

API No. <u>42-461-42560</u> Drilling Permit # <u>893013</u> SWR Exception Case/Docket No. _____		RAILROAD COMMISSION OF TEXAS OIL & GAS DIVISION APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER <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>				FORM W-1 07/2004 Permit Status: Approved	
1. RRC Operator No. 665748		2. Operator's Name (as shown on form P-5, Organization Report) PIONEER NATURAL RES. USA, INC.		3. Operator Address (include street, city, state, zip): AMBER MCFADDEN PO BOX 3178 MIDLAND, TX 79702-0000			
4. Lease Name UNIVERSITY 3-19		5. Well No. 705H					
GENERAL INFORMATION							
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 10262		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			
SURFACE LOCATION AND ACREAGE INFORMATION							
11. RRC District No. 7C		12. County UPTON		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>22.9</u> miles in a <u>NW</u> direction from <u>BIG LAKE</u> which is the nearest town in the county of the well site.							
15. Section 3		16. Block 3		17. Survey UL		18. Abstract No. A-U3	
				19. Distance to nearest lease line: ft.		20. Number of contiguous acres in lease, pooled unit, or unitized tract: 2143.8	
21. Lease Perpendiculars: <u>527</u> ft from the <u>SOUTH</u> line and <u>1096</u> ft from the <u>EAST</u> line. 22. Survey Perpendiculars: <u>527</u> ft from the <u>SOUTH</u> line and <u>1096</u> ft from the <u>EAST</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			
FIELD INFORMATION 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	10262	1.00	
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)							
Remarks 				Certificate: I certify that information stated in this application is true and complete, to the best of my knowledge.			
				Name of filer <u>Matthew Gower, Regulatory Specialist I</u> Date submitted <u>Aug 17, 2023</u> <u>(972)9694507</u> <u>matthew.gower@pxd.com</u> Phone E-mail Address (OPTIONAL)			
RRC Use Only Data Validation Time Stamp: Aug 24, 2023 2:44 PM(Current Version)							

Permit Status: Approved <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

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Permit #	893013
Approved Date:	Aug 24, 2023

