



RAILROAD COMMISSION OF TEXAS

Form W-2

1701 N. Congress
P.O. Box 12967
Austin, Texas 78701-2967

Status: Approved
Date: 06/04/2021
Tracking No.: 249746

OIL WELL POTENTIAL TEST, COMPLETION OR RECOMPLETION REPORT,

OPERATOR INFORMATION

Table with Operator, PIONEER NATURAL RES. USA, INC., Operator 665748, and AMBER MCFADDEN PO BOX 3178 MIDLAND, TX 79702-0000.

WELL INFORMATION

Table with well details: API 42-383-40858, Well No.: 3H, Lease UNIVERSITY 10-11C, RRC Lease 21299, Location Section: 11, Block: 10, Survey: UL, Abstract: U217, County: REAGAN, RRC District 7C, Field SPRABERRY (TREND AREA), Field No.: 85279200, Latitude, Longitude, and direction from BIG LAKE.

FILING INFORMATION

Table with filing details: Purpose of Well Record Only, Type of New Well, Well Type: Shut-In Producer, Completion or Recompletion 04/02/2021, Type of Permit, Date 01/30/2020, Permit No. 861362, Rule 37 Exception, Fluid Injection, O&G Waste Disposal, Other.

COMPLETION INFORMATION

Table with completion details: Spud 11/11/2020, Date of first production after rig 04/02/2021, Date plug back, deepening, drilling operation 11/11/2020, Date plug back, deepening, recompletion, drilling operation 03/23/2021, Number of producing wells on this lease this field (reservoir) including this 0, Distance to nearest well in lease & reservoir 0.0, Total number of acres in 1608.00, Elevation 2668 RKB, Total depth TVD 7653, Total depth MD 20457, Plug back depth TVD, Plug back depth MD, Was directional survey made other inclination (Form W- Yes, Rotation time within surface casing Is Cementing Affidavit (Form W-15) 31.5 Yes, Recompletion or No, Multiple No, Type(s) of electric or other log(s) Acceptable cased hole logs, Electric Log Other Description, Location of well, relative to nearest lease of lease on which this well is 555.0 Feet from the South Line and 1330.0 Feet from the West Line of the UNIVERSITY 10-11C Lease. Off Lease : No

FORMER FIELD (WITH RESERVOIR) & GAS ID OR OIL LEASE NO.

Table with columns: Field & Reservoir, Gas ID or Oil Lease, Well No., Prior Service Type. PACKET: N/A

W2: N/A

FOR NEW DRILL OR RE-ENTRY, SURFACE CASING DEPTH DETERMINED BY:

GAU Groundwater Protection Determination	Depth	525.0	Date	01/28/2020
SWR 13 Exception	Depth	1087.0		

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION

Date of		Production
Number of hours	24	Choke
Was swab used during this	No	Oil produced prior to
PRODUCTION DURING TEST PERIOD:		
Oil		Gas
Gas - Oil	0	Flowing Tubing
Water		
CALCULATED 24-HOUR RATE		
Oil		Gas
Oil Gravity - API - 60.:		Casing
Water		

CASING RECORD

<u>Ro</u>	<u>Type of Casing</u>	<u>Casing Size (in.)</u>	<u>Hole Size</u>	<u>Setting Depth</u>	<u>Multi - Stage</u>	<u>Multi - Tool Shoe</u>	<u>Cement Class</u>	<u>Cement Amoun</u>	<u>Slurry Volume (cu.)</u>	<u>Top of Cement (ft.)</u>	<u>TOC Determined By</u>
1	Surface	13 3/8	17 1/2	1028			C	1100	1891.0	0	Circulated to Surface
2	Intermediate	9 5/8	12 1/4	6972	3239		TXI & C	981	2369.0	0	Circulated to Surface
3	Intermediate	9 5/8	12 1/4	6972			C & TXI	1158	2824.0	3239	Calculation
4	Conventional Production	5 1/2	8 1/2	20442			TXI	2814	4831.0	76	Cement Evaluation Log

LINER RECORD

<u>Ro</u>	<u>Liner Size</u>	<u>Hole Size</u>	<u>Liner Top</u>	<u>Liner Bottom</u>	<u>Cement Class</u>	<u>Cement Amoun</u>	<u>Slurry Volume (cu.)</u>	<u>Top of Cement (ft.)</u>	<u>TOC Determined</u>
N/A									

TUBING RECORD

<u>Ro</u>	<u>Size (in.)</u>	<u>Depth</u>	<u>Size (ft.)</u>	<u>Packer Depth (ft.)/Type</u>
1	2 7/8	7408		/

PRODUCING/INJECTION/DISPOSAL INTERVAL

<u>Ro</u>	<u>Open hole?</u>	<u>From (ft.)</u>	<u>To (ft.)</u>
1	No	L1 7737	20416.0

ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC.

