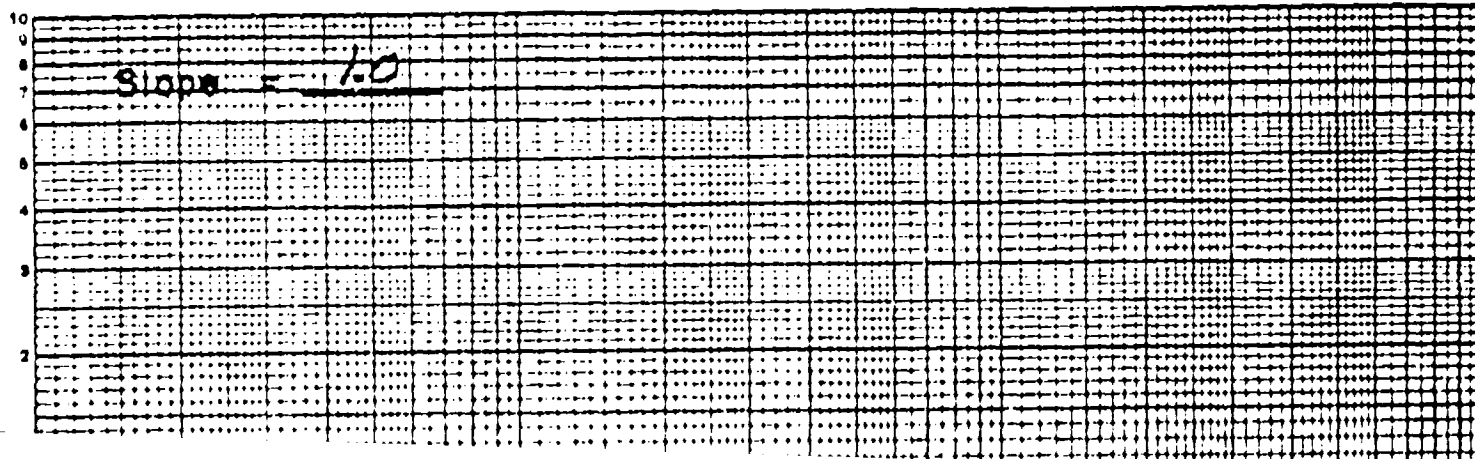
REMARKS

00013 1426

BACK PRESSURE CURVE
K.G.F.C.U. — WELL NO 4201

08/20/75

date



C Gas-Liquid Hydrocarbon Ratio 211765 (CY BBL) G Gravity of Liquid 5510
D Flowing Tubing Pressure 1325 PSI H Specific Gravity of the Gas (AIR = 1) 0.590

Section II
A Well Identification Flow 214945 POTENTIAL TEST DATA
B Date of Test 8-20-75 MCK DAY C Shut-In Wellhead Pressure 1940 (PSI)
D Length of Time Well Shut-In Prior to Test 2 Hours

Section III ASTM DISTILLATION OF LIQUID SAMPLE
Distillation Test is required only on Gas Wells producing with a Gas-Liquid Ratio of less than 100,000 Cubic Feet per Barrel.

PERCENT OVER	TEMPERATURE (DEG. F.)
0	
10	
20	
30	
40	
50	
60	
70	
80	
90	
95	
100	

I declare under penalties prescribed in Article 6038c, R. C. S., that I am authorized to make this report, that this report was prepared by me or under my supervision and direction and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

A. E. Duffy
SIGNATURE

8-27-75
DATE TITLE

3-10-63205

INSTRUCTIONS

This report shall be filed in duplicate in the appropriate Railroad Commission District Office: (a) Upon completion of a gas well; (b) Upon reclassification of any well from oil to gas, or gas to oil; (c) And upon subsequent requests by the Railroad Commission.

NOTICE:

NO CONDENSATE OR CRUDE PETROLEUM WILL BE CLEARED FROM A GAS WELL UNTIL THIS REPORT HAS BEEN PROPERLY PREPARED, EXECUTED AND FILED.

Production Test: The production test data required should reflect representative operating conditions and the volumes must be on a 24-hour basis.

Potential Test: The potential test data shown shall be that taken from a Railroad Commission test made during the latest semi-annual survey; or, if no test was made during such survey, data shall be taken from a test made by the operator not more than 30 days prior to the date on which this report is filed.

AFI Well No. 42

SPS

APPLICATION FOR PERMIT TO

Check one: DRILL DEEPEN PL

1. Operator

Exxon Corporation

2. Address (including City and Zip Code)

P. O. Box 2443
Houston, Texas 77001

3. Is Form P-5 (Organization Report) in Exact Operator Name Filed?

YES NO

12	13	14
FIELD NAME (Exactly as shown on R. R. C. Protection Schedule including Reservoir if applicable.) If Wildcat, so state below.	Completion Depth	RRC Lease or ID Number (if applicable)
Katy /I-A/	6400	--
Well currently a dual completion back and completed as a single in permit dated 12/22/42.		

NOTICE

NO ALLOWABLE WILL BE ASSIGNED to any well which does not have to protect all fresh water sands. Where Commission rules do not specify permits, it will be necessary to contact Texas Water Development B ascertain the depth to which fresh water sands must be protected.

REMARKS: Loc: 6150' E of nearest unit

N of S line & 1320' E of W line

Also 2600' NE of Well #5103.

0001436

RA

000131 1109

I.D. #

06733

000131 1110

COMMISSION STATEWIDE ORDER NO. 20-62502 DATED NOVEMBER 15, 1972
AUTHORIZED NAME CHANGES FROM HUMBLE OIL & REFINING CO. TO EXXON
CORP. AND HUMBLE PIPE LINE COMPANY TO EXXON PIPELINE COMPANY
WITHOUT FILING OF COMMISSION FORM P-4 TO BE EFFECTIVE JANUARY 1, 1973.

DISTRICT- 3 FIELD-KATY (II-A L)
OPERATOR-EXXON CORP.

FLD. NO. -48278 606

OPR NO. -257097

ID NO. -06733 GAS LEASE-KATY GAS FLD. CONS. UNIT
GATHERERS GAS-EXXOC

WELL NO-4201 L

PERMANENT RECORD CHANGE NOTICE - FILED IN LIEU OF FORM P-4

X-REFERENCE

File this sheet: 3. G.P	ID#
KATY (T.A.L)	06733
Description of Material	eff 8/1/75

Change of Field Name

Exxon
 Katy Gas Field Cons. Unit
 Well # 4201-L
 Waller

See File: 3. G.P	ID#
KATY (E.A)	03205

GAS WELL BACK PRESSURE TEST
COMPLETION OR RECOMPLETION REPORT AND LOG

Identification Number
SW 06733

Well Number
4201-L

County
Waller

Depth of Test
See Remarks
Initial Potential

Operator
Katy (IIA-L)
EKROY CORPORATION

Address
P. O. BOX 2440, HOUSTON, TEXAS 77001

Location (Section, Block, and Survey)
J. M. Bennett, A-286, Section 98

List of Other Operators Notified and Date of Notification

Type of Electric or other Lock Out

Section I GAS MEASUREMENT DATA

Run No.	Line Size	Gas Measurement Method (Check One)		Static P _m or Choke Press	Diff. h _w	Flow Temp. °F	Pilot Tube Temp. Factor F _{ft}	Critical Flow Point		Gas produced during test MCF/DAY
		Orifice Meter	Positive Choke					Gravity Factor F _g	Compressibility Factor F _{pv}	

