



Railroad Commission of Texas

Form W-2

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

Status: Submitted
Date: 06/21/2022
Tracking No.: 272201

OIL WELL POTENTIAL TEST, COMPLETION OR RECOMPLETION REPORT,

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

Well Information			
API	42-003-48472	County:	ANDREWS
Well No.:	7H	RRC District	08
Lease	UNIVERSITY "7-43"	Field	SPRABERRY (TREND AREA)
RRC Lease	40532	Field No.:	85280300
Location	Section: 35, Block: 7, Survey: UL, Abstract: U210		
Latitude		Longitud	
This well is 17 miles in a NE direction from ANDREWS, which is the nearest town in the			

Filing Information			
Purpose of	Well Record Only		
Type of	New Well		
Well Type:	Shut-In Producer	Completion or Recompletion	04/18/2022
Type of Permit	Date	Permit No.	
Permit to Drill, Plug Back, or Rule 37 Exception	09/23/2021	872972	
Fluid Injection			
O&G Waste Disposal			
Other:			

Completion Information			
Spud	10/29/2021	Date of first production after rig	04/18/2022
Date plug back, deepening, drilling operation	10/29/2021	Date plug back, deepening, recompletion, drilling operation	01/19/2022
Number of producing wells on this lease this field (reservoir) including this	42	Distance to nearest well in lease & reservoir	184.0
Total number of acres in	6538.00	Elevation	2995 RKB
Total depth TVD	9171	Total depth MD	19423
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)	21.7 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	10555.0 Feet from the North Line and 2204.0 Feet from the West Line of the UNIVERSITY 7-43 Lease.	Off Lease :	No

Former Field (With Reservoir) & Gas ID or Oil Lease No.			
Field & Reservoir	Gas ID or Oil Lease	Well No.	Prior Service Type
W2:	N/A		

PACKET:	N/A		
FOR NEW DRILL OR RE-ENTRY, SURFACE CASING DEPTH DETERMINED BY:			
GAU Groundwater Protection Determination	Depth	300.0	Date 12/04/2019
SWR 13 Exception	Depth	2050.0	

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											
Ro	Type of Casing	Casing	Hole	Setting	Multi -	Multi -	Cement	Cement	Slurry	Top of	TOC
		Size (in.)	Size	Depth	Stage Tool	Stage Shoe	Class	Amoun	Volume (cu.	Cement (ft.)	Determined By
1	Surface	13 3/8	17 1/2	1907			C	1925	3345.0	0	Circulated to Surface
2	Intermediate	9 5/8	12 1/4	6939	4892		TXI & C	1545	3891.0	0	Calculation
3	Conventional Production	5 1/2	8 1/2	19407			TXI	2471	4211.0	4220	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>
1	2 7/8	8601	
		<u>Packer Depth (ft.)/Type</u>	
		/	

PRODUCING/INJECTION/DISPOSAL INTERVAL			
<u>Ro</u>	<u>Open hole?</u>	<u>From (ft.)</u>	<u>To (ft.)</u>
1	No	L1 9204	19385.0

ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC.			
Was hydraulic fracturing treatment		Yes	
Is well equipped with a downhole sleeve?		If yes, actuation pressure	
No			
Production casing test pressure (PSIG)		Actual maximum pressure (PSIG) during	
hydraulic fracturing	9500	fracturin	9267
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>

FORMATION RECORD					
Formations	Encountere	Depth TVD	Depth MD	Is formation	Remarks
YATES	Yes	3163.6	3171.0	Yes	
SEVEN RIVERS	Yes	3430.5	3440.0	Yes	
QUEEN	Yes	4097.8	4112.0	Yes	
GRAYBURG	Yes	4531.1	4549.0	Yes	
SAN ANDRES - CO2 FLOOD, HIGH FLOWS, H2S, CORROSIVE	Yes	4759.0	4779.0	Yes	
HOLT	No			No	FORMATION DOES NOT EXIST IN THIS AREA
GLORIETA	No			No	FORMATION DOES NOT EXIST IN THIS AREA
CLEARFORK	Yes	6809.5	6845.0	Yes	
TUBB	No			No	FORMATION DOES NOT EXIST IN THIS AREA
PERMIAN DETRITAL	No			No	FORMATION DOES NOT EXIST IN THIS AREA
LEON	No			No	FORMATION DOES NOT EXIST IN THIS AREA
WICHITA ALBANY	No			No	FORMATION DOES NOT EXIST IN THIS AREA
SPRABERRY	Yes	8438.2	8475.0	Yes	
DEAN	No			No	WELL IS NOT DEEP ENOUGH
WOLFCAMP	No			No	WELL IS NOT DEEP ENOUGH
CANYON	No			No	WELL IS NOT DEEP ENOUGH
PENNSYLVANIAN	No			No	WELL IS NOT DEEP ENOUGH
STRAWN	No			No	WELL IS NOT DEEP ENOUGH
DEVONIAN	No			No	WELL IS NOT DEEP ENOUGH
SILURIAN	No			No	WELL IS NOT DEEP ENOUGH
FUSSELMAN	No			No	WELL IS NOT DEEP ENOUGH
MCKEE	No			No	WELL IS NOT DEEP ENOUGH
ELLENBURGER	No			No	WELL IS NOT DEEP ENOUGH
PRECAMBRIAN (UNDIFFERENTIATED)	No			No	WELL IS NOT DEEP ENOUGH
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
NEW WELL. KOP ~ 8619'. DIGITAL WELL LOG #42465 UPLOADED ON 6.21.22. P-16 WILL BE UPLOADED WITH W-2 IP SUBMITTAL.