Was hydraulic fracturing treatment Yes

Is well equipped with a downhole sleeve? No If yes, actuation pressure

Production casing test pressure (PSIG) Actual maximum pressure (PSIG) during hydraulic fracturing 9500 fracturin 9232

Has the hydraulic fracturing fluid disclosure been Yes

<u>Ro</u>	<u>Type of Operation</u>	<u>Amount and Kind of Material Used</u>	<u>Depth Interval (ft.)</u>	
1	Fracture	SEE FRAC FOCUS	7737	20416

FORMATION RECORD

<u>Formations</u>	<u>Encountere</u>	<u>Depth TVD</u>	<u>Depth MD</u>	<u>Is formation</u>	<u>Remarks</u>
GRAYBURG	Yes	2979.0	2979.0	Yes	PROJECTED TOP, VALUE MAY CHANGE
QUEEN	Yes	2502.0	2502.0	Yes	PROJECTED TOP, VALUE MAY CHANGE
SAN ANDRES - SALTWATER FLOW, POSSIBLY HEAVY CLEARFORK	Yes	3173.0	3173.0	Yes	PROJECTED TOP, VALUE MAY CHANGE
SPRABERRY	Yes	4956.0	4956.0	Yes	PROJECTED TOP, VALUE MAY CHANGE
STRAWN	No			No	BELOW TVD
FUSSELMAN	No			No	BELOW TVD
ELLENBURGER	No			No	BELOW TVD

Do the producing interval of this well produce H2S with a concentration in excess of 100 ppm No

Is the completion being downhole commingled No

REMARKS

AS DRILLED PLAT, P16 TO BE UPLOADED WITH IP. LOG TRK# 30783. KOP 7066'

RRC REMARKS

PUBLIC COMMENTS:

[RRC Staff 2021-06-03 17:19:01.458] EDL=12650 feet, max acres=800, SPRABERRY (TREND AREA) oil well;

take points: 7737-20416 feet

CASING RECORD :

TUBING RECORD:

PRODUCING/INJECTION/DISPOSAL INTERVAL :

ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC. :

POTENTIAL TEST DATA:

OPERATOR'S CERTIFICATION

Printed	DAVID VINCENTI	Title:	Regulatory Specialist
Telephone	(972) 969-3935	Date	05/20/2021



RAILROAD COMMISSION OF TEXAS

Form W-

1701 N. Congress

P.O. Box 12967

Austin, Texas 78701-2967

CEMENTING REPORT

Operator Information

Operator Name: PIONEER NATURAL RES. USA, INC. Cementer Name: PERMIAN 5 ENERGY SERVICES,L.L.C.

Operator P-5 No: 665748 Cementer P-5 No: 855743
Address: ATTN WELDON PIERSON 777 HIDDEN RIDGE Address: PO BOX 52672 MIDLAND TX 79710
IRVING TX 75038 Date: 11/16/2020
Date: 05/10/2021

Well Information

District No: 7C County: REAGAN
Well No: 3H API No: 38340858 Drilling Permit No: 861362
Lease Name: UNIVERSITY 10-11C Field Name: SPRABERRY (TREND AREA)

Lease No: N/A Field No: 85279200

Casing Cementing Data

Type of casing: Surface Cementing Date : 11/12/2020
Drilled hole size (in.): 17 1/2
Size of casing in O.D.(in): 13 3/8 Depth of drilled hole (ft.): 1049
Hrs. waiting on cement before drill-out: 12 No. of centralizers used : 8
Est. % wash-out or hole enlargement: 20 Top of liner (ft.): N/A
Calculated top of cement (ft.): 0 Setting depth liner (ft.) : N/A
Was cement circulated to ground surface (or bottom of cellar) Setting depth shoe (ft): 1028
outside casing? [Yes] Casing weight (lbs/ft) and grade: 54.5 K55
Multiple parallel strings: No DV tool not opened: No

Slurry

Slurry # 1 * No. of Sacks: 750 * Class: C * Additives: 4% GEL * Volume (cu. ft.) 1425 * Height (ft.) 2052
Slurry # 2 * No. of Sacks: 350 * Class: C * Additives: NEAT * Volume (cu. ft.) 466 * Height (ft.) 670

Cementing to Squeeze, Plug Back or Plug and Abandon

Remarks

Cementor Certification: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision and that the cementing data and facts presented on both sides of this form are true, correct and complete, to the best of my knowledge. This certification covers cementing data only.

