

API No. <u>42-383-41034</u> Drilling Permit # <u>871656</u> SWR Exception Case/Docket No. _____		<b>RAILROAD COMMISSION OF TEXAS</b> <b>OIL &amp; GAS DIVISION</b> <b>APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER</b> <i>This facsimile W-1 was generated electronically from data submitted to the RRC.</i> <i>A certification of the automated data is available in the RRC's Austin office.</i>				<b>FORM W-1</b> 07/2004 Permit Status: <b>Approved</b>	
1. RRC Operator No. <b>665748</b>		2. Operator's Name (as shown on form P-5, Organization Report) <b>PIONEER NATURAL RES. USA, INC.</b>		3. Operator Address (include street, city, state, zip): <b>AMBER MCFADDEN</b> <b>PO BOX 3178</b> <b>MIDLAND, TX 79702-0000</b>			
4. Lease Name <b>UNIVERSITY 1-32</b>		5. Well No. <b>24H</b>					
<b>GENERAL INFORMATION</b>							
6. Purpose of filing (mark ALL appropriate boxes): <input checked="" type="checkbox"/> New Drill <input type="checkbox"/> Recompletion <input type="checkbox"/> Reclass <input type="checkbox"/> Field Transfer <input type="checkbox"/> Re-Enter <input type="checkbox"/> Amended <input type="checkbox"/> Amended as Drilled (BHL) (Also File Form W-1D)							
7. Wellbore Profile (mark ALL appropriate boxes): <input type="checkbox"/> Vertical <input checked="" type="checkbox"/> Horizontal (Also File Form W-1H) <input type="checkbox"/> Directional (Also File Form W-1D) <input type="checkbox"/> Sidetrack							
8. Total Depth <b>9466</b>		9. Do you have the right to develop the minerals under any right-of-way ? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		10. Is this well subject to Statewide Rule 36 (hydrogen sulfide area)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
<b>SURFACE LOCATION AND ACREAGE INFORMATION</b>							
11. RRC District No. <b>7C</b>		12. County <b>REAGAN</b>		13. Surface Location <input checked="" type="checkbox"/> Land <input type="checkbox"/> Bay/Estuary <input type="checkbox"/> Inland Waterway <input type="checkbox"/> Offshore			
14. This well is to be located <u>17.1</u> miles in a <u>W</u> direction from <u>Big Lake</u> which is the nearest town in the county of the well site.							
15. Section <b>32</b>		16. Block <b>1</b>		17. Survey <b>UL</b>		18. Abstract No. <b>A-U32</b>	
				19. Distance to nearest lease line: _____ ft.		20. Number of contiguous acres in lease, pooled unit, or unitized tract: <b>5741.8</b>	
21. Lease Perpendiculars: <u>298</u> ft from the <u>N</u> line and <u>2686</u> ft from the <u>E</u> line.							
22. Survey Perpendiculars: <u>298</u> ft from the <u>N</u> line and <u>2686</u> ft from the <u>E</u> line.							
23. Is this a pooled unit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		24. Unitization Docket No: _____		25. Are you applying for Substandard Acreage Field? <input type="checkbox"/> Yes (attach Form W-1A) <input checked="" type="checkbox"/> No			
<b>FIELD INFORMATION</b> List all fields of anticipated completion including Wildcat. List one zone per line.							
26. RRC District No.	27. Field No.	28. Field Name (exactly as shown in RRC records)		29. Well Type	30. Completion Depth	31. Distance to Nearest Well in this Reservoir	
7C	85279200	SPRABERRY (TREND AREA)		Oil or Gas Well	9466	518.00	
<b>BOTTOMHOLE LOCATION INFORMATION</b> is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)							
<b>Remarks</b> [RRC STAFF Aug 3, 2021 10:29 AM]: Per April Maxey, "This is not a pooled unit. Our land department requested those tracts be listed because University Lands requires it."; [RRC STAFF Aug 3, 2021 10:31 AM]: Corrected Distance to Nearest Well to reflect plat. Previous value 730, corrected to 518.				<b>Certificate:</b> I certify that information stated in this application is true and complete, to the best of my knowledge.  <div style="display: flex; justify-content: space-between;"> <div> <u>April Maxey, Regulatory Specialist II</u>            Name of filer         </div> <div> <u>Aug 02, 2021</u>            Date submitted         </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> <u>(972)969-1741</u>            Phone         </div> <div> <u>April.maxey@pxd.com</u>            E-mail Address (OPTIONAL)         </div> </div>			
<b>RRC Use Only</b>							
Data Validation Time Stamp: Aug 3, 2021 3:50 PM( Current Version )							