1. RRC Operator No. 665748	2. Operator's Name (exactly as shown on form P-5, Organization Report) PIONEER NATURAL RES. USA, INC.	3. Lease Name UNIVERSITY 3-19	4. Well No. 705H
Lateral Drainhole Location Information			
5. Field as shown on Form W-1 SPRABERRY (TREND AREA) (Field # 85279200, RRC District 7C)			
6. Section 30	7. Block 3	8. Survey UNIVERSITY LAND SURVEY	9. Abstract U30
10. County of BHL UPTON			
11. Terminus Lease Line Perpendiculars 100 ft. from the SOUTH line. and 775 ft. from the EAST line			
12. Terminus Survey Line Perpendiculars 2559 ft. from the NORTH line. and 775 ft. from the EAST line			
13. Penetration Point Lease Line Perpendiculars 275 ft. from the SOUTH line. and 770 ft. from the EAST 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 align="center">893013</div>	DATE PERMIT ISSUED OR AMENDED <div align="center">Aug 24, 2023</div>	DISTRICT <div align="center">* 7C</div>			
API NUMBER <div align="center">42-461-42560</div>	FORM W-1 RECEIVED <div align="center">Aug 17, 2023</div>	COUNTY <div align="center">UPTON</div>			
TYPE OF OPERATION <div align="center">NEW DRILL</div>	WELLBORE PROFILE(S) <div align="center">Horizontal</div>	ACRES <div align="center">2143.8</div>			
OPERATOR <div align="center"> PIONEER NATURAL RES. USA, INC. AMBER MCFADDEN PO BOX 3178 MIDLAND, TX 79702-0000 </div>		NOTICE This permit and any allowable assigned may be revoked if payment for fee(s) submitted to the Commission is not honored. District Office Telephone No: <div align="center">(325) 657-7450</div>			
LEASE NAME <div align="center">UNIVERSITY 3-19</div>		WELL NUMBER <div align="center">705H</div>			
LOCATION <div align="center">22.9 miles NW direction from BIG LAKE</div>		TOTAL DEPTH <div align="center">10262</div>			
Section, Block and/or Survey SECTION ◀ 3 BLOCK ◀ 3 ABSTRACT ◀ U3 SURVEY ◀ UL					
DISTANCE TO SURVEY LINES <div align="center">527 ft. SOUTH 1096 ft. EAST</div>		DISTANCE TO NEAREST LEASE LINE <div align="center">ft.</div>			
DISTANCE TO LEASE LINES <div align="center">527 ft. SOUTH 1096 ft. EAST</div>		DISTANCE TO NEAREST WELL ON LEASE <div align="center">See FIELD(s) Below</div>			
FIELD(s) and LIMITATIONS: <div align="center">* SEE FIELD DISTRICT FOR REPORTING PURPOSES *</div>					
FIELD NAME LEASE NAME		ACRES NEAREST LEASE	DEPTH NEAREST LEASE	WELL # NEAREST WE	DIST
----- SPRABERRY (TREND AREA) UNIVERSITY 3-19 -----		2143.80	10,262	705H 1	7C
----- WELLBORE PROFILE(s) FOR FIELD: Horizontal -----					
RESTRICTIONS: Lateral: TH1 Penetration Point Location Lease Lines: 275.0 F SOUTH L 770.0 F EAST L Terminus Location BH County: UPTON Section: 30 Block: 3 Abstract: U30 Survey: UNIVERSITY LAND SURVEY Lease Lines: 100.0 F SOUTH L 775.0 F EAST L Survey Lines: 2559.0 F NORTH L 775.0 F EAST L					
THE FOLLOWING RESTRICTIONS APPLY TO ALL FIELDS 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.					

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TYPE OF OPERATION <div style="text-align: center;">NEW DRILL</div>	WELLBORE PROFILE(S) <div style="text-align: center;">Horizontal</div>	ACRES <div style="text-align: center;">2143.8</div>
OPERATOR <div style="text-align: right;">665748</div> <div style="text-align: center;">PIONEER NATURAL RES. USA, INC.</div> <div style="text-align: center;">AMBER MCFADDEN PO BOX 3178 MIDLAND, TX 79702-0000</div>		NOTICE This permit and any allowable assigned may be revoked if payment for fee(s) submitted to the Commission is not honored. District Office Telephone No: <div style="text-align: center;">(325) 657-7450</div>
LEASE NAME <div style="text-align: center;">UNIVERSITY 3-19</div>		WELL NUMBER <div style="text-align: center;">705H</div>
LOCATION <div style="text-align: center;">22.9 miles NW direction from BIG LAKE</div>		TOTAL DEPTH <div style="text-align: center;">10262</div>
Section, Block and/or Survey <div style="display: flex; justify-content: space-between;"> <div>SECTION ◀ 3</div> <div>BLOCK ◀ 3</div> <div>ABSTRACT ◀ U3</div> </div> <div style="display: flex; justify-content: space-between;"> <div>SURVEY ◀ UL</div> <div></div> <div></div> </div>		
DISTANCE TO SURVEY LINES <div style="text-align: center;">527 ft. SOUTH 1096 ft. EAST</div>		DISTANCE TO NEAREST LEASE LINE <div style="text-align: center;">ft.</div>
DISTANCE TO LEASE LINES <div style="text-align: center;">527 ft. SOUTH 1096 ft. EAST</div>		DISTANCE TO NEAREST WELL ON LEASE <div style="text-align: center;">See FIELD(s) Below</div>
FIELD(s) and LIMITATIONS: <div style="text-align: center;">* SEE FIELD DISTRICT FOR REPORTING PURPOSES *</div>		
<div style="display: flex; justify-content: space-between;"> <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;"> <div>LEASE NAME</div> <div>NEAREST LEASE</div> <div>NEAREST WE</div> <div></div> <div></div> </div> <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>		