Section II FIELD DATA AND PRESSURE CALCULATIONS

Gravity Dry Gas: Gravity Liquid Hydrocarbon: Gas-Liquid Hydrocarbon Ratio: Gravity of Mixture: Avg. Shut-In Temp: Bottom Hole Temp: Deg. API: CF/DAY: Depth:

$D_{eff} = \frac{D_o}{2} \left[1 - \frac{D_{ch}}{D_o} \right]$
 $C = \frac{1118 \cdot (D_{eff})^{R^3}}{T}$
 $R = \frac{D_{ch}}{D_o}$

Run No.	Time of Run Min	Choke Size	Wellhead Press P _w (PSIA)	Wellhead Flow Temp. °F	P _w ² (Thousands)	R	R ² (Thousands)	P ₁	P _w P ₁	Angle of Slope
Shut-In										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										

OPEN FLOW TEST:

Shut-In Press	PSIG		
Time Shut-In	Hrs		
Producing Through			
In. H ₂ O	In. Hg	PSIG	
Time	Reading	Time	Reading
15		25	
30		10	

REPRESENTATIVE OF COMPANY MAKING TEST

REPRESENTATIVE OF RAILROAD COMMISSION

CERTIFICATE:
I declare under penalty prescribed in Article 6036, R.C.S. that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete to the best of my knowledge.

A. E. Duff
REPRESENTATIVE OF COMPANY

Unit Head
TITLE

8-27-75
DATE

SECTION 11

DATA ON WELL COMPLETION AND LOG (Not Required on Re-test)

17. Type of Completion: New Well Deepening Plug Back Other

18. Date Permit Issued

19. Name of Intention to Drill this Well was filed in Name of

20. If Special Permit Give Permit Number

21. Number of Producing Wells on this Lease in This Field (Reservoirs including this Well)

22. Total Number of Acres in this Lease

23. Date Plug Hole, Deepening, Work Over or Drilling Operations Commenced Completed

24. Location of Nearest Well (Name, Lease & Reservoir)

25. Location of Well Relative to Lease Boundaries of Lease in which this Well is Located

26. Elevation of Well (MGS, RT, or LT)

27. Was Directional Survey Made Yes No

28. Top of Pay Total Depth P. B. Depth Surface Casing (Determine by)

29. Recommendations of Texas Water Development Board Field Rules Railroad Commission (Special)

30. Is Well Multiple Completion? Yes No

31. If Multiple Completion List All Reservoir Names

32. Intervals Drilled by: Rotary Tools Cable Tools

33. Name of Drilling Contractor

34. Is Cementing Affidavit Attached? Yes No

CASING RECORD (Report All Strings Set in Well)					
Casing Size	Weight LB. FT.	Depth Set	Hole Size	Cementing Record	Amount Pulled

LINER RECORD			
Size	Top	Bottom	Screen

TUBING RECORD		Packer Set	40 Producing Interval (this completion) indicate Depth of Perforations or Open Hole	
Size	Depth Set		From	To
			From	To
			From	To
			From	To
			From	To

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Depth Interval	Amount and Kind of Material Used

FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)			
Formations	Depth	Formations	Depth

REMARKS *Please remove well from production schedule. Well now a single producer in Katy (I-A).*

PRODUCER'S CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL OR GAS FROM LEASE

FIELD Katy (II-A-I) SURVEY J. W. McCutcheon A-308 COUNTY Harris

OPERATOR Humble Oil & Refining Company LEASE (No. 06733) Katy Gas Field Consolidated Unit
LEASE NAME

RESERVOIR (For Gas Wells) Sand II-A (Lower) WELL NO. (For Gas Wells) 4201-L

ADDRESS ALL CORRESPONDENCE CONCERNING THIS FORM TO:

STREET P. O. Box 2443 CITY Houston STATE Texas 77001

The above named operator hereby authorizes Humble Oil & Refining Company whose principal place of business

is P. O. Box 2443 Houston Texas and whose field address is Box 276, Katy, Texas 77450
(Street) (City) (State)

to transport 100 % of the Full wet stream produced from the lease designated above until

further notice. Other gatherers transporting None from this lease are:
OIL
CONDENSATE
GAS WELL GAS
CASEHEAD GAS
(Name of Gatherer) % (Name of Gatherer) %

The undersigned certifies that the above agent is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property in accordance with the regulations of the Railroad Commission of Texas, and that this authorization will be valid until further notice or until cancelled by the Railroad Commission of Texas, and the undersigned further certifies that the conservation laws of the State of Texas and all rules, regulations, and orders of the Railroad Commission of Texas have been complied with in respect to the property covered by this report.

EXECUTED THIS THE 21st DAY OF November, 1967.

HUMBLE OIL & REFINING COMPANY

A. J. Beutner
(Affiant)

STATE OF TEXAS,)
COUNTY OF _____)

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report is true and correct.

SUBSCRIBED and sworn to before me this the _____ day of _____, 19____.

(Seal) _____ Notary Public in and for _____ County, Texas

Registered in office of Railroad Commission of Texas at Austin, this _____ day of _____, 19____.

RAILROAD COMMISSION OF TEXAS

By [Signature]

INSTRUCTIONS: Separate authorization is required for each person transporting oil or gas from the lease, and in the event of a split connection show in authorization what portion of the oil or gas each person is authorized to transport. Each and every producer of crude oil and natural gas in the State of Texas shall execute under oath a report on Form SW-1 authorizing a gatherer (whether himself or some one else) to transport the oil or gas from the properties of such producer and shall file said report in the office of the Railroad Commission of Texas in the District in which such properties are located in FOUR DUPLICATE ORIGINALS. After the Railroad Commission agent in charge has registered such report and placed thereon the Commission's SW-1 Serial Number, two copies of such report shall be returned to the producer making the report or his duly authorized agent, one of such copies so returned to be delivered by the producer to the gatherer authorized to transport oil or gas. Each producer shall file a separate report for each lease and for each gatherer transporting oil or gas from said lease. After the producer has filed with the Commission said report on Form SW-1, it shall bind said producer until cancelled by him, and it shall not be necessary for the producer after filing his first report on Form SW-1 to file with the Commission any subsequent authorization report on said Form until (a) operating ownership changes, (b) the lease is subdivided or consolidated in which event SW-1 must be accompanied by a revised lease plat showing the changes, (c) gatherer is to be changed, or (d) the certificate of compliance and authorization to transport oil or gas has been cancelled by the Commission. No oil or gas shall be moved from any lease until said report on Form SW-1 is completely executed, filed with, and registered by the Commission's agent. This Certificate and Authorization may be revoked by the Railroad Commission of Texas at any time for failure to comply with the oil and gas conservation laws of the State of Texas and the rules, regulations and orders of the Railroad Commission of Texas.

Form 1 Notice of Intention to Drill Filed in the Name of Humble Oil & Refining Company Katy Gas Field Unit II
(Operator) (Lease)

INDICATE PURPOSE OF FILING

NEW LEASE: _____

CHANGE OF OPERATING NAME FROM: _____

CHANGE OF LEASE NAME FROM: Well Katy Gas Field Unit II, Well 2-L to Katy Gas Field Consolidated Unit, Well 4201-L.