Company Representative: MARTIN HIGAREDA Representative's Title: OPERATIONS
Phone Number: (432) 664-9221

Operator Certification: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources code, 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.

Operator Representative: David Vincenti Representative's Title: Regulatory Specialist
Phone Number: (972) 969-3935



RAILROAD COMMISSION OF TEXAS

Form W-

1701 N. Congress
P.O. Box 12967
Austin, Texas 78701-2967

CEMENTING REPORT

Operator Information

Operator Name: PIONEER NATURAL RES. USA, INC.	Cementer Name: SCHLUMBERGER TECHNOLOGY CORP.
Operator P-5 No: 665748	Cementer P-5 No: 754900
Address: ATTN WELDON PIERSON 777 HIDDEN RIDGE IRVING TX 75038	Address: 300 SCHLUMBERGER DR MD 23 SUGAR LAND TX 77478
Date: 05/17/2021	Date: 05/13/2021

Well Information

District No: 7C	County: GLASSCOCK	
Well No: 3H	API No: 38340858	Drilling Permit No: 861362
Lease Name: UNIVERSITY 10-11C	Field Name: SPRABERRY (TREND AREA)	
Lease No: N/A	Field No: 85279200	

Casing Cementing Data

Type of casing: Intermediate	Cementing Date : 05/13/2021
Drilled hole size (in.): 12 1/4	Depth of drilled hole (ft.): 6982
Size of casing in O.D.(in): 9 5/8	No. of centralizers used : 45
Hrs. waiting on cement before drill-out: 12	Top of liner (ft.): N/A
Est. % wash-out or hole enlargement: 20	Setting depth liner (ft.) : N/A
Calculated top of cement (ft.): 3239	Setting depth shoe (ft): 6972
Was cement circulated to ground surface (or bottom of cellar) outside casing? [Yes]	Casing weight (lbs/ft) and grade: 40 L80- IC Multiple parallel strings: No DV tool not opened: No

Slurry

Slurry # 1 * No. of Sacks: 261 * Class: Class C * Additives: see remarks * Volume (cu. ft.) 348 * Height (ft.) 6473
 Slurry # 2 * No. of Sacks: 897 * Class: TXI * Additives: See Remarks * Volume (cu. ft.) 2476 * Height (ft.) 3313

Casing Cementing Data - Multi-stage

Drilled hole size (in.): 12 1/4	Depth of drilled hole (ft.): 6982
Size of casing in O.D.(in): 9 5/8	No. of centralizers used : 45
Hrs. waiting on cement before drill-out: 12	Setting depth tool (ft): 3239
Est. % wash-out or hole enlargement: 20	Casing weight (lbs/ft) and grade: 40 L80- IC
Calculated top of cement (ft.): 0	
Was cement circulated to ground surface (or bottom of cellar) outside casing? [Yes]	

Slurry - Multi-stage

Slurry # 1 * No. of Sacks: 236 * Class: Class C * Additives: see remarks * Volume (cu. ft.) 314 * Height (ft.) 2813
 Slurry # 2 * No. of Sacks: 745 * Class: TXI * Additives: see remarks * Volume (cu. ft.) 2055 * Height (ft.) 0

Cementing to Squeeze, Plug Back or Plug and Abandon

Remarks

- 9 5/8" Intermediate Casing

Cementer Certification: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision and that the cementing data and facts presented on both sides of this form are true, correct and complete, to the best of my knowledge. This certification covers cementing data only.

Company Representative: Corey Walkowski
Phone Number: (814) 322-2818

Representative's Title: Field engineer

Operator Certification: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources code, 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.