RRC REMARKS

PUBLIC COMMENTS:

CASING RECORD :

PRODUCTION HOLE CHANGES FROM 8 3/4 TO 8 1/2 @ 9700'.
DV TOOL SET IN INTERMEDIATE HOLE BUT LATER CANCELLED DUE TO SUCCESSFUL FIRST STAGE CEMENT JOB.

TUBING RECORD:

PRODUCING/INJECTION/DISPOSAL INTERVAL :

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

POTENTIAL TEST DATA:

OPERATOR'S CERTIFICATION

Printed	LAURA WALLACE	Title:	Regulatory Specialist
Telephone	(972) 969-1742	Date	06/21/2022

Title:	Regulatory Specialist
Date	06/21/2022

**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: 11/02/2021

Date: 12/09/2021

Well Information

District No: 08

County: ANDREWS

Well No: 7H

API No: 00348472

Drilling Permit No: 872972

Lease Name: UNIVERSITY 7-43

Field Name: SPRABERRY (TREND AREA)

Lease No: N/A

Field No: 85280300

Casing Cementing Data

Type of casing: Surface

Cementing Date : 10/30/2021

Drilled hole size (in.): 17 1/2

Size of casing in O.D.(in): 13 3/8

Depth of drilled hole (ft.): 1930

Hrs. waiting on cement before drill-out: 24

No. of centralizers used : 17

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) outside casing? [Yes]

Setting depth shoe (ft): 1907

Casing weight (lbs/ft) and grade: 54.5 J55

Multiple parallel strings: No

DV tool not opened: No

Slurry

Slurry # 1 * No. of Sacks: 1375 * Class: C * Additives: 4% GEL * Volume (cu. ft.) 2613 * Height (ft.) 3761

Slurry # 2 * No. of Sacks: 550 * Class: C * Additives: NEAT * Volume (cu. ft.) 732 * Height (ft.) 1053

Cementing to Squeeze, Plug Back or Plug and Abandon**Remarks**

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: MARCO FLORES

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: Laura Wallace

Representative's Title: SENIOR STAFF REGULATORY SPECIALIST

Phone Number: (972) 969-1742

**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 75038Address: 300 SCHLUMBERGER DR MD 23 SUGAR LAND TX
77478

Date: 01/21/2022

Date: 01/11/2022

Well Information

District No: 08

County: ANDREWS

Well No: 7H

API No: 00348472

Drilling Permit No: 872972

Lease Name: UNIVERSITY 7-43

Field Name: SPRABERRY (TREND AREA)

Lease No: N/A

Field No: 85280300

Casing Cementing Data

Type of casing: Intermediate

Cementing Date : 01/08/2022

Drilled hole size (in.): 12 1/4

Size of casing in O.D.(in): 9 5/8

Depth of drilled hole (ft.): 6957

Hrs. waiting on cement before drill-out: 12

No. of centralizers used : 40

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)
outside casing? [No]

Setting depth shoe (ft): 6939

Casing weight (lbs/ft) and grade: 40 L80-
IC

Multiple parallel strings: No

DV tool not opened: No

SlurrySlurry # 1 * No. of Sacks: 1284 * Class: txi * Additives: d198d020d042d130d154d208 * Volume (cu. ft.) 3543 * Height (ft.) 5953
Slurry # 2 * No. of Sacks: 261 * Class: c * Additives: neat * Volume (cu. ft.) 348 * Height (ft.) 986**Cementing to Squeeze, Plug Back or Plug and Abandon****Remarks**- DV TOOL SET @ 4892' BUT LATER CANCELLED DUE TO SUCCESSFUL FIRST STAGE CEMENT JOB.
- TOC at surface

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: Andrew Brown
Phone Number: (614) 900-5933

Representative's Title: FS

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: Laura Wallace
Phone Number: (972) 969-1742Representative's Title: SENIOR STAFF 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. Cementer Name: SCHLUMBERGER TECHNOLOGY CORP.