CHANGE OF GATHERER FROM: _____

CONSOLIDATION/SUBDIVISION OF LEASE/S: _____

EFFECTIVE DATE: December 1, 1967
(Required on all except new lease)

REMARKS: This change due to consolidation of Katy Gas Field Units I & II

RECEIVED
R.R.C. of TEXAS

If an SW-1 Form has been executed on this lease previously, show in the space below the serial number then assigned to it by the Commission:
COMMISSION'S SERIAL NUMBER SW-1. 350377
*Strike out inapplicable terms.

G. C.
HOUSTON, TEXAS

READ INSTRUCTIONS ON BACK

1. Field name exactly as shown on proration schedule KATY (COMBINED)		2. Lease name KGFCU (CKFD UB)	
3. Operator name exactly as shown on P-5 Organization Report Exxon Corporation		4. Operator P-5 no. 257097	5. Oil lease no. -
7. Operator address including city, state, and zip code P. O. Box 4358 Houston, Texas 77210-4358		8. County in which oil lease or gas well is actually located Waller	6. RRC district no. 03
		9. Gas ID no. 069217	10. Gas well no. 5203
		11. Effective date 4/1/88	

12. GAS WELL GAS OR CASINGHEAD GAS Additional space and example on reverse side

Type Operation			Name of gatherer, purchaser, and/or nominator as indicated in type operation columns NOTE: For each purchaser, give its RRC-assigned system code and identify the market. If applicable, place an "X" in the full-well stream column for the gatherer.	RRC USE ONLY				Purchaser's RRC Assigned System Code	Purchaser's Market		Percent of Take	Full-well stream
gatherer	purchaser	nominator		G/P/N Code					inter-state	intra-state		
			NONE									

13. NAME OF OIL OR CONDENSATE GATHERER List highest volume gatherer first NONE		Percent of Take	RRC USE ONLY Gath code	14. PURPOSE OF FILING Remarks: Delete gas information. System is assigned to ID # 115366 only	
				a. <input type="checkbox"/> New oil lease <input type="checkbox"/> New gas well <input type="checkbox"/> Reclassification (oil to gas or gas to oil) <input type="checkbox"/> Consolidation, unitization or subdivision b. CHANGE <input checked="" type="checkbox"/> Gatherer <input checked="" type="checkbox"/> Nominator <input checked="" type="checkbox"/> Purchaser <input type="checkbox"/> Purchaser's system code	

RRC USE ONLY Approved.

Oper. No. _____
Field No. _____
Remarks
MAY 02 1988

c. CHANGE FROM
 Operator _____
 Field Name _____
 Lease Name _____

15. OPERATOR CHANGE. Being the PREVIOUS operator, I certify that operating responsibility for any and all wells located on the subject property has been transferred in its entirety to the above named current operator.

Previous Operator _____ Date _____
Signature _____ Name (Print) _____
Title _____ Phone () _____
Address with city/state/zip _____

16. CURRENT OPERATOR'S CERTIFICATION

Signature **Gregory T. Foster** Name (Print) **Gregory T. Foster**
Title **Regulatory Affairs Unit Supervisor** Date **4/18/88** Phone **(713) 775-6814**

I, the current operator, certify that the above agent is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property in accordance with the regulations of the Railroad Commission of Texas, and that this authorization will be valid until further notice or until cancelled by the Railroad Commission of Texas, and further certify that the conservation laws of the State of Texas and all rules, regulations and orders of the Railroad Commission of Texas have been complied with in respect to the property covered by this report

check if listings are continued on reverse side

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

API NO. (if available) 42-473-00187 RRC District 3

FILE IN DUPLICATE WITH DISTRICT OFFICE OF DISTRICT IN WHICH WELL IS LOCATED WITHIN THIRTY DAYS AFTER PLUGGING

2. FIELD NAME (as per RRC Records) Katy (Combined)		3. Lease Name KGFCU (CKFD U B)		4. RRC Lease or Id. Number 069217	
6. OPERATOR Exxon Corporation		6a. Original Form W-1 Filed in Name of Humble Oil & Refining Co.		5. Well Number 5203	
7. ADDRESS P.O. Box 4358, Houston, TX 77210-4358		6b. Any Subsequent W-1's Filed in Name of: -----		10. County Waller	
8. Location of Well, Relative to Nearest Lease Boundaries of Lease on which this Well is Located 660 Feet From west Line and 800 Feet From north Line of the KGFCU (CKFD U B) Lease		9a. SECTION, BLOCK, AND SURVEY H. & T.C. RR Survey, A-166		11. Date Drilling Permit Issued 4-10-52	
9b. Distance and Direction From Nearest Town in this County 5.5 miles NW of Katy, Texas		12. Permit Number Intent to Drill		13. Date Drilling Commenced 4-23-52	
16. Type Well (Oil, Gas, Dry) Gas	Total Depth 6656	17. If Multiple Completion List All Field Names and Oil Lease or Gas ID No.'s GAS ID or OIL LEASE #		14. Date Drilling Completed 5-2-52	15. Date Well Plugged 11-5-92
18. If Gas, Amt. of Cond. on Hand at time of Plugging -----		Oil - O Gas - G		WELL #	

CEMENTING TO PLUG AND ABANDON DATA:	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
*19. Cementing Date	11/6/92	11/4/92	11/4/92	11/5/92				
20. Size of Hole or Pipe in which Plug Placed (inches)	5 1/2	5 1/2	5 1/2	7 9/8				
21. Depth to Bottom of Tubing or Drill Pipe (ft.)	6207	6315	2565	30'				
*22. Sacks of Cement Used (each plug)	35	15	55	15				
*23. Slurry Volume Pumped (cu. ft.)	371	15.9	58.3	15.9				
*24. Calculated Top of Plug (ft.)	6132	6196	2320	3				
25. Measured Top of Plug (if tagged) (ft.)	6315	6206	2225	-				
*26. Slurry Wt. #/Gal.	16.2	16.4	16.4	15.6				
*27. Type Cement	H	H	H	A				

28. CASING AND TUBING RECORD AFTER PLUGGING				29. Was any Non-Drillable Material (Other than Casing) Left in This Well <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
SIZE	WT. #/FT.	PUT IN WELL (ft.)	LEFT IN WELL (ft.)	HOLE SIZE (in.)	29a. If answer to above is "Yes" state depth to top of "junk" left in hole and briefly describe non-drillable material. (Use Reverse Side of Form if more space is needed.)
9 5/8	36.0	2515	2508	12 1/4	-----
5 1/2	15.5	6630	6600	8 7/8	

30. LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS					
FROM	TO	FROM	TO	FROM	TO
6620	6622				
6389	6409				
2561	2563				

I have knowledge that the cementing operations, as reflected by the information found on this form, were performed as indicated by such information.
* Designates items to be completed by Cementing Company. Items not so designated shall be completed by Operator.