Permit Status: <b>Approved</b>  <i>The RRC has not approved this application. Duplication or distribution of information is at the user's own risk.</i>
---

**RAILROAD COMMISSION OF TEXAS  
OIL & GAS DIVISION**

**APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER**

*This facsimile W-1 was generated electronically from data submitted to the RRC.  
A certification of the automated data is available in the RRC's Austin office.*

Permit #	871656
Approved Date:	Aug 03, 2021

1. RRC Operator No. <b>665748</b>	2. Operator's Name (exactly as shown on form P-5, Organization Report) <b>PIONEER NATURAL RES. USA, INC.</b>	3. Lease Name <b>UNIVERSITY 1-32</b>	4. Well No. <b>24H</b>
<b>Lateral Drainhole Location Information</b>			
5. Field as shown on Form W-1 <b>SPRABERRY (TREND AREA) (Field # 85279200, RRC District 7C)</b>			
6. Section <b>29</b>	7. Block <b>1</b>	8. Survey <b>UL / A-U29</b>	9. Abstract
		10. County of BHL <b>REAGAN</b>	
11. Terminus Lease Line Perpendiculars <b>5395</b> ft. from the <b>S</b> line. and <b>1768</b> ft. from the <b>E</b> line			
12. Terminus Survey Line Perpendiculars <b>100</b> ft. from the <b>S</b> line. and <b>1768</b> ft. from the <b>E</b> line			
13. Penetration Point Lease Line Perpendiculars <b>100</b> ft. from the <b>N</b> line. and <b>1768</b> ft. from the <b>E</b> line			