Operator Representative: David Vincenti
Phone Number: (972) 969-3935

Representative's Title: Regulatory Specialist



RAILROAD COMMISSION OF TEXAS

Form W-

1701 N. Congress

P.O. Box 12967

Austin, Texas 78701-2967

CEMENTING REPORT

Operator Information

Operator Name: PIONEER NATURAL RES. USA, INC. Cemente Name: SCHLUMBERGER TECHNOLOGY CORP.

Operator P-5 No: 665748

Cemente P-5 No: 754900

Address: ATTN WELDON PIERSON 777 HIDDEN RIDGE
IRVING TX 75038

Address: 300 SCHLUMBERGER DR MD 23 SUGAR LAND TX
77478

Date: 05/10/2021

Date: 12/21/2020

Well Information

District No: 7C

County: REAGAN

Well No: 3H

API No: 38340858

Drilling Permit No: 861362

Lease Name: UNIVERSITY 10-11C

Field Name: SPRABERRY (TREND AREA)

Lease No: N/A

Field No: 85279200

Casing Cementing Data

Type of casing: Production

Cementing Date : 12/19/2020

Drilled hole size (in.): 8 1/2

Size of casing in O.D.(in): 5 1/2

Depth of drilled hole (ft.): 20457

Hrs. waiting on cement before drill-out: 12

No. of centralizers used : 68

Est. % wash-out or hole enlargement: 20

Top of liner (ft.): N/A

Calculated top of cement (ft.): 76

Setting depth liner (ft.) : N/A

Was cement circulated to ground surface (or bottom of cellar)
outside casing? [No]

Setting depth shoe (ft): 20442

Casing weight (lbs/ft) and grade: 20 P110-
IC

Multiple parallel strings: No

DV tool not opened: No

Slurry

Slurry # 1 * No. of Sacks: 510 * Class: TXI * Additives: B389	B553	D206	D031	D047
D154 D174 D208 D255 D800 D049 D047 D065 D174 D208		* Volume (cu. ft.)		
1122 * Height (ft.) 2641				
Slurry # 2 * No. of Sacks: 2304 * Class: TXI * Additives: B389	B553	D206	D031	D047
D154 D174 D208 D255 D800 D049 D047 D065 D174 D208		* Volume (cu. ft.)		
3709 * Height (ft.) 6946				

Cementing to Squeeze, Plug Back or Plug and Abandon

Remarks

- 5.5" Production Casing

Cementer Certification: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision and that the cementing data and facts presented on both sides of this form are true, correct and complete, to the best of my knowledge. This certification covers cementing data only.

Company Representative: B Farnham

Representative's Title: FS3

Phone Number: (970) 778-2323

Operator Certification: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources code, 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.

Operator Representative: David Vincenti

Representative's Title: Regulatory Specialist

Phone Number: (972) 969-3935

You must comply with all other provisions of SWR 13 (Statewide Rule 13) and a representative of the cementing company who performs the cementing job for the protection of usable quality water strata must sign the Form W-15 attesting to the information regarding cementing operations performed; including circulation of cement. (Note: If surface casing is set below the approved depth, this can result in denial of future Statewide Rule 13(b)(1)(H)(i) requests.) A condition of the approved drilling permit requires notification to the Railroad Commission of Texas District Office eight (8) hours prior to the time casing is to be set/cemented in the well. If your exception request was submitted after the subject well has been drilled and completed, the operator may be referred for enforcement action.

This authorization shall expire within five (5) years from the date the Groundwater Protection Determination was issued, or at the expiration of the drilling permit (if the well is not spudded prior to expiration) for the referenced well, whichever occurs first. Furthermore, this authorization supersedes any prior authorizations issued for the referenced well.

This exception is based on information provided when the application was submitted 01/30/2020 .
If any information has changed, you must contact the appropriate Railroad Commission of Texas District Office, and submit a new application if applicable. If you have questions, please contact the appropriate Oil and Gas District office.

RRC APPROVAL BY: Crystal Denson

DATE: 01/30/2020

BILL SPRAGGINS

DISTRICT DIRECTOR

This facsimile L-1 was generated electronically from data submitted to the RRC.

Tracking No.: 249746

Instructions

When to File Form 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 for confidentiality has not yet expired.