Signature of Cementer or Authorized Representative: Frankie Klumig
Name of Cementing Company: KSI Oilwell Services Inc

CERTIFICATE
I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

REPRESENTATIVE OF COMPANY: [Signature] TITLE: Sr Workover Tech DATE: 11/4/92 Phone: 713 391-3176 A/C: _____ NUMBER: _____

SIGNATURE: REPRESENTATIVE OF RAILROAD COMMISSION

RECORD CODIFICATION
JAN 21 1993
MAPPING

31. Was Well filled with Mud-Laden Fluid, according to the regulations of the Railroad Commission <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	32. How was Mud Applied? <i>Circulated</i>	33. Mud Weight <i>9.5</i> LBS/GAL
34. Total Depth <i>6656</i> Depth of Deepest Fresh Water <i>2500</i>	Other Fresh Water Zones by T.D.W.R. TOP _____ BOTTOM _____ _____ _____	35. Have all Abandoned Wells on this Lease been Plugged according to RRC Rules? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 36. If NO, Explain _____
37. Name and Address of Cementing or Service company who mixed and pumped cement plugs in this well <i>KSI Oilwell Service Inc. P.O. BOX 931 Bellville TX 77418</i>		Date RRC District Office notified of plugging <i>10/22/92</i>
38. Names and Addresses of Surface Owner of Well Site and Operators of Offset Producing Leases <i>Expcon Corp. is Surface Owner by Fee Land #80923.</i>		
39. Was Notice Given Before Plugging to Each of the Above? <i>Yes</i>		
FILL IN BELOW FOR DRY HOLES ONLY		
40. For Dry Holes, this Form must be accompanied by either a Driller's, Electric, Radioactivity or Acoustical/Sonic Log or such Log must be released to a Commercial Log Service. <input type="checkbox"/> Log Attached <input type="checkbox"/> Log released to _____ Date _____ Type Logs: <input type="checkbox"/> Driller's <input type="checkbox"/> Electric <input type="checkbox"/> Radioactivity <input type="checkbox"/> Acoustical/Sonic		
41. Date FORM P-8 (Special Clearance) Filed?		
42. Amount of Oil produced prior to Plugging _____ bbls* * File FORM P-1 (Oil Production Report) for month this oil was produced		
RRC USE ONLY		
Nearest Field _____		

REMARKS _____

0 0 0 1 3 1 0 9 3 0

08589

00131 3931

COMMISSION STATEWIDE ORDER NO. 20-62,502 DATED NOVEMBER 15, 1972
AUTHORIZED NAME CHANGES FROM HUMBLE OIL & REFINING CO. TO EXXON
CORP. AND HUMBLE PIPE LINE COMPANY TO EXXON PIPELINE COMPANY
WITHOUT FILING OF COMMISSION FORM P-4 TO BE EFFECTIVE JANUARY 1, 1973.

DISTRICT- 3 FIELD WATY (I-3)

FLD. NO. -48278 544

OPERATOR-EXXON CORP.

OPR. NO. -257097

LEASE NO. 05589 OIL LEASE-LOUCKS, L. S.

GATHERERS OIL-EXXON

CASINGHEAD-EXXOC

PERMANENT RECORD CHANGE NOTICE - FILED IN LIEU OF FORM P-4

APR 17 1978

Producer's Certificate of Compliance and Authorization to Transport Oil and/or Casinghead Gas From an Oil Lease or Gas and/or Condensate from a Gas Well.	RRC District <u>3</u>
Field Name (as per RRC records)	RRC Oil Lease No. <u>08589</u>
Lease Name <u>KATY IS 131</u> <u>LESS LOCUS</u>	RRC Gas Well Ident. No.
Operator Name <u>Exxon Corporation</u>	Gas Well No.
Address <u>P.O. Box 2443</u>	Effective Date <u>4-1-78</u>
City, State, Zip Code <u>Houston Texas 77001</u>	County <u>Harris</u>
	Survey <u>WATCO PR A-184</u>

GAS GATHERER, PURCHASER, AND NOMINATOR
NOTE: The names of all three of the above must be furnished for all gas sold.

Name <u>Exxon Corporation</u>	RRC USE ONLY <u>100%</u>	INDICATE MARKET	<input checked="" type="checkbox"/> Interstate <input type="checkbox"/> Intrastate
Address <u>P.O. Box 2443</u>	of the	<input type="checkbox"/> Gas Well Gas <input type="checkbox"/> Full Well Stream <input checked="" type="checkbox"/> Casinghead Gas	<input checked="" type="checkbox"/> Gatherer <input checked="" type="checkbox"/> Purchaser <input checked="" type="checkbox"/> Nominator
City, State, Zip Code <u>Houston Texas 77001</u>			
Name _____	RRC USE ONLY _____	INDICATE MARKET _____	<input type="checkbox"/> Interstate <input type="checkbox"/> Intrastate
Address _____	of the _____	<input type="checkbox"/> Gas Well Gas <input type="checkbox"/> Full Well Stream <input type="checkbox"/> Casinghead Gas	<input type="checkbox"/> Gatherer <input type="checkbox"/> Purchaser <input type="checkbox"/> Nominator
City, State, Zip Code _____			
Name _____	RRC USE ONLY _____	INDICATE MARKET _____	<input type="checkbox"/> Interstate <input type="checkbox"/> Intrastate
Address _____	of the _____	<input type="checkbox"/> Gas Well Gas <input type="checkbox"/> Full Well Stream <input type="checkbox"/> Casinghead Gas	<input type="checkbox"/> Gatherer <input type="checkbox"/> Purchaser <input type="checkbox"/> Nominator
City, State, Zip Code _____			

OIL OR CONDENSATE GATHERER

Name <u>Spurlocke Oil Co.</u>	RRC USE ONLY <u>SCUR</u>	<input checked="" type="checkbox"/> Oil <input type="checkbox"/> Condensate
Address <u>5501 Houston Club Building</u>	of the _____	
City, State, Zip Code <u>Houston Texas 77002</u>		
Name _____	RRC USE ONLY _____	<input type="checkbox"/> Oil <input type="checkbox"/> Condensate
Address _____	of the _____	
City, State, Zip Code _____		

INDICATE PURPOSE OF FILING

New Oil Lease or Gas Well. Form W-1 (Application for Permit to Drill, Deepen or Plug Back) filed in the name of:

<input checked="" type="checkbox"/> Change of Gatherer	<input type="checkbox"/> Change of Purchaser	<input type="checkbox"/> Change of Nominator
--	--	--

Change field name from _____	FOR RRC USE ONLY Field No.
Change operator name from _____	Operator No.
Change lease name from _____	Approved
Consolidation or subdivision of lease (Attachments required - See instructions.)	_____

Previous Form P-4 approval date if filed (or prior SW-1 number) _____ mo. day yr. SW-1 Number or Date _____

REMARKS _____

AUTHORIZATION BY CURRENT OPERATOR
The undersigned certifies that the above agent is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property in accordance with the regulations of the Railroad Commission of Texas, and that this authorization will be valid until further notice or until cancelled by the Railroad Commission of Texas, and the undersigned further certifies that the conservation laws of the State of Texas and all rules, regulations, and orders of the Railroad Commission of Texas have been complied with in respect to the property covered by this report.

4-1-78 Date [Signature] Signature UNIT MANAGER Title 13-68-334 Area Code & Telephone No.

OPERATOR NAME CHANGE (Acknowledgment required on changes of operator.)
The undersigned, being the previous operator, has transferred operating responsibility on the above property.

Previous Operator _____ Signature _____

Address _____ Title _____

City, State & Zip Code _____ Date _____ Area Code & Telephone No. _____

If there are additional gatherers, purchasers, or nominators, check here and use reverse side of this form.