**RAILROAD COMMISSION OF TEXAS**  
**OIL & GAS DIVISION**

PERMIT TO DRILL, DEEPEN, PLUG BACK, OR RE-ENTER ON A REGULAR OR ADMINISTRATIVE EXCEPTION LOCATION

PERMIT NUMBER <div style="text-align: right;"><b>871656</b></div>	DATE PERMIT ISSUED OR AMENDED <div style="text-align: center;"><b>Aug 03, 2021</b></div>	DISTRICT <div style="text-align: center;"><b>* 7C</b></div>			
API NUMBER <div style="text-align: right;"><b>42-383-41034</b></div>	FORM W-1 RECEIVED <div style="text-align: center;"><b>Aug 02, 2021</b></div>	COUNTY <div style="text-align: center;"><b>REAGAN</b></div>			
TYPE OF OPERATION <div style="text-align: center;"><b>NEW DRILL</b></div>	WELLBORE PROFILE(S) <div style="text-align: center;"><b>Horizontal</b></div>	ACRES <div style="text-align: center;"><b>5741.8</b></div>			
OPERATOR <div style="text-align: right;"><b>665748</b></div> <div style="text-align: center;"><b>PIONEER NATURAL RES. USA, INC.</b></div> <div style="text-align: center;"> <b>AMBER MCFADDEN</b>  <b>PO BOX 3178</b>  <b>MIDLAND, TX 79702-0000</b> </div>		NOTICE This permit and any allowable assigned may be revoked if payment for fee(s) submitted to the Commission is not honored. <b>District Office Telephone No:</b> <div style="text-align: center;"><b>(325) 657-7450</b></div>			
LEASE NAME <div style="text-align: center;"><b>UNIVERSITY 1-32</b></div>		WELL NUMBER <div style="text-align: center;"><b>24H</b></div>			
LOCATION <div style="text-align: center;"><b>17.1 miles W direction from BIG LAKE</b></div>		TOTAL DEPTH <div style="text-align: center;"><b>9466</b></div>			
Section, Block and/or Survey <div style="display: flex; justify-content: space-between;"> <div>SECTION <b>◀ 32</b></div> <div>BLOCK <b>◀ 1</b></div> <div>ABSTRACT <b>◀ U32</b></div> </div> <div style="display: flex; justify-content: space-between;"> <div>SURVEY <b>◀ UL</b></div> <div></div> <div></div> </div>					
DISTANCE TO SURVEY LINES <div style="text-align: center;"><b>298 ft. N    2686 ft. E</b></div>		DISTANCE TO NEAREST LEASE LINE <div style="text-align: center;"><b>ft.</b></div>			
DISTANCE TO LEASE LINES <div style="text-align: center;"><b>298 ft. N    2686 ft. E</b></div>		DISTANCE TO NEAREST WELL ON LEASE <div style="text-align: center;"><b>See FIELD(s) Below</b></div>			
FIELD(s) and LIMITATIONS: <div style="text-align: center;"><b>* SEE FIELD DISTRICT FOR REPORTING PURPOSES *</b></div>					
FIELD NAME LEASE NAME		ACRES NEAREST LEASE	DEPTH NEAREST LEASE	WELL # NEAREST WE	DIST
----- <b>SPRABERRY (TREND AREA)</b> <div style="text-align: center;"><b>UNIVERSITY 1-32</b></div> -----		<div style="text-align: center;"><b>5741.80</b></div>	<div style="text-align: center;"><b>9,466</b></div>	<div style="text-align: center;"><b>24H</b></div> <div style="text-align: center;"><b>518</b></div>	<div style="text-align: center;"><b>7C</b></div>
----- WELLBORE PROFILE(s) FOR FIELD: <b>Horizontal</b> -----					
RESTRICTIONS:    Lateral: TH1 Penetration Point Location <div style="display: flex; justify-content: space-between;"> <div>Lease Lines:</div> <div>100.0 F N L</div> <div>1768.0 F E L</div> </div> <div style="display: flex; justify-content: space-between;"> <div>Terminus Location</div> <div></div> <div></div> </div> <div style="display: flex; justify-content: space-between;"> <div>BH County: REAGAN</div> <div>Section: 29</div> <div>Block: 1</div> <div>Abstract:</div> </div> <div style="display: flex; justify-content: space-between;"> <div>Survey: UL / A-U29</div> <div></div> <div></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Lease Lines:</div> <div>5395.0 F S L</div> <div>1768.0 F E L</div> </div> <div style="display: flex; justify-content: space-between;"> <div>Survey Lines:</div> <div>100.0 F S L</div> <div>1768.0 F E L</div> </div>					
<b>THE FOLLOWING RESTRICTIONS APPLY TO ALL FIELDS</b>					
This well shall be completed and produced in compliance with applicable special field or statewide spacing and density rules. If this well is to be used for brine mining, underground storage of liquid hydrocarbons in salt formations, or underground storage of gas in salt formations, a permit for that specific purpose must be obtained from Environmental Services prior to construction, including drilling, of the well in accordance with Statewide Rules 81, 95, and 97.					