When is Form L-1 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 or geothermal wells
- with Form W-3 for plugging of other than a dry hole

Where to File Form L-1:

- with the appropriate Commission district office

Filling out Form 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 log is NOT run on the subject well, do NOT substitute any other type of log; just select Section II, Part A below

SECTION I. IDENTIFICATION

Operator Name: PIONEER NATURAL RES. USA, INC.	District No. 7C	Completion Date: 04/02/2021
Field Name SPRABERRY (TREND AREA)	Drilling Permit No. 861362	
Lease Name UNIVERSITY 10-11C	Lease/ID No. 21299	Well No. 3H
County REAGAN	API No. 42- 383-40858	

SECTION II. LOG STATUS (Complete either A or B)

A. BASIC ELECTRIC LOG NOT RUN

B. BASIC ELECTRIC LOG RUN. (Select one)

- 1. Confidentiality is requested and a copy of the header for each log that has been run on the well is attached.
- 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). _____

DAVID VINCENTI

Signature

PIONEER NATURAL RES. USA, INC.

Name (print)

Regulatory Specialist

Title

(972) 969-3935

Phone

05/18/2021

Date

-FOR RAILROAD COMMISSION USE ONLY-

CERTIFICATE OF COMPLIANCE
 AND TRANSPORTATION AUTHORITY

This facsimile P-4 was generated electronically from data submitted to the RRC.
 A certification of the automated data is available in the RRC's Austin office.

Tracking No.: 249746

1. Field name exactly as shown on proration schedule SPRABERRY (TREND AREA)		2. Lease name as shown on proration schedule UNIVERSITY 10-11C					
3. Current operator name exactly as shown on P-5 Organization Report PIONEER NATURAL RES. USA, INC.		4. Operator P-5 no. 665748	5. Oil Lse/Gas ID no 21299	6. County REAGAN	7. RRC district 7C		
8. Operator address including city, state, and zip code AMBER MCFADDEN PO BOX 3178 MIDLAND, TX 79702		9. Well no(s) (see instruction E) 3H			11. Effective Date 04/02/2021		
		10. Classification <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Gas <input type="checkbox"/> Other (see instruction A)					
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 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 checked="" 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	X	TARGA PL MID-CONT WESTTEX LLC(836041)			0001	100.0	
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	
PLAINS PIPELINE L.P.(667884)						50.0	
PLAINS MARKETING, L.P.(667883)						50.0	
RRC USE ONLY: Reviewer's initials: <u>RRC Staff</u> Approval date: <u>06/04/2021</u>							
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.							
PIONEER NATURAL RES. USA, INC.				DAVID VINCENTI			
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 <u>05/18/2021</u>		Phone with area code <u>(972) 969-3935</u>	
E-mail Address (optional) <u>david.vincenti@pxd.com</u>				Date _____		Phone with area code _____	

GROUNDWATER PROTECTION DETERMINATION

Form GW-2



Groundwater Advisory Unit

Date Issued: 28 January 2020**GAU Number:** 269429

Attention: PIONEER NATURAL RES. USA,
777 HIDDEN RIDGE
IRVING, TX 75038

API Number:
County: REAGAN
Lease Name: University 10-11A

Operator No.: 665748

Lease Number:
Well Number: 1H
Total Vertical Depth: 9864
Latitude: 31.281908
Longitude: -101.546530
Datum: NAD27

Purpose: New Production Well**Location:** Survey-UL; Abstract-U217; Block-10; Section-11

To protect usable-quality groundwater at this location, the Groundwater Advisory Unit of the Railroad Commission of Texas recommends:

The base of usable-quality water-bearing strata is estimated to occur at a depth of 525 feet at the site of the referenced well.

This recommendation is applicable for all wells drilled in this Survey-UL; Block-10; Section-11.

Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. Unless stated otherwise, this recommendation is for normal drilling, production, and plugging operations only.

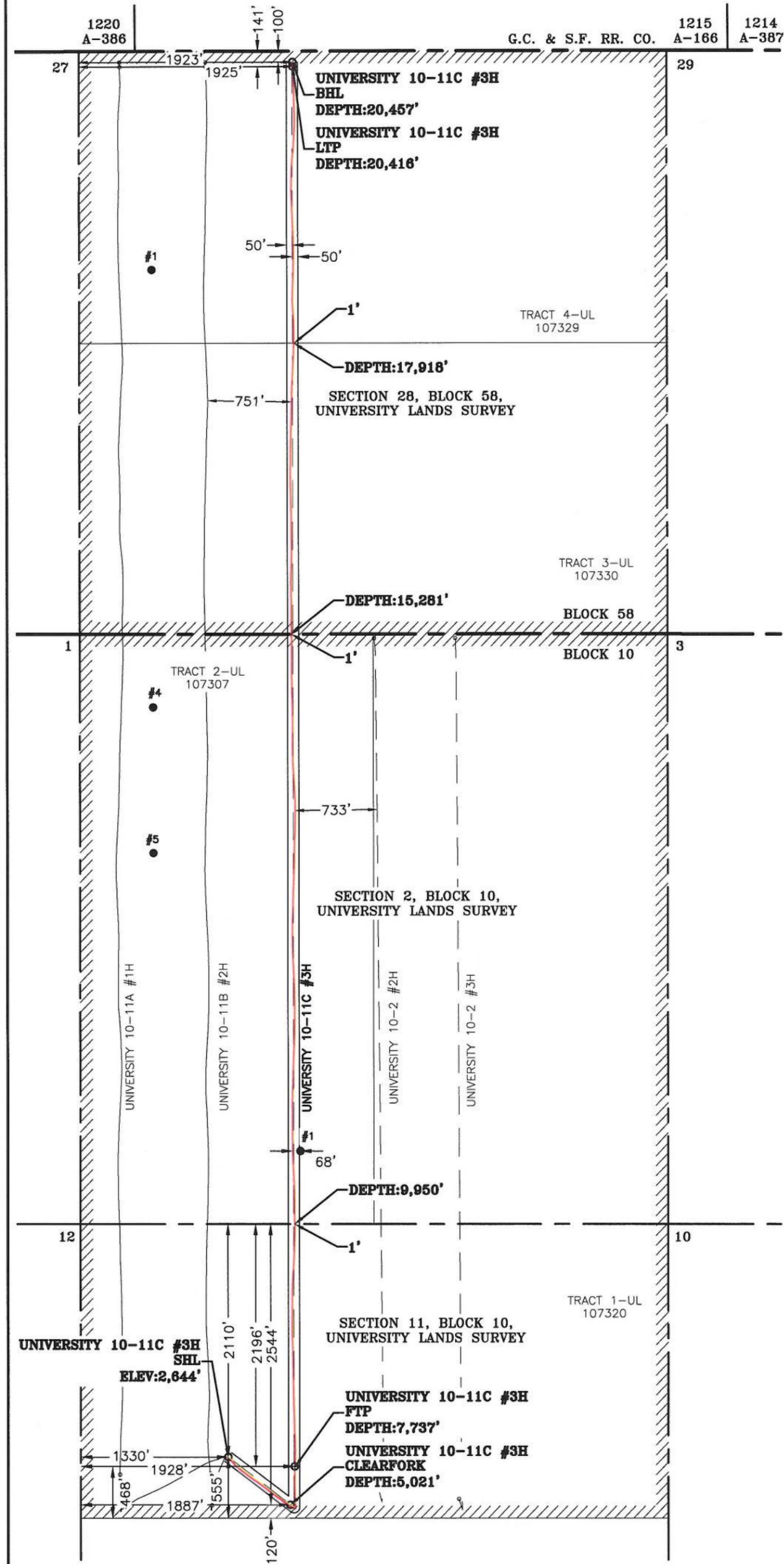
This determination is based on information provided when the application was submitted on 01/28/2020. If the location information has changed, you must contact the Groundwater Advisory Unit, and submit a new application if necessary. If you have questions, please contact us at 512-463-2741 or gau@rrc.texas.gov.

Groundwater Advisory Unit, Oil and Gas Division

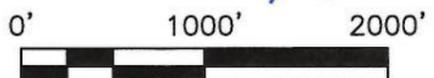
Form GW-2 P.O. Box 12967 Austin, Texas 78771-2967 512-463-2741 Internet address: www.rrc.texas.gov
Rev. 02/2014

UNIVERSITY 10-11C #3H	EASTING (X) (NAD 27)	NORTHING (Y) (NAD 27)	LATITUDE (NAD 27)	LONGITUDE (NAD 27)	SECTION LINE		SECTION LINE		LEASE LINE		LEASE LINE		SECTION
					FOOTAGE	FNL/FSL	FOOTAGE	FEL\FWL	FOOTAGE	FNL/FSL	FOOTAGE	FEL\FWL	
SURFACE HOLE LOCATION (SHL)	1621087.3	589512.8	31.281924	-101.546339	2110'	FNL	1330'	FWL	555'	FSL	1330'	FWL	11
TOP OF CLEARFORK (TOC)	1621635.6	589067.5	31.280716	-101.544568	2544'	FNL	1887'	FWL	120'	FSL	1887'	FWL	11
FIRST TAKE POINT (FTP)	1621683.2	589414.8	31.281673	-101.544428	2196'	FNL	1928'	FWL	468'	FSL	1928'	FWL	11
LAST TAKE POINT (LTP)	1621936.0	602068.8	31.316469	-101.544060	141'	FNL	1925'	FWL	141'	FNL	1925'	FWL	28
BOTTOM HOLE LOCATION (BHL)	1621935.0	602109.6	31.316582	-101.544064	100'	FNL	1923'	FWL	100'	FNL	1923'	FWL	28

UNIVERSITY 10-11C #3H	LENGTH
TRACT 1	2213'
TRACT 2	5331'
TRACT 3	2637'
TRACT 4	2498'
TOTAL PRODUCTIVE LATERAL LENGTH	12679'



Hunter Wade Wills
05/27/2021



SCALE: 1" = 1000'

NOTE: WELL IS LOCATED APPROXIMATELY 8.1 MILES NORTHWEST OF BIG LAKE, REAGAN COUNTY, TEXAS



3300 NORTH A STREET, BUILDING 2, SUITE 120
MIDLAND, TX 79705-5471
TEL (432) 253-3255
TBPELS SURVEYING FIRM #10193998

DATE: 5/27/2021
BY: K. NYRKKANEN
AVO: 039678.448

LEGEND

	SECTION LINE
	BLOCK LINE
	LEASE LINE
	SUBJECT LATERAL
	AS-DRILLED LATERAL
	PERMITTED LATERAL
	PROPOSED LATERAL
	PROPOSED WELL
	EXISTING WELL

NOTES:

- THE BASIS OF BEARING OF THE SURVEY IS THE TEXAS COORDINATE SYSTEM, NORTH AMERICAN DATUM 1927 (NAD 27), CENTRAL ZONE (4203).
- ALL TEXAS STATE PLANE COORDINATES AND GEOGRAPHIC COORDINATES SHOWN HEREON ARE NAD 27 GRID COORDINATES AS COMPUTED BY CORPSCON VERSION 6.0.1. ALL GEOGRAPHIC COORDINATES SHOWN HEREON WERE CONVERTED USING CORPSCON VERSION 6.0.1. UNLESS OTHERWISE NOTED, ALL DISTANCES SHOWN HEREON ARE GRID DISTANCES AND THEY CAN BE CONVERTED TO SURFACE WHEN MULTIPLIED WITH A "SURFACE ADJUSTMENT FACTOR" OF 1.000217337, AS CALCULATED BY CORPSCON.
- ELEVATIONS SHOWN HEREON ARE NAVD88 AS DERIVED BY GPS.
- THIS EXHIBIT IS FOR TEXAS RAILROAD COMMISSION WELL PERMITTING PURPOSES ONLY. BOUNDARY LINES AND ACREAGE SHOWN HEREON REFLECT THE SURVEYORS PROFESSIONAL OPINION OF MINERAL RIGHTS AS DETERMINED FROM CLIENT-PROVIDED OIL AND GAS MINERAL LEASE DOCUMENTATION. THE INFORMATION DEPICTED HEREON SHALL NOT BE USED IN THE CONVEYANCE OF FEE TITLE TO REAL PROPERTY.
- ALL MEASUREMENTS TO LEASE, UNIT, AND SURVEY LINES ARE PERPENDICULAR TO SAID LINES.
- THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT.
- THE AS-DRILLED DATA USED TO DEPICT THE WELL BORE PATH WAS PROVIDED BY OTHERS. NO WARRANTY IS EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE INFORMATION HEREIN.
- PRODUCTIVE LATERAL LENGTH IS DERIVED MATHEMATICALLY FROM SAID AS-DRILLED DATA PROVIDED BY OTHERS.

**PIONEER NATURAL RESOURCES
USA, INC.**

LAND PSA FINAL AS-DRILLED PLAT

UNIVERSITY 10-11C #3H

LOCATED IN:

**SECTION 28, BLOCK 58,
SECTIONS 2 & 11, BLOCK 10,
UNIVERSITY LANDS SURVEY,
REAGAN COUNTY, TEXAS**