GAS GATHERER, PURCHASER, AND NOMINATOR			
NOTE: The names of all three of the above must be furnished for all gas sold.			
Name	RRC USE ONLY	INDICATE MARKET	Interstate Intrastate
Address		Gas Well Gas Full Well Stream	Gatherer Purchaser
City, State, Zip Code	of the	Casinghead Gas	Nominator
Name	RRC USE ONLY	INDICATE MARKET	Interstate Intrastate
Address		Gas Well Gas Full Well Stream	Gatherer Purchaser
City, State, Zip Code	of the	Casinghead Gas	Nominator
Name	RRC USE ONLY	INDICATE MARKET	Interstate Intrastate
Address		Gas Well Gas Full Well Stream	Gatherer Purchaser
City, State, Zip Code	of the	Casinghead Gas	Nominator

OIL OR CONDENSATE GATHERER

Name	RRC USE ONLY		Oil Condensate
Address			
City, State, Zip Code	of the		
Name	RRC USE ONLY		Oil Condensate
Address			
City, State, Zip Code	of the		

INSTRUCTIONS

- Each and every operator of oil, gas and/or condensate producing properties in the State of Texas shall file with the proper RRC District Office three (3) copies, plus one additional copy for each gatherer shown on this form authorizing the gatherer(s) (whether himself or someone else) to transport the oil, gas and/or condensate from the properties of such producer. If the first purchaser and/or nominator for gas is different from the gatherer, an additional copy must be filed for each purchaser and nominator named on this form.
- Authorization is required for each person or gatherer transporting oil, gas and/or condensate from an oil lease or gas well. In the case of a split connection, the percentage of oil, gas and/or condensate each gatherer is authorized to transport shall be shown.
- Each operator shall file a separate form for each oil lease or gas well listing all authorized gatherers for this oil lease or gas well on one form. Also, the names and addresses of the first purchaser and nominator must be furnished for all gas sold from the oil lease or gas well. Effective date is required, to be shown on all changes, but not necessary on a new lease or well.
- No oil, gas and/or condensate shall be moved from any oil lease or gas well until this form is completed and filed with the proper RRC District Office.

After the RRC agent in charge has approved this form, two (2) copies will be retained by the RRC and the remaining copies will be distributed to the producer and to each gatherer, purchaser, and nominator.

- After an operator has filed this form with the RRC, thereby establishing himself as the current operator, it shall bind said operator until cancelled by him or revoked by the RRC. A new Form P-4 shall be filed if there is: (a) change in operator, (b) change in gatherer(s), (c) change in field name, (d) change in lease name, (e) change in first purchaser of gas, (f) change in nominator for gas, (g) consolidation or subdivision of lease(s), or (h) authorization to transport production has been cancelled by the RRC. When consolidating or subdividing, attach to each copy of Form P-4 a P-6 Form with a BEFORE and AFTER plat of lease showing changes. Plat should show distance to lease line and between wells along with production units assigned if acreage is in the field. Also, show formula.
- If this form is filed because of or includes a change in operator name, the new operator will be the current operator and will execute this form. The proper lines under "Indicate Purpose of Filing" shall be checked and completed. Authorization to the gatherer(s) shall be by the new or current operator. The previous operator is required to execute the "Operator Name Change Acknowledgment" before the RRC records will be changed.
- This authorization may be revoked by the RRC at any time for failure to comply with the oil and gas conservation laws of the State of Texas and the rules, regulations and orders of the Railroad Commission of Texas.

NOTE: FILING OF FORM P-5, ORGANIZATION REPORT SHOWING EXACT OPERATING NAME IS REQUIRED FOR ALL NEW OPERATORS AND/OR ORGANIZATION CHANGES.

32 DIGITS (SPACES) IS THE LIMITATION FOR OPERATING AND LEASE NAMES. ABBREVIATIONS SHOULD BE USED IF NECESSARY TO CONFORM TO THE LIMITATION.

X - REFERENCE

File this sheet: # 3 0 A	See #
Katy (I-B)	08889

Description of Material

Chg. of Old Name
 Oper: Elyon Corp
 See: Katy Gas FH. Cons. Unit
 Well # 5205
 Co: Waller

11-1-75

See Code Sheet & Plat

See File: # 3 0 A	ID
Katy I-A	64473

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form W-2
Rev. 6/30/75

0000431 09 (Wallerfield up B)

OIL WELL POTENTIAL TEST
COMPLETION OR RECOMPLETION REPORT AND LOG

1. FIELD NAME (as per RRC Records or Wildcat) KATY 1-107

2. LESSEE NAME L. S. Loucks

3. OPERATOR Exxon Corporation

4. ADDRESS Box 2443 Houston Texas 77001

5. If operator has changed within last 60 days (Give former Operator)

6a. LOCATION (Section, BE, S, and Survey) N+TCC RR - A-166, Sec 97

6b. Distance and Direction to nearest town in this county

11. Type of Electric or other Log run Induction Electric

7. RRC District 3

8. RRC Lease Number 08589

Well Number 2

10. County WALLER

11. Purpose of Test
Initial Potential
SGE Remarks
Retest

Reclose

14. Completion Date 6-29-76

Section I

POTENTIAL TEST DATA

15. Date of Test	16. No. of Hours Tested	17. Production Method (Flowing, Gas Lift, Jetting, Pumping - Size & Type of Pump)			18. Choke Size
19. Production During Test Period	Oil - BBLs	Gas - MCF	Water - BBLs	Gas - Oil Ratio	Flowing Tubing Pressure PSI
20. Calculated 24 Hour Rate	Oil - BBLs	Gas - MCF	Water - BBLs	Oil Gravity - API - 60°	Casing Pressure PSI
21. Was Swab or Artificial Flowing Device Used During this Test? Yes No		22. Oil Produced Prior to Test (New & Reworked Wells)			23. Injection Gas-Oil Ratio

NOTE: TEST SHOULD BE FOR 24 HOURS UNLESS OTHERWISE SPECIFIED IN FIELD RULES

INSTRUCTIONS: All potential test forms, with all information requested thereon filled in, shall be filed in the District Office of the Railroad Commission not later than ten (10) days after the test is completed and, should the operator fail to file potential test in an acceptable form within the ten (10) days as specified, then the effective date of the allowable resulting from such test shall not extend back more than ten (10) days prior to receipt and acceptance of the potential test form in the District Office. This Ten-Day provision shall govern regardless of whether the potential test is taken during the month in which it is received in the District Office or any prior month. Fill in only the front of this Form when reporting only a potential test, if well is newly completed or recompleted, fill in reverse side also.

EACH WITNESS MUST PERSONALLY SIGN.

We, the undersigned, witnessed this test, by observation of meter readings, or the top and bottom gauges of each tank, whichever is applicable, into which production was run during duration of this test.

Signature: REPRESENTATIVE OF COMPANY MAKING TEST

List of Offset Operators Notified and Date Notified:

Signature: REPRESENTATIVE OF RAILROAD COMMISSION

List of Offset Operators Notified and Date Notified:

An inclination survey has been run in accordance with Statewide Rule 11 and the results are available upon request. Maximum horizontal displacement was _____ feet at a measured depth of _____ feet.

Signature of Authorized Representative

Name of Company Conducting Survey

I have knowledge that the cementing operations, as reflected by the information found on the reverse side of this form, were performed as indicated by such information.