**RAILROAD COMMISSION OF TEXAS**  
**OIL & GAS DIVISION**

PERMIT TO DRILL, DEEPEN, PLUG BACK, OR RE-ENTER ON A REGULAR OR ADMINISTRATIVE EXCEPTION LOCATION

PERMIT NUMBER <div style="text-align: right;"><b>871656</b></div>	DATE PERMIT ISSUED OR AMENDED <div style="text-align: center;"><b>Aug 03, 2021</b></div>	DISTRICT <div style="text-align: center;"><b>* 7C</b></div>
API NUMBER <div style="text-align: right;"><b>42-383-41034</b></div>	FORM W-1 RECEIVED <div style="text-align: center;"><b>Aug 02, 2021</b></div>	COUNTY <div style="text-align: center;"><b>REAGAN</b></div>
TYPE OF OPERATION <div style="text-align: center;"><b>NEW DRILL</b></div>	WELLBORE PROFILE(S) <div style="text-align: center;"><b>Horizontal</b></div>	ACRES <div style="text-align: center;"><b>5741.8</b></div>
OPERATOR <div style="text-align: right;"><b>665748</b></div> <div style="text-align: center;"><b>PIONEER NATURAL RES. USA, INC.</b></div> <div style="text-align: center;"> <b>AMBER MCFADDEN</b>  <b>PO BOX 3178</b>  <b>MIDLAND, TX 79702-0000</b> </div>		NOTICE This permit and any allowable assigned may be revoked if payment for fee(s) submitted to the Commission is not honored. <div style="text-align: center;"><b>District Office Telephone No:</b></div> <div style="text-align: center;"><b>(325) 657-7450</b></div>
LEASE NAME <div style="text-align: center;"><b>UNIVERSITY 1-32</b></div>		WELL NUMBER <div style="text-align: center;"><b>24H</b></div>
LOCATION <div style="text-align: center;"><b>17.1 miles W direction from BIG LAKE</b></div>		TOTAL DEPTH <div style="text-align: center;"><b>9466</b></div>
Section, Block and/or Survey <div style="display: flex; justify-content: space-between;"> <div>SECTION  <b>32</b></div> <div>BLOCK  <b>1</b></div> <div>ABSTRACT  <b>U32</b></div> </div> <div style="display: flex; justify-content: space-between;"> <div>SURVEY  <b>UL</b></div> </div>		
DISTANCE TO SURVEY LINES <div style="text-align: center;"><b>298 ft. N    2686 ft. E</b></div>		DISTANCE TO NEAREST LEASE LINE <div style="text-align: center;"><b>ft.</b></div>
DISTANCE TO LEASE LINES <div style="text-align: center;"><b>298 ft. N    2686 ft. E</b></div>		DISTANCE TO NEAREST WELL ON LEASE <div style="text-align: center;"><b>See FIELD(s) Below</b></div>
FIELD(s) and LIMITATIONS: <div style="text-align: center; margin-top: 20px;"><b>* SEE FIELD DISTRICT FOR REPORTING PURPOSES *</b></div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div>FIELD NAME</div> <div>ACRES</div> <div>DEPTH</div> <div>WELL #</div> <div>DIST</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div>LEASE NAME</div> <div>NEAREST LEASE</div> <div>NEAREST WE</div> </div> <div style="margin-top: 20px;"> <p>This well must comply to the new SWR 3.13 requirements concerning the isolation of any potential flow zones and zones with corrosive formation fluids. See approved permit for those formations that have been identified for the county in which you are drilling the well in.</p> </div>		

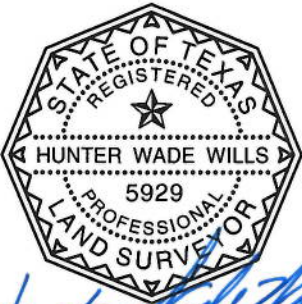
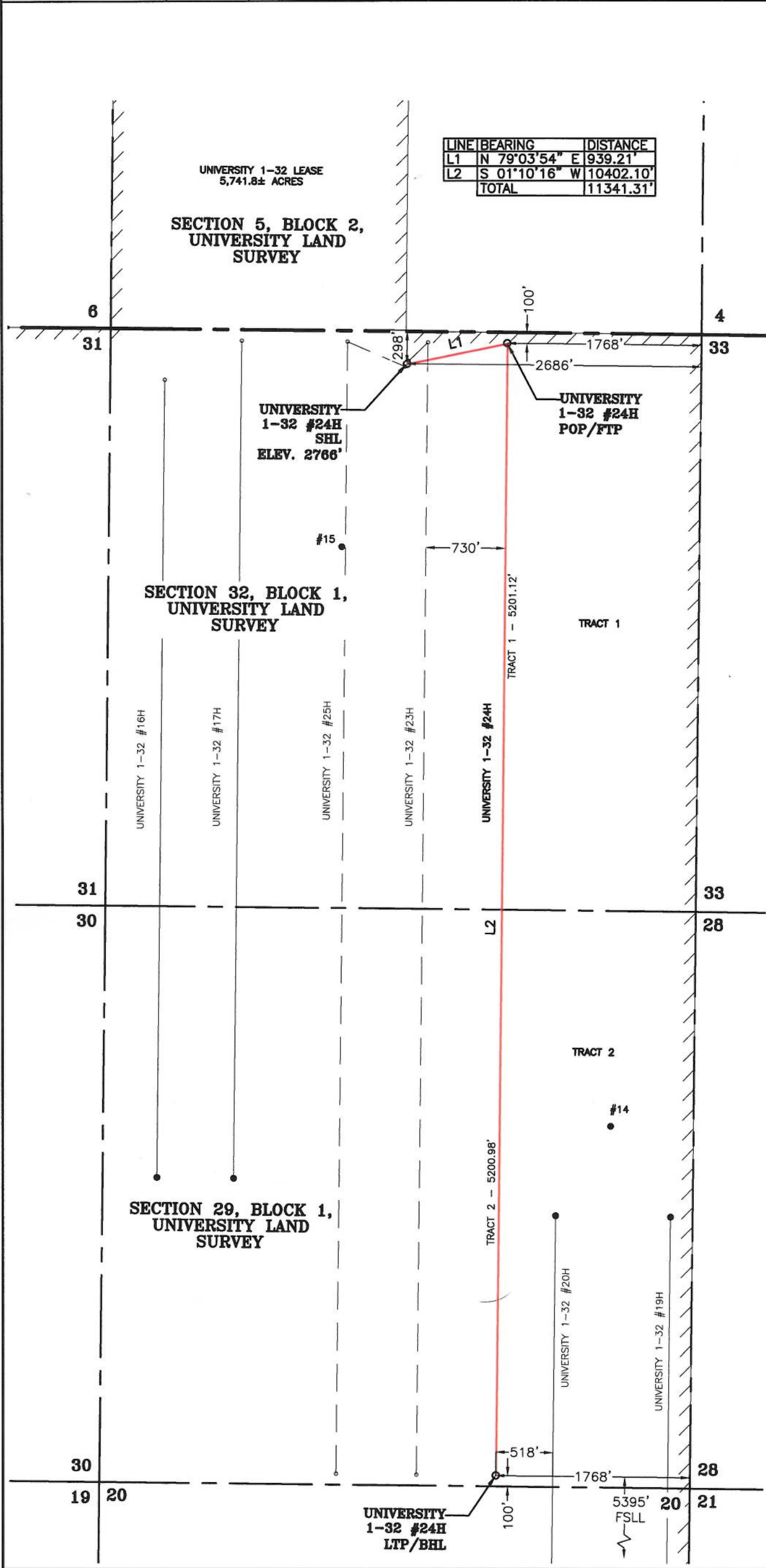
**RAILROAD COMMISSION OF TEXAS  
OIL & GAS DIVISION  
SWR #13 Formation Data**