Operator P-5 No: 665748 Cementer P-5 No: 754900
Address: ATTN WELDON PIERSON 777 HIDDEN RIDGE Address: 300 SCHLUMBERGER DR MD 23 SUGAR LAND TX
IRVING TX 75038 77478
Date: 04/27/2022 Date: 01/20/2022

Well Information

District No: 08 County: ANDREWS
Well No: 7H API No: 00348472 Drilling Permit No: 872972
Lease Name: UNIVERSITY 7-43 Field Name: SPRABERRY (TREND AREA)

Lease No: N/A Field No: 85280300

Casing Cementing Data

Type of casing: Production Cementing Date : 01/20/2022
Drilled hole size (in.): 8 1/2
Size of casing in O.D.(in): 5 1/2 Depth of drilled hole (ft.): 19407
Hrs. waiting on cement before drill-out: N/A No. of centralizers used : 77
Est. % wash-out or hole enlargement: 20 Top of liner (ft.): N/A
Calculated top of cement (ft.): 4220 Setting depth liner (ft.) : N/A
Was cement circulated to ground surface (or bottom of cellar) Setting depth shoe (ft): 19407
outside casing? [No] Casing weight (lbs/ft) and grade: 20 P110-IC
Multiple parallel strings: No DV tool not opened: No

Slurry

Slurry # 1 * No. of Sacks: 523 * Class: TXI * Additives: 10% B697 0.15% D208 0.8% D255 0.4% D800 * Volume (cu. ft.) 1172 * Height (ft.) 4248
Slurry # 2 * No. of Sacks: 1948 * Class: TXI * Additives: 01 D065 0.08% D208 0.7% D255 0.4% D800 * Volume (cu. ft.) 3039 * Height (ft.) 10942

Cementing to Squeeze, Plug Back or Plug and Abandon

Remarks

- PRODUCTION HOLE CHANGES FROM 8 3/4 TO 8 1/2 @ 9700'.

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: Jon Smith Representative's Title: Field Engineer
Phone Number: (432) 234-4837

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: Laura Wallace Representative's Title: SENIOR STAFF REGULATORY SPECIALIST
Phone Number: (972) 969-1742

WAYNE CHRISTIAN, CHAIRMAN
CHRISTI CRADDICK, COMMISSIONER
JIM WRIGHT, COMMISSIONER



DANNY SORRELLS
DIRECTOR, OIL AND GAS DIVISION

JEFFERY MORGAN
DISTRICT DIRECTOR

RAILROAD COMMISSION OF TEXAS

OIL AND GAS DIVISION

OPERATOR Name:	PIONEER NATURAL RES. USA, INC.	RE: Lease:	UNIVERSITY 7-43
Address1:	ATTN WELDON PIERSON	Well No:	7H
Address2:	777 HIDDEN RIDGE	Sec:	35
City:	IRVING	Block:	7
State:	TX	County:	ANDREWS
		Survey Name:	UL

SWR13EX Application Number: 101722 **Drilling Permit No:** 872972

SWR 13 CASING EXCEPTION APPLICATION/ALTERNATIVE REQUEST APPROVED

The Proposed Casing and Cementing Program submitted for **LEASE** UNIVERSITY 7-43 ;
WELL 7H has been approved by the Railroad Commission of Texas District Office.

- a. A copy of this approved letter must be kept on location during all phases of drilling and/or plugging operations. Once approved, changes CANNOT be made to the Proposed Casing Program on the original application without additional approval from the Railroad Commission of Texas District Office.
- b. Any substantive modifications to the cement program require prior approval from the Railroad Commission of Texas District Office, and may require re-submission of the SWR 13 (Statewide Rule 13) Alternate Surface Casing Application. Contact the Railroad Commission of Texas District Office for more information.
- c. The tail slurry must be sufficient to fill the Zone of Critical Cement as described in Statewide Rule 13(b)(1)(H)(i). In addition, all cement slurries must be mixed on location as described in Application for Alternate Surface Casing Program.
- d. The casing and cement program shall adhere to the following specifications:
Set 2050 feet of surface casing and circulate cement from the shoe to the ground surface.

IF CEMENT IS NOT CIRCULATED TO THE GROUND SURFACE AS REQUIRED BY THIS EXCEPTION, YOU MUST CONTACT THE RAILROAD COMMISSION OF TEXAS DISTRICT OFFICE IMMEDIATELY AND FOLLOW THE PROCEDURES SET OUT IN RULE 13(b)(1)(H)(iii) OR AS REQUIRED BY THE RAILROAD COMMISSION OF TEXAS DISTRICT OFFICE.

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 10/01/2021 .
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: Jean Noel Rapono Antchoue

DATE: 10/05/2021

JEFFERY MORGAN

DISTRICT DIRECTOR

Tracking No.: 272201

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. 08	Completion Date: 04/18/2022
Field Name SPRABERRY (TREND AREA)	Drilling Permit No. 872972	
Lease Name UNIVERSITY "7-43"	Lease/ID No. 40532	Well No. 7H
County ANDREWS	API No. 42- 003-48472	

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). _____

LAURA WALLACE

Signature

PIONEER NATURAL RES. USA, INC.

Name (print)

Regulatory Specialist

Title

(972) 969-1742

Phone

06/21/2022

Date

-FOR RAILROAD COMMISSION USE ONLY-

**GROUNDWATER PROTECTION DETERMINATION**

Form GW-2

Groundwater Advisory Unit

Date Issued:	04 December 2019	GAU Number:	266145
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Attention:	PIONEER NATURAL RES. USA, ATTN WELDON PIERSON IRVING, TX 75039	API Number:	00341996
Operator No.:	665748	County:	ANDREWS
		Lease Name:	University 7-43
		Lease Number:	40532
		Well Number:	8
		Total Vertical Depth:	11492
		Latitude:	32.364224
		Longitude:	-102.262403
		Datum:	NAD27

Purpose:	Plug and Abandon (P&A)
Location:	Survey-UL; Abstract-U210; Block-7; Section-35

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

Water-bearing strata from the land surface to a depth of 300 feet and the zone, which is estimated to occur from 1350 to 1750 feet must be protected.

This recommendation is applicable for all wells drilled in this Survey-UL; Block-7; Section-35.

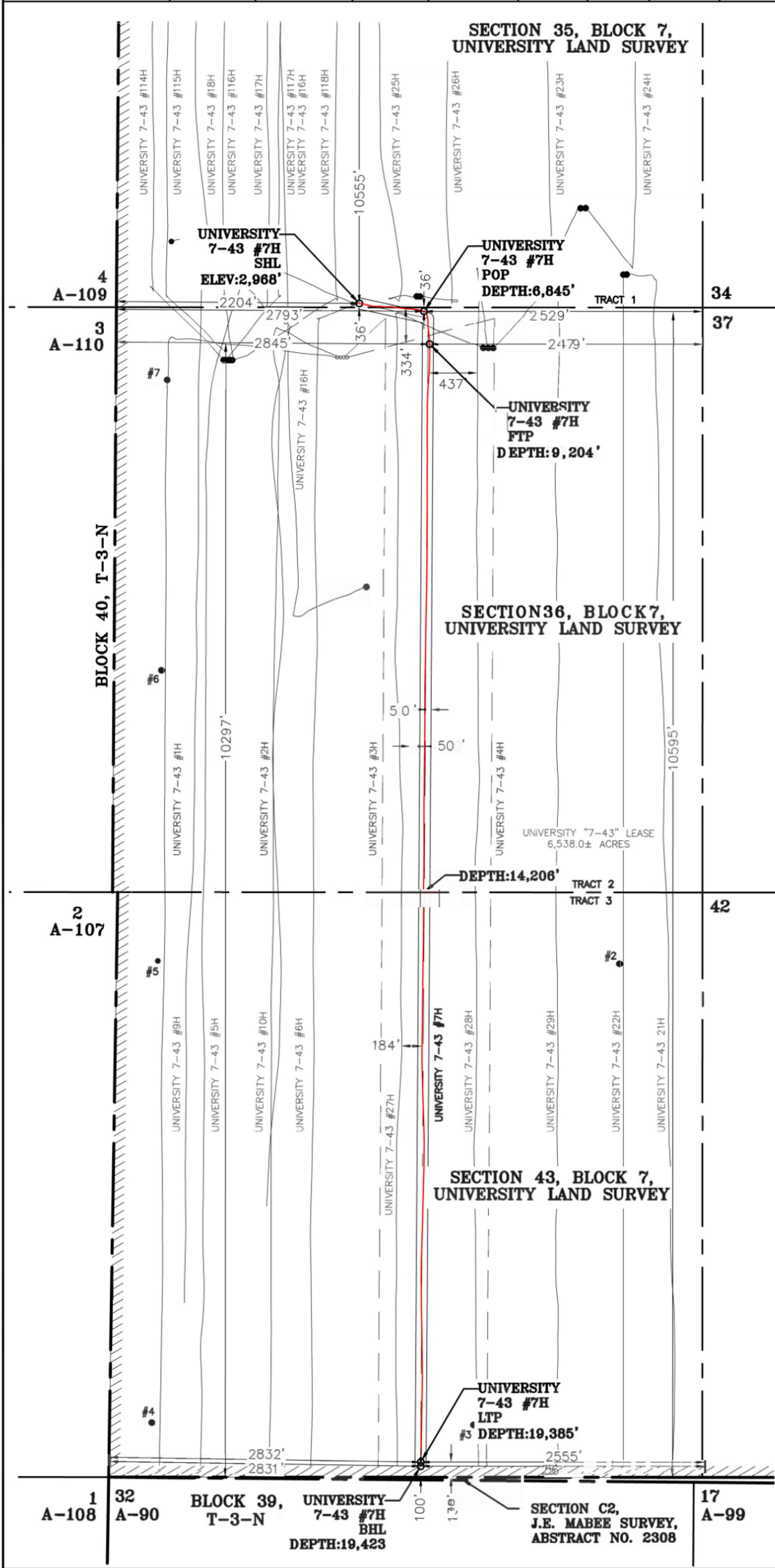
Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. Unless stated otherwise, this recommendation is for normal drilling, production, and plugging operations only.

This determination is based on information provided when the application was submitted on 11/27/2019. 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

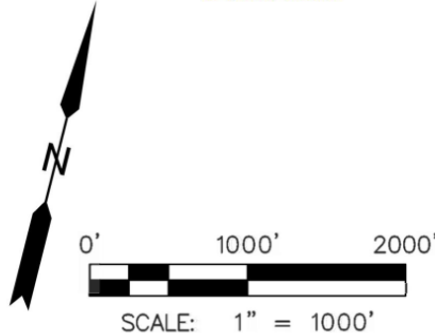
UNIVERSITY 7-43 #7H	EASTING (X) (NAD 27)	NORTHING (Y) (NAD 27)	LATITUDE (NAD 27)	LONGITUDE (NAD 27)	SECTION LINE		SECTION LINE		LEASE LINE		LEASE LINE		SECTION
					FOOTAGE	FNL/FSL	FOOTAGE	FEL\FWL	FOOTAGE	FNL/FSL	FOOTAGE	FEL\FWL	
SURFACE HOLE LOCATION (SHL)	1405443.6	981946.8	32.352235	-102.258300	36'	FSL	2204'	FWL	10555'	FNL	2204'	FWL	35
POINT OF PENETRATION (POP)	1406031.3	982019.9	32.352464	-102.256402	36'	FNL	2529'	FEL	10595'	FSL	2793'	FWL	36
FIRST TAKE POINT (FTP)	1406152.9	981743.8	32.351711	-102.255993	334'	FNL	2479'	FEL	10297'	FSL	2845'	FWL	36
LAST TAKE POINT (LTP)	1408555.2	971872.4	32.324700	-102.247667	138'	FSL	2555'	FEL	138'	FSL	2832'	FWL	43
BOTTOM HOLE LOCATION (BHL)	1408563.5	971835.4	32.324599	-102.247638	100'	FSL	2556'	FEL	100'	FSL	2831'	FWL	43



UNIVERSITY 7-43 #7H	LENGTH
Tract 3	5179
Tract 2	5002
TOTAL PRODUCTIVE LATERAL LENGTH	10181'



Hunter Wade Wills
04/28/2022



NOTE: WELL IS LOCATED APPROXIMATELY 17 MILES NORTHEAST OF ANDREWS, ANDREWS COUNTY, TEXAS

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

DATE: 4/27/2022
BY: R. CABELLO
AV: 0:39678.805

LEGEND

- SECTION LINE
- BLOCK/TOWNSHIP 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 1.000188348, 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.

PIONEER NATURAL RESOURCES USA, INC.

FINAL AS-DRILLED

UNIVERSITY 7-43 #7H

UNIVERSITY "7-43" LEASE - 6,538.0± ACRES
TOTAL TRACT: 6,538.0± ACRES
(SURFACE AREA)

LOCATED IN:
SECTION 35, SECTION 36 & SECTION 43,
BLOCK 7, UNIVERSITY LAND SURVEY,
ANDREWS COUNTY, TEXAS