Signature of Cementer or Authorized Representative

Name of Cementing Company

CERTIFICATE

I declare under penalties prescribed in Article 6016c, R.C. 9, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

E. O. ...

REPRESENTATIVE OF COMPANY

UNIT HEAD

TITLE

12-14-76

DATE

SECTION II DATA ON WELL COMPLETION AND LOG (Not Required on Refest)

24. Type of Completion: New Well Deepening Plug Back Other 25. Date Permit Issued: 2-6-76

26. Notice of Intention to Drill this Well; was filed in Name of: Exxon Corporation 27. If Special Permit, Give Permit Number

28. Number of Producing Wells on This Lease in This Field (Reservoir) including this Well: 31850.8

29. Date Plug Back, Deepening, or Completion Work (Cover or Drilling Operations) Completed: 6-09-76 6-29-76 30. Distance to Nearest Well Same Lease & Reservoir

31. Location of Well, Relative to Nearest Lease Boundaries of Lease on which this Well is Located: 800 Feet East S of N Line and 660 Feet East of W Line of Sec 97

32. Elevation of Well Head (ft.): 185 33. Was Direction Survey Made: Yes No

34. Total Pay Depth: 6690 35. P.B. Depth: 6580 36. Surface Casing Diameter (in.): 9 3/8 37. Recommendation of Lease Water Development Board: 38. Depth in Feet: 39. Railroad Commission (Special):

40. Is well Multiple Completion? Yes No 41. If Multiple Completion, List All Reservoir Names or Completions in this Well: 42. Name of Drilling Contractor: 43. Is Cementing Affidavit Attached? Yes No

44. CASING RECORD (Report All Strings Set in Wells)

CASING SIZE	WT. FT.	DEPTH SET	MULTI STAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (Sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.
9 3/8"	36.0	2513					
5 1/2"	16.0	6690					

45. LINER RECORD

Size	Top	Bottom	Surbs Cement	Screen

46. YUBING RECORD

Size	Depth Set	Packer Set	Producing Interval (this completion) indicate Depth of Perforations or Open Hole
2 3/8	6300	6160.79	From To From To From To From To

47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

Depth Interval	Amount and Kind of Material Used
6620-6622	Squeezed off w/35 SKS

48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)

Formations	Depth	Formations	Depth
VICKBURG	4600'		
Whitsett	5136'		
m. Elroy	5343'		
COCKFIELD	6265'		

REMARKS This well was formerly completed as an oil well & styled L.S. Lewis #2. IT has been reworked & recompleted as a GAS well & restyled AS KARY Gas Field Consolidated unit 5203. A G-1 has been submitted. Please drop from oil exhibit. A & oil monthly strip out report.

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

FORM W-1
(3-1-70)

3-08589

API Well No. 42

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Check one: DRILL DEEPEN PLUG BACK OTHER (Specify)

Change Lease Name and Well Number

7. RRC District
3
8. County
Waller
9. Well Number
5203
10. Number of Acres in Lease
31,850.835
11. Distance from Proposed Location to Nearest Property or Lease Line (ft.)
5800

1. Operator
Exxon Corporation
2. Address (Including City and Zip Code)
P. O. Box 2443
Houston, TX 77001
3. Is Form P-5 (Organization Report) in Exact Operator Name Filed?
YES NO

4. Lease Name
Katy Gas Fld. Cons. Unit
5. Location (Sec., Bk., Survey)
H & T C RR Co., A-166, Sec. 97
6. This well is to be located 5.5 miles northwest Direction from Katy, Texas Nearest Post Office or Town.

EACH PROPOSED COMPLETION

12	13	14	15	16	17	18	19	20	21	22
FIELD NAME (Exactly as shown on R. R. C. Production Schedule including Reservoir if applicable) If Wildcat, so state below.	Completion Depth	RRC Lease or ID Number (if applicable)	Field Rule Section (Distance to Lease Line & distance between wells. If no special rules indicate Rule 37.)	Field Rule Section (Distance to Lease Line & distance between wells. If no special rules indicate Rule 38.)	Number of Acres in Drilling Unit (for this Well)	Is this acreage presently assigned to another well in same field? (Yes or No. If yes, explain in remarks.)	Distance from proposed location to nearest drilling completed well in same reservoir or same lease (ft.)	Is this a Regular Location? (Yes or No)	Oil, Gas, or other Type Well (Specify)	Number of Wells or Permitted Locations on this Lease in same Reservoir for which this Permit is Requested
			OIL	GAS						
Katy (Cockfield Upper B)	6430	--	Rule 37	Rule 38	40	No	5300	Yes	Gas	-- 10

(Handwritten: Lila S. Loucks Well #2)
Lila S. Loucks Well #2 in the Katy (I-B) Field to be plugged back and completed in the Katy (Cockfield Upper B) Field and designated as Katy Gas Fld. Cons. Unit Well #5203. This well was drilled under a regular permit dated April 18, 1952.

NOTICE
NO ALLOWABLE WILL BE ASSIGNED to any well which does not have sufficient surface casing to protect all fresh water sands. Where Commission rules do not specify surface casing requirements, it will be necessary to contact Texas Water Development Board, Austin, Texas, to ascertain the depth to which fresh water sands must be protected.

REMARKS: Loc: 5800' ESE of nearest Unit line, 800' S of N line and 660' E of W line of Sec. 97.
—Also 5300' N of Well #5301-U.

CERTIFICATE
I do hereby under penalties prescribed in Article 6035b, Texas C. S., that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.
(Signature)
SECTION HEAD
Date: FEBRUARY 5, 1976
Telephone Area Code: 713 652-1279

RECEIVED
FEB 5 - 1976
HOUSTON, TEXAS

INSTRUCTIONS

1. DO NOT BEGIN DRILLING OPERATIONS ON ANY LOCATION PRIOR TO FILING FORM W-1 AND UNTIL PERMIT GRANTED BY THE COMMISSION HAS BEEN RECEIVED AND WAITING CLAUSE PERIOD, IF SPECIFIED IN PERMIT, HAS TERMINATED.
2. Before this application can be processed, a Form P-5 (Organization Report) showing the exact operator name used on this Form W-1 must be on file with the Railroad Commission in Austin. If a new operator name is used, a new Form P-5 must be filed.
3. a. This form shall be filed in duplicate in the appropriate district office for regular locations.
b. If this application includes a Rule 27 exception (spacing less than prescribed by rule), this form must be filed in triplicate in the appropriate district office. In addition, the applicant shall identify on the plat all property adjoining this lease by giving the lease name and the operator's name and address for each such property, or where unleased, the name and address of the property owner. Names and addresses may be listed on a separate attached sheet, but must be correlated with the plat.)
4. a. Use only the Commission approved field designation. If this location is for more than one field, list each separate field and give data required on form for each.
b. IF A WILDCAT, write "Wildcat" in place of field name and under "Remarks" state the perpendicular distances and directions from the two nearest intersecting Survey lines and under "Completion Depth" state total projected depth. A reservoir that has never been given a field designation by the Commission is considered a Wildcat.
5. a. A neat, accurate PLAT OR SKETCH OF THE LEASE MUST BE ATTACHED to this form as part of the application.
This plat must include:
 - (1.) Location of the proposed well
 - (2.) Distance to nearest lease lines. (Distinguish between survey lines and lease lines to avoid confusion.)
 - (3.) Distance to nearest drilling, completed, or applied for well on the same lease in the same field.
 - (4.) Drilling operation or density unit boundary.
 - (5.) Section, block, or lot.
 - (6.) Northerly direction.
 - (7.) Scale.
b. The following should be observed on the plat where applicable:
 - (1.) Where the size of the tract will permit, a scale of one inch equal to 1000 feet shall be used.
 - (2.) If it is not practical to show the entire lease and the plat shows only a portion of your lease, it shall be clearly shown that same is only a part of the lease, but state on the face of this form the acreage for the entire lease.
 - (3.) Show production or density unit boundaries for the location herein applied for and such unit boundaries for each producing well on this lease completed in the same field according to Statewide Rule 35 C and give the acreage contained in each unit.
6. a. As of January 1, 1969, an API unique well number will be assigned by the Commission for permits to DRILL from the surface. The space provided for API Well Number should be left blank by the applicant for a permit to DRILL.
b. As of January 1, 1969, the applicant for a permit to DEEPEN, PLUG BACK or SIDETRACK should enter the previously assigned API Well Number, if available, in the space provided, since a new number will not be assigned by the Commission.