**REAGAN (383) County**

Formation	Remarks	Geological Order	Effective Date
GRAYBURG		1	12/17/2013
QUEEN		2	12/17/2013
SAN ANDRES	saltwater flow, possibly heavy	3	12/17/2013
CLEARFORK		4	12/17/2013
SPRABERRY		5	12/17/2013
STRAWN		6	12/17/2013
FUSSELMAN		7	12/17/2013
ELLENBURGER		8	12/17/2013

The above list may not be all inclusive, and may also include formations that do not intersect all wellbores. The listing order of the Formation information reflects the general stratigraphic order and relative geologic age. This is a dynamic list subject to updates and revisions. It is the operator's responsibility to make sure that at the time of spudding the well the most current list is being referenced. Refer to the RRC website at the following address for the most recent information.  
<http://www.rrc.texas.gov/oil-gas/compliance-enforcement/rule-13-geologic-formation-info>

UNIVERSITY 1-32 #24H	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)	1558013.9	565972.9	31.215159	-101.747276	298'	FNL	2686'	FEL	298'	FNL	2686'	FEL	32
POINT OF PENETRATION/ FIRST TAKE POINT (POP/FTP)	1558936.1	566151.0	31.215681	-101.744334	100'	FNL	1768'	FEL	100'	FNL	1768'	FEL	32
LAST TAKE POINT/BOTTOM HOLE LOCATION (LTP/BHL)	1558723.5	555751.1	31.187081	-101.744592	100'	FSL	1768'	FEL	5395'	FSL	1768'	FEL	29



*Hunter Wade Wills*  
07-30-2021

NOTE: WELL IS LOCATED APPROXIMATELY 17.1 MILES WEST 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: 7/26/2021  
BY: K. NYRKKANEN  
AVO: 39678.679

**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.
- ALL MEASUREMENTS TO LEASE, UNIT, AND SURVEY LINES ARE PERPENDICULAR TO SAID LINES.
- THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT.
- THIS PLAT WAS PREPARED FOR PLANNING PURPOSES ONLY, AND DOES NOT REPRESENT AN OFFICIAL BOUNDARY SURVEY.
- THIS PLAT IS ACCOMPANIED BY AN EXCEL SPREADSHEET.

**PIONEER NATURAL RESOURCES  
USA, INC.**

**PERMIT PLAT**

UNIVERSITY 1-32 #24H

UNIVERSITY 1-32 LEASE-5,741.8± ACRES  
TOTAL TRACT: 5,741.8± ACRES  
(SURFACE AREA)

**LOCATED IN:**

SECTION 5, BLOCK 2 &  
SECTIONS 29 & 32, BLOCK 1,  
UNIVERSITY LAND SURVEY,  
REAGAN COUNTY, TEXAS