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

UPTON (461) County

Formation	Remarks	Geological Order	Effective Date
YATES		1	12/17/2013
GRAYBURG		2	12/17/2013
SAN ANDRES	saltwater flow	3	12/17/2013
SPRABERRY		4	12/17/2013
WOLFCAMP		5	12/17/2013
STRAWN		6	12/17/2013
DEVONIAN		7	12/17/2013
FUSSELMAN		8	12/17/2013
ELLENBURGER		9	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>



GROUNDWATER PROTECTION DETERMINATION

Form GW-2

Groundwater Advisory Unit

Date Issued: 06 March 2020**GAU Number:** 271974**Attention:** PIONEER NATURAL RES. USA,
ATTN WELDON PIERSON
IRVING, TX 75038**Operator No.:** 665748**API Number:** 46135970
County: UPTON
Lease Name: University 3-19
Lease Number: 17382
Well Number: 7
Total Vertical Depth: 10096
Latitude: 31.287629
Longitude: -101.783914
Datum: NAD27**Purpose:** Plug and Abandon (P&A)**Location:** Survey-UL; Abstract-U7; Block-3; Section-7

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

The interval from the land surface to 20 feet below the base of the Cretaceous-age beds must be protected. The base of the Cretaceous is estimated to occur at a depth of 475 feet.

This recommendation is applicable for all wells drilled in this Survey-UL; Block-3; Section-7.

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 03/03/2020. 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

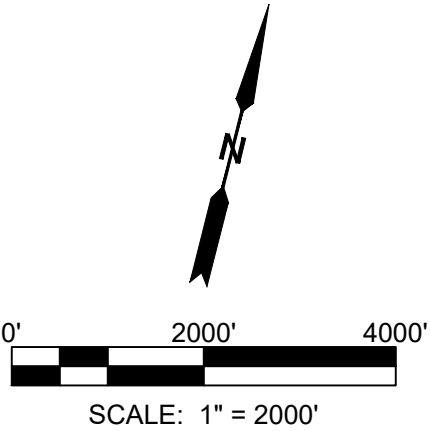
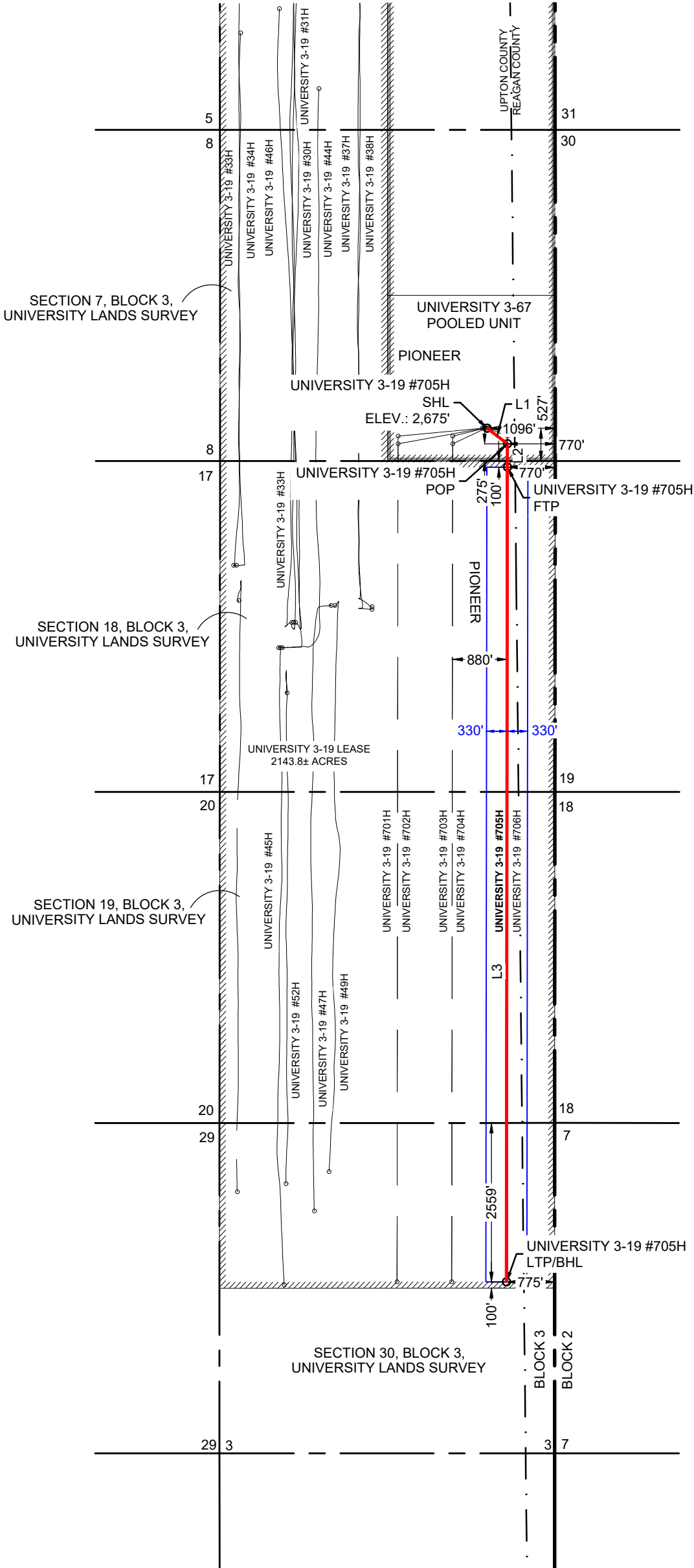
Form GW-2 P.O. Box 12967 Austin, Texas 78771-2967 512-463-2741 Internet address: www.rrc.texas.gov
Rev. 02/2014