Appendix F
Field Notes and Photographs

FIELD RECONNAISSANCE

SITE INFORMATION

Day/Date/Time:	<u>Friday, 8/04/2023, 9:00 a.m. - 10:30 a.m. and Friday, 11/17/2023, 8:45 a.m. - 10:30 a.m.</u>
Inventory by:	<u>Peter Lyman, P.E. and Jordan Vega (8/04/2023) & Peter Lyman, P.E. (11/17/2023)</u>
Location Description:	<u>Vacant Land</u>
Site/Business Name/ID:	<u>Planned Waller County MUD 48 Water Plant 1 and Well 1 site</u>
Address:	<u>Approximately 5,100 feet WNW of Stockdick Rd and FM 2855</u>
City/State/Zip/County:	<u>Katy, Texas, 77493, Waller County</u>
Phone Number/s:	<u>281-558-8700, BGE, Inc.</u>
Site Contact/Talked to:	<u>Kenyon Hunt, P.E., BGE, Inc.</u>
Landowner/Tenant:	<u>Waller County MUD 48</u>
Site Photographs:	<u>Yes, see field photos in report</u>

GENERAL TYPE OF SITE / PROPERTY

Residential	<u>_____</u>	Commercial	<u>_____</u>	Industrial	<u>_____</u>	Agricultural	<u>_____X_____</u>	Natural	<u>_____</u>
Other and information:	<u>Agricultural and Pasture Land</u>								
Status of Site:	<u>In Use</u>	<u>_____</u>	<u>Vacant</u>	<u>_____</u>	<u>X</u>	<u>Abandoned</u>	<u>_____</u>	<u>Unknown</u>	<u>_____</u>

POTENTIAL POLLUTION HAZARDS & POSSIBLE SOURCES OF CONTAMINATION

Airport	<u>--</u>	Pond/Lagoon/Depression	<u>--</u>
Animal/Livestock	<u>--</u>	Railroad	<u>--</u>
Auto/Car/Paint Facility	<u>--</u>	Sewer/Sewage:	<u>--</u>
Cemetery/Burial Site	<u>--</u>	Sanitary Sewer	<u>--</u>
Chemical Facility/Storage	<u>--</u>	Storm Sewer	<u>--</u>
Construction Site	<u>--</u>	Sewage Wet Well	<u>--</u>
Creek/Ditch/Canal	<u>N-S Irrigation Canal W of Site</u>	Lift/Pumping Station	<u>--</u>
Waste Discharge?	<u>--</u>	Treatment Plant	<u>--</u>
Dry Cleaners/Photo Lab	<u>--</u>	Septic Tank/Drain/Other	<u>--</u>
Electronics Facility	<u>--</u>	Storage Tank/s:	<u>--</u>
Electrical/Power Lines	<u>Overhead Lines S of the Site</u>	Above/Below Ground	<u>--</u>
Farm/Fertilizer/Pesticide	<u>--</u>	Drum/Container	<u>--</u>
Gas/Service Station/Fuel	<u>--</u>	Liquid/Solid/etc.	<u>--</u>
Golf Course/Irrigation	<u>--</u>	Waste Disposal Site:	<u>--</u>
Grain Storage Bin	<u>--</u>	Type of Waste/s	<u>--</u>
Highway/Road	<u>N-S Dirt Road W of Site</u>	Well/Test Hole:	<u>--</u>
Landfill/Dump	<u>--</u>	Water/Oil/Gas/Other	<u>Oil &/or Gas, Gas, Oil/Gas and Gas</u>
Mine/Quarry/Pit	<u>Dirt Quarry N-NW of the Site</u>	Well Identification	<u>Abandoned Exxon Oil &/or Gas Well</u>
Outhouse/Privy	<u>--</u>		<u>Hilcorp Energy Co. Gas Well</u>
Petroleum/Pipeline:	<u>Exxon Pipeline Easement E&W of Site</u>		<u>Plugged Oil/Gas Well Pad</u>
	<u>(adjacent to the water plant)</u>		<u>Plugged Gas Well Pad</u>
Petroleum/Oil/Gas	<u>No signage or other indicator of pipeline observed on site.</u>	Active/Abandoned	<u>1 abandoned, 1 active, 2 plugged respectively</u>
Active/Abandoned	<u>unknown</u>	Other Type of Hazard	<u>--</u>

-- = none observed

FIELD RECONNAISSANCE

FIELD NOTES AND OBSERVATIONS

SITE NAME/IDENTIFICATION: Planned Waller County MUD 48 Water Plant 1 and Well 1 site
DAY/DATE/TIME: Friday, 8/04/2023, 9:00 a.m. - 10:30 a.m. & Friday, 11/17/2023, 8:45 a.m. - 10:30 a.m.

The planned Waller County MUD 48 Well 1 site is located 5,110 feet WNW of the intersection of Stockdick Rd and FM 2855.

There is an existing pipeline easement along the east and west sides of the planned water plant and water well 1 location.
No signage was observed during the site visit.

A north-south oriented irrigation canal is 200 to 300 feet west of the planned water well 1 location.

A abandoned Exxon well head with generator and casing stickup was discovered 765 to 865 feet NE of the planned site.
An active Hilcorp Energy Co. gas well is located 1,300 to 1,400 feet SW of the planned site.

The entrance gate to a abandoned oil and gas well pad located 1,290 to 1,390 feet SSE of the planned site was observed.
No above ground infrastructure was found or in place.

The location of a plugged and abandoned gas well located about 1,325 to 1,425 feet NE of the planned site was visited.
No above ground infrastructure was found or in place.

No water wells were observed during the site visit.

A dirt quarry was observed and is located approximately 0.3 to 0.4-mile NNW of the planned site.

A pipeline easement which includes four pipelines total was located 0.6-mile east of the planned site.
[Enterprise crude oil (two), Energy Transfer natural gas (two)].



Photo 1

Overview of the Planned Waller County MUD 48 Water Plant 1 Site, View to the North,
11/17/2023



Photo 2

Overview of the Planned Waller County MUD 48 Water Plant 1 Site, View to the West,
11/17/2023



Photo 3

Overview of the Planned Waller County MUD 48 Water Plant 1 Site, View to the South,
11/17/2023



Photo 4

Overview of the Planned Waller County MUD 48 Water Plant 1 Site, View to the East,
11/17/2023



Photo 5

Abandoned Exxon Well Head, 765 to 865 feet Northeast of the Planned Site,
View to the North, 08/04/2023



Photo 6

Abandoned Exxon Well Head, 765 to 865 feet Northeast of the Planned Site,
View to the Southeast, 08/04/2023



Photo 7

North-South Oriented Irrigation Canal, 200 to 300 feet West of the Planned Site,
View to the North, 08/04/2023



Photo 8

Hilcorp Energy Company Gas Well Signage, 1,300 to 1,400 feet Southwest of the
Planned Site, 08/04/2023



Photo 9

Hilcorp Energy Company Gas Wellhead, 1,300 to 1,400 feet Southwest of the Planned Site, View to the Northwest, 08/04/2023



Photo 10

Plugged Oil/Gas Gate to Well Pad, 1,290 to 1,390 feet South-Southeast of the Planned Site, View to the East, 08/04/2023



Photo 11

Dirt Quarry, 0.3 to 0.4-mile North-Northwest of the Planned Site,
View to the Northwest, 08/04/2023



Photo 12

Plugged Gas Well Pad Location, 1,325 to 1,425 feet Northeast of the Planned Site,
View to the East, 08/04/2023



Photo 13

Enterprise Crude Petroleum Pipeline, 0.6 mile East of the Planned Site,
08/04/2023



Photo 14

Energy Transfer Gas Pipeline, 0.6 mile East of the Planned Site,
08/04/2023

William R. Hutchison, Ph.D., P.E., P.G.

