



Railroad Commission of Texas

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

Status: Approved
Date: 01/12/2022
Tracking No.: 260346

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	42-383-40906	County:	REAGAN
Well No.:	4H	RRC District	7C
Lease	UNIVERSITY W2-34D	Field	SPRABERRY (TREND AREA)
RRC Lease	21291	Field No.:	85279200
Location	Section: 34, Block: 2, Survey: UL, Abstract: U70		
Latitude		Longitud	
This well is 11.9 miles in a SW direction from STILES, which is the nearest town in the			

Filing Information			
Purpose of	Initial Potential		
Type of	Other/Recompletion		
Well Type:	Producing	Completion or Recompletion	08/20/2021
Type of Permit	Date	Permit No.	
Permit to Drill, Plug Back, or Rule 37 Exception	09/17/2020	864665	
Fluid Injection			
O&G Waste Disposal			
Other:			

Completion Information			
Spud	11/19/2020	Date of first production after rig	08/20/2021
Date plug back, deepening, drilling operation	05/11/2021	Date plug back, deepening, recompletion, drilling operation	07/31/2021
Number of producing wells on this lease this field (reservoir) including this	13	Distance to nearest well in lease & reservoir	1.0
Total number of acres in	951.80	Elevation	2670 RKB
Total depth TVD	8849	Total depth MD	18814
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)	40.5 Yes
Recompletion or	Yes	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	918.0 Feet from the 1702.0 Feet from the	Off Lease :	Yes
		West Line and South Line of the	
		UNIVERSITY W2-34D Lease.	

Former Field (With Reservoir) & Gas ID or Oil Lease No.			
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	475.0	Date 09/05/2019
SWR 13 Exception	Depth	1140.0	

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION			
Date of	08/22/2021	Production	Gas Lift
Number of hours	24	Choke	
Was swab used during this	No	Oil produced prior to	1660.00
PRODUCTION DURING TEST PERIOD:			
Oil	1096.00	Gas	890
Gas - Oil	812	Flowing Tubing	
Water	4568		
CALCULATED 24-HOUR RATE			
Oil	1096.0	Gas	890
Oil Gravity - API - 60.:	41.2	Casing	
Water	4568		

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	1084			C	1100	1891.0	0	Circulated to Surface
2	Intermediate	9 5/8	12 1/4	8160			C & TXI	1897	3829.3	0	Circulated to Surface
3	Conventional Production	5 1/2	8 1/2	18796			TXI	3096	4301.0	3278	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	8689	
			<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 9051	18772.0

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	9018
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
GRAYBURG	Yes	3244.0	3273.0	Yes	
QUEEN	Yes	2912.0	2936.0	Yes	
SAN ANDRES - SALTWATER FLOW, POSSIBLY HEAVY CLEARFORK	Yes	3440.0	3471.0	Yes	
SPRABERRY	Yes	5546.0	5603.0	Yes	
STRAWN	No			No	DID NOT ENCOUNTER, WELL IS NOT DEEP ENOUGH
FUSSELMAN	No			No	DID NOT ENCOUNTER, WELL IS NOT DEEP ENOUGH
ELLENBURGER	No			No	DID NOT ENCOUNTER, 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
KOP 8265'

RRC REMARKS
<p>PUBLIC COMMENTS:</p> <p>[RRC Staff 2022-01-10 12:45:01.329] EDL=9700 feet, max acres=640, SPRABERRY (TREND AREA) oil well;</p> <p>take points: 9051-18772 feet</p> <p>CASING RECORD :</p> <p>TUBING RECORD:</p> <p>PRODUCING/INJECTION/DISPOSAL INTERVAL :</p> <p>ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC. :</p> <p>POTENTIAL TEST DATA:</p>



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: 11/23/2020
Date: 04/21/2021

Well Information

District No: 7C County: REAGAN
Well No: 4H API No: 38340906 Drilling Permit No: 864665
Lease Name: UNIVERSITY W2-34D Field Name: SPRABERRY (TREND AREA)

Lease No: N/A Field No: 85279200

Casing Cementing Data

Type of casing: Surface Cementing Date : 11/20/2020
Drilled hole size (in.): 17 1/2
Size of casing in O.D.(in): 13 3/8 Depth of drilled hole (ft.): 1104
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): 1084
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

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: 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 Address: 300 SCHLUMBERGER DR MD 23 SUGAR LAND TX
IRVING TX 75038 77478
Date: 12/21/2021 Date: 05/01/2021

Well Information

District No: 7C County: GLASSCOCK
Well No: 4H API No: 38340906 Drilling Permit No: 864665
Lease Name: UNIVERSITY W2-34D Field Name: SPRABERRY (TREND AREA)

Lease No: N/A Field No: 85279200

Casing Cementing Data

Type of casing: Intermediate Cementing Date : 05/01/2021
Drilled hole size (in.): 12 1/4
Size of casing in O.D.(in): 9 5/8 Depth of drilled hole (ft.): 8175
Hrs. waiting on cement before drill-out: 12 No. of centralizers used : 50
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): 8160
outside casing? [Yes] Casing weight (lbs/ft) and grade: 40 L80
Multiple parallel strings: No DV tool not opened: No

Slurry

Slurry # 1 * No. of Sacks: 261 * Class: c * Additives: d903d177 * Volume (cu. ft.) 219 * Height (ft.) 580
Slurry # 2 * No. of Sacks: 1636 * Class: txi * Additives: d013d020d029d042d154d208d049 * Volume (cu. ft.) 3610.3 * Height (ft.) 7666

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: Charles Abernathy Representative's Title: fs
Phone Number: (580) 480-5532

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: April Maxey Representative's Title: Regulatory Specialist II
Phone Number: (972) 969-1741



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: 12/21/2021 Date: 05/10/2021

Well Information

District No: 7C County: GLASSCOCK
Well No: 4H API No: 38340906 Drilling Permit No: 864665
Lease Name: UNIVERSITY W2-34D Field Name: SPRABERRY (TREND AREA)

Lease No: N/A Field No: 85279200

Casing Cementing Data

Type of casing: Production Cementing Date : 05/10/2021
Drilled hole size (in.): 8 1/2
Size of casing in O.D.(in): 5 1/2 Depth of drilled hole (ft.): 18814
Hrs. waiting on cement before drill-out: 12 No. of centralizers used : 82
Est. % wash-out or hole enlargement: 20 Top of liner (ft.): N/A
Calculated top of cement (ft.): 3278 Setting depth liner (ft.) : N/A
Was cement circulated to ground surface (or bottom of cellar) Setting depth shoe (ft): 18796
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: 3096 * Class: TXI * Additives: Remarks * Volume (cu. ft.) 4301 * Height (ft.) 2893

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: lee perry Representative's Title: fs2
Phone Number: (661) 444-9686

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: April Maxey Representative's Title: Regulatory Specialist II
Phone Number: (972) 969-1741

WAYNE CHRISTIAN, CHAIRMAN
CHRISTI CRADDICK, COMMISSIONER
RYAN SITTON, COMMISSIONER



DANNY SORRELLS
DIRECTOR, OIL AND GAS DIVISION
BILL SPRAGGINS
DISTRICT DIRECTOR

RAILROAD COMMISSION OF TEXAS OIL AND GAS

OPERATOR	PIONEER NATURAL RES. USA, INC.	RE Lease:	UNIVERSITY W2-34D
Address1:	ATTN WELDON PIERSON	Well No:	4H
Address2:	777 HIDDEN RIDGE	Sec:	34
City:	IRVING	Block	2
State:	TX	County:	REAGAN
		Survey Name:	UL

SWR13EX Application 88854 **Drilling Permit** 864665

SWR 13 CASING EXCEPTION APPLICATION/ALTERNATIVE REQUEST

The Proposed Casing and Cementing Program submitted for **LEASE** UNIVERSITY W2-34D ;
WELL 4H has been approved by the Railroad Commission of Texas District Office.

- 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.
- 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.
- 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.
- The casing and cement program shall adhere to the following specifications:
Set 1140 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 09/21/2020 .
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: 09/21/2020

BILL SPRAGGINS

DISTRICT DIRECTOR

Tracking No.: 260346

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

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. 7CCompletion
Date: 08/20/2021Field
Name SPRABERRY (TREND AREA)Drilling Permit
No. 864665Lease
Name UNIVERSITY W2-34DLease/ID
No. 21291Well
No. 4HCounty
REAGANAPI
No. 42- 383-40906

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). _____

April Maxey

Signature

PIONEER NATURAL RES. USA, INC.

Name (print)

Regulatory Specialist III

Title

(972) 969-1741

Phone

12/21/2021

Date

-FOR RAILROAD COMMISSION USE ONLY-

Form P-16

Page 1
Rev. 09/2019

12/20/21

Date: mo. day yr.

Form P-16

Page 2
Rev. 09/2019

Filer is the owner or lessee of all or an undivided portion of the minerals under each tract listed below and has the legal right to drill on each tract traversed by the well that will have perforations or other take points open in the interval of the applied-for field(s). All tracts listed will actually be traversed by the wellbore or the filer has pooling authority or other contractual authority, such as a production sharing agreement, authorizing inclusion of the non-drill site tract in the acreage assigned to the well.

RRC ID No., Lease No. or Tract ID		Lease Name	Beginning Lease Acres	Allocated Lease Acres	Ending Lease Acres	Operator Name and Operator No. (if different from filing operator)
A	TRACT 1	TRACT 1	297.000	22.840	274.160	
B	TRACT 2	TRACT 2	162.400	23.200	139.200	
C	TRACT 4	TRACT 4	162.400	23.200	139.200	
D	TRACT 6	TRACT 6	330.000	25.380	304.620	
E						
F						
G						
H						
Total Acreage =			951.800	94.620	857.180	

[illegible]

* A revised P-16 is required if increasing the proration acreage on an existing Allocation or PSA well utilizing acreage from a regulatory lease or undeveloped tract not listed in Section V.
(refer to instructions)

GROUNDWATER PROTECTION DETERMINATION

Form GW-2



Groundwater Advisory Unit

Date Issued: 09 June 2021**GAU Number:** 307854**Attention:** PIONEER NATURAL RES. USA,
ATTN WELDON PIERSON
IRVING, TX 75038**Operator No.:** 665748**API Number:** 38337804
County: REAGAN
Lease Name: UNIVERSITY 2-34
Lease Number: 17712
Well Number: 1
Total Vertical 10339
Latitude: 31.298540
Longitude: -101.718849
Datum: NAD27**Purpose:** Plug and Abandon (P&A)**Location:** Survey-UL; Block-2; Section-34

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 475 feet at the site of the referenced well.

This recommendation is applicable for all wells drilled in this section 34 (A-U70).

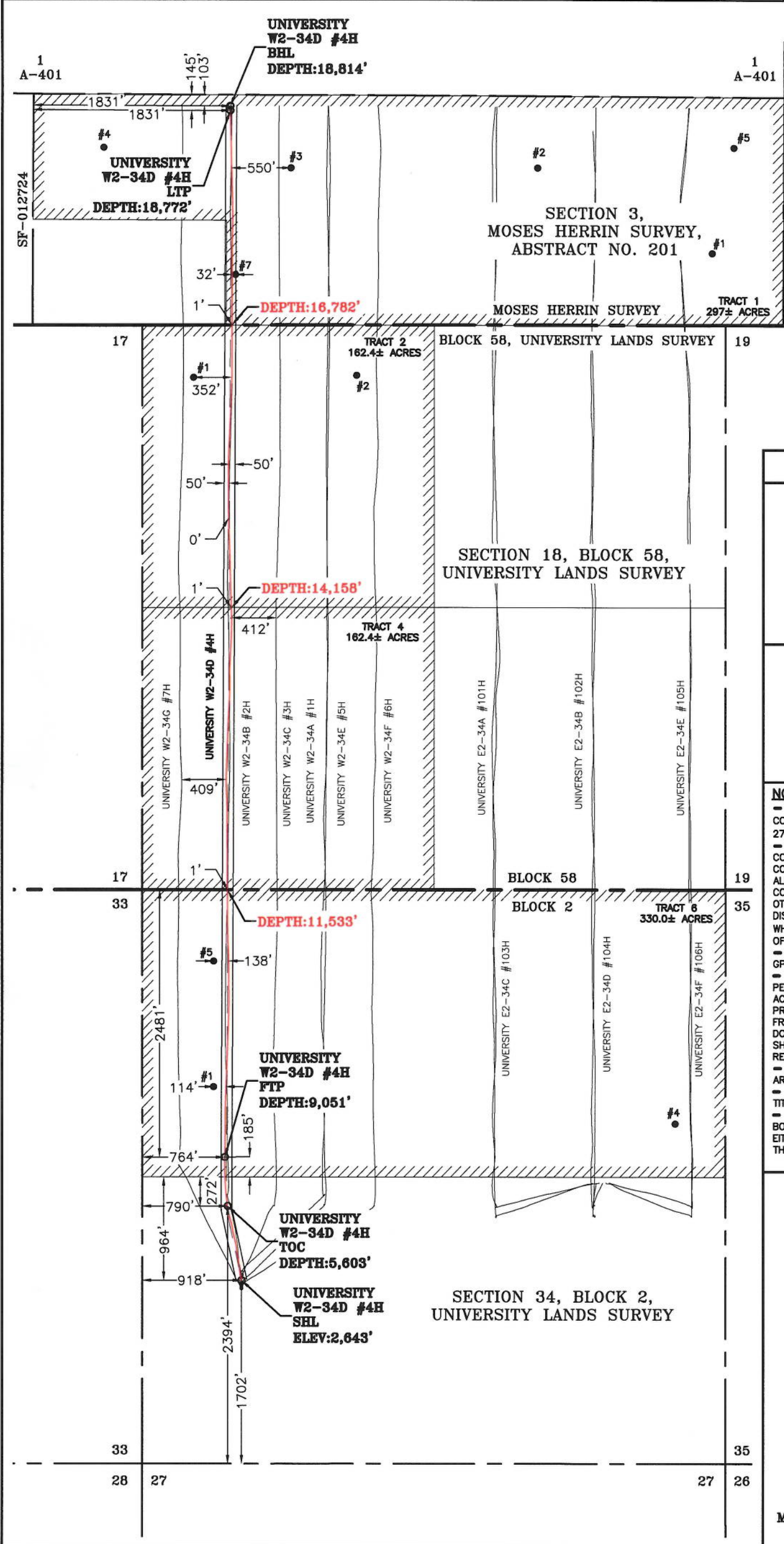
Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. Unless stated otherwise, this recommendation is for normal drilling, production, and plugging operations only.

This determination is based on information provided when the application was submitted on 06/09/2021. 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.

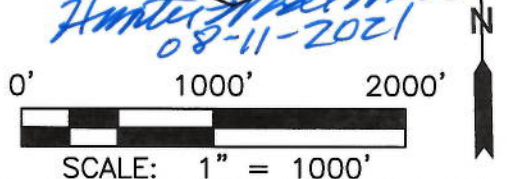
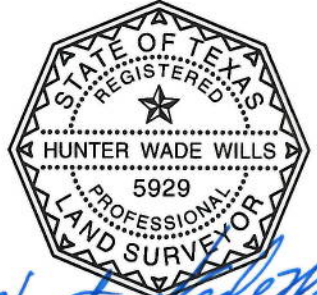
Groundwater Advisory Unit, Oil and Gas Division

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

UNIVERSITY W2-34D #4H	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)	1567598.9	594410.1	31.293671	-101.717749	1702'	FSL	918'	FWL	964'	FNL	918'	FWL	34
TOP OF CLEARFORK (TOC)	1567484.9	595104.6	31.295576	-101.718141	2394'	FSL	790'	FWL	272'	FNL	790'	FWL	34
FIRST TAKE POINT (FTP)	1567468.6	595561.9	31.296833	-101.718212	2481'	FNL	764'	FWL	185'	FSL	764'	FWL	34
LAST TAKE POINT (LTP)	1567713.8	605275.5	31.323546	-101.717814	145'	FNL	1831'	FWL	145'	FNL	1831'	FWL	3
BOTTOM HOLE LOCATION (BHL)	1567714.0	605317.5	31.323662	-101.717815	103'	FNL	1831'	FWL	103'	FNL	1831'	FWL	3



UNIVERSITY W2-34D #4H	LENGTH
TRACT 6	2482'
TRACT 4	2625'
TRACT 2	2624'
TRACT 1	1990'
TOTAL PRODUCTIVE LATERAL LENGTH	9721'



NOTE: WELL IS LOCATED APPROXIMATELY 11.9 MILES
SOUTHWEST OF STILES, REAGAN COUNTY, TEXAS



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

DATE: 8/10/2021
BY: K. NYRKKANEN
AVO: 039678.457

- 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 1.000207698, 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 PLAT

UNIVERSITY W2-34D #4H

TRACT 6 - 330.0± ACRES
TRACT 4 - 162.4± ACRES
TRACT 2 - 162.4± ACRES
TRACT 1 - 297± ACRES

**TOTAL TRACT: 951.8± ACRES
(SURFACE AREA)**

LOCATED IN:
SECTION 34, BLOCK 2,
UNIVERSITY LANDS SURVEY,
SECTION 18, BLOCK 58,
UNIVERSITY LANDS SURVEY,
&

SECTION 3,
MOSES HERRIN SURVEY, ABSTRACT NO. 201,
REAGAN COUNTY, TEXAS