UNIVERSITY 3-19 #705H	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)	1549286.7	588280.2	31.276179	-101.776118	527'	FSL	1096'	FEL	527'	FSL	1096'	FEL	7
POINT OF PENETRACTION (POP)	1549607.4	588022.1	31.275481	-101.775080	275'	FSL	770'	FEL	275'	FSL	770'	FEL	7
FIRST TAKE POINT (FTP)	1549599.8	587647.2	31.274450	-101.775089	100'	FNL	770'	FEL	100'	FNL	770'	FEL	18
LAST TAKE POINT/BOTTOM HOLE LOCATION (LTP/BHL)	1549314.8	574534.8	31.238391	-101.775457	2559'	FNL	775'	FEL	100'	FSL	775'	FEL	30

LINE	BEARING	DISTANCE
L1	S 51°10'21" E	411.67'
L2	S 01°09'52" W	375.00'
L3	S 01°14'42" W	13115.45'
TOTAL		13902.12'



Hunter Wade Wills
08/09/2023



NOTE: LEASE IS LOCATED APPROXIMATELY 22.9 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: 5/8/2023
BY: Y. BASCUE
AVO: 047474.372

LEGEND	
	SECTION LINE
	BLOCK/TOWNSHIP LINE
	LEASE LINE
	SUBJECT LATERAL
	AS-DRILLED LATERAL
	PERMITTED LATERAL
	PROPOSED LATERAL
	COUNTY LINE
	POOLED UNIT
	RULE 37
	PROPOSED 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 1.000232818, 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.

PIONEER NATURAL RESOURCES
USA, INC.

PERMIT PLAT

UNIVERSITY 3-19 #705H

UNIVERSITY 3-19 LEASE - 2,143.8± ACRES
TOTAL TRACT: 2,143.8± ACRES
(SURFACE AREA)

LOCATED IN:
SECTIONS 7,18