Independent Groundwater Consultant

909 Davy St.

Brenham, TX 77833

512-745-0599

billhutch@texasgw.com

www.texasgw.com

January 29, 2024

Mr. Zach Holland
General Manager
Bluebonnet Groundwater Conservation District
PO Box 269
Navasota, TX 77868-0269

RE: Phase I-a Report: Waller County MUD No. 48

Dear Mr. Holland,

This letter represents the Phase I-a report for the Waller County MUD No. 48 permit application that I received from you via email on January 26, 2024.

“Estimated Annual Water Production” is 200 million gallons per year, which equal to the 200 million gallon per year threshold. Therefore, the application requires the preparation of a Phase I-a analysis of potential drawdown.

Well Locations on HAGM Grid

The latitude and longitude data on the application were used to convert the location data to x- and y-coordinates in the GAM coordinate system using Surfer, a commercial gridding program. The FORTRAN program *PointRC.exe* was used to find the HAGM cell for those x- and y-coordinates. The results of this effort yielded that the well is in HAGM row 50, column 78.

The applications noted that the well depth will be 1,125 feet, and casing depth will be 400 feet. For purposes of this report, it is assumed that the listed casing depth refers to the depth of the blank casing. Thus, the screened interval will be between 400 feet and 1,125 feet. Based on the location, the well will be screened in the Evangeline Aquifer (HAGM layer 2).

Grid Parameters, HAGM Parameters, HAGM Results, Theis Parameters

The Excel spreadsheet named *BGCD Parameters.xlsx* contains the data needed for the review and Phase I-a calculations for cells designated in the four counties of the Bluebonnet Groundwater Conservation District. The data for row 50, column 78 were copied and transposed into the spreadsheet *Waller MUD 48 Phase I-a Tables.xlsx*. Results for layer 1 (Chicot) and layer 2 (Evangeline Aquifer) are summarized into four tables as follows:

- Table 1: Grid Parameters
- Table 2: HAGM Parameters

- Table 3: HAGM Results
- Table 4: Theis Parameters (layer 2 only)

Table 1. Grid Parameters for Waller MUD No. 48 Well

County Name	Waller	Waller
County Code	237	237
Outcrop Layer	1	1
Layer	1	2
Row	50	50
Column	78	78
x-coordinate (GAM-ft)	6217244	6217244
y-coordinate (GAM-ft)	19197706	19197706
Surface Elevation (ft MSL)	174	174
Cell Top Elevation (ft MSL)	174	-55
Cell Bottom Elevation (ft MSL)	-55	-1326
Cell Thickness (ft)	229	1271
Clay Thickness (ft)	103	747
Clay Thickness (% of Cell Thickness)	44.98	58.77

Table 2. HAGM Parameters for Waller MUD No. 48 Well

County Name	Waller	Waller
County Code	237	237
Outcrop Layer	1	1
Layer	1	2
Row	50	50
Column	78	78
Hydraulic Conductivity (ft/day)	20.36	2.50
Transmissivity (gpd/ft)	34,865	23,768
Leakage (1/day)	1.10E-05	1.79E-05
Storativity (dimensionless)	1.00E-01	3.60E-04
Elastic Storativity (dimensionless)	8.00E-05	4.97E-05
Inelastic Storativity (dimensionless)	8.00E-03	4.97E-03

Table 3. HAGM Results for Waller MUD No. 48 Well

County Name	Waller	Waller
County Code	237	237
Outcrop Layer	1	1
Layer	1	2
Row	50	50
Column	78	78
Groundwater Elevation in 2009 (ft MSL)	44	21
Groundwater Elevation in 2080 (ft MSL)	-30	-99
DFC Drawdown (ft)	73	121
Artesian Head (ft)	-130	76
Subsidence in 2009 (ft)	1.07	1.07
Subsidence in 2080 (ft)	2.11	2.11
Subsidence from 2009 to 2080 (ft)	1.04	1.04
Cell Pumping in 2009 (AF/yr)	0	50.69
Cell Pumping in 2080 (AF/yr)	0	35.37

Table 4. Theis Parameters for Waller MUD No. 48 Well

County Name	Waller
County Code	237
Outcrop Layer	1
Layer	2
Row	50
Column	78
Drawdown in Production Well at 100 gpm for 36 hours	8.97
Drawdown 1/2 mile from Production Well at 100 gpm for 36 hours	0.76
Drawdown 1/2 miles from Production Well at 100 gpm for 1 year	3.35
Drawdown-Pumping Ratio for Production Well for 36 hours	0.08965
Drawdown-Pumping Ratio for 1/2 mile from Production Well for 36 hours	0.00761
Drawdown-Pumping Ratio for 1/2 mile from Production Well for 1 yr	0.03349

Theis Equation Calculations

Groundwater production data from the permit applications were used along with the drawdown-pumping ratios contained in Table 4 to develop three estimates of drawdown for each well:

- Scenario 1: drawdown in the production well after 36-hours of pumping at three times the average annual pumping rate
- Scenario 2: drawdown in a well ½ mile from the production well after 36 hours of pumping at three times the annual pumping rate

- Scenario 3: drawdown in a well ½ mile from the production well after one year at the average pumping rate.

Results of these calculations for are presented in Table 5.

Table 5. Their Results for Waller MUD No. 48 Well

Production Summary	Value
Annual Permit Production Limit (gallons)	200,000,000
Annual Permit Production Limit (acre-feet)	614
Average Pumping Rate (gpm)	381
3X Average Pumping Rate (gpm)	1142

Evangeline		
Drawdown Calculations	Drawdown- Pumping Ratios	Calculated Drawdown (ft)
Production Well - 36 hours (3X avg pumping)	0.08965	102.34
1/2 mile from Production Well - 36 hours (3X avg pumping)	0.00761	8.69
1/2 mile from Production Well - one year (avg pumping)	0.03349	12.74

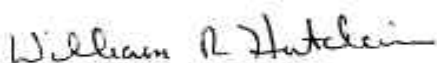
These data represent the best integrated data of the area from a regional perspective. The local-scale data will be developed as part of the Phase II investigation. This will include more site-specific information and data on aquifer depth, clay content, and aquifer parameters calculated from the 36-hour pumping test.

Recommendation

Based on the results of the Phase I-a report, the application should be approved, and the Phase II investigation should proceed to verify the Phase I-a estimates related to the aquifer (e.g. depth to top of Evangeline and clay content) and related to aquifer performance (e.g. drawdown at the end of the 36-hour pumping test and aquifer transmissivity).

I appreciate the opportunity to work with you on this effort. Please call me at 512-745-0599 or email me at billhutch@texasgw.com if you have any questions.

Sincerely,



William R. Hutchison, Ph.D., P.E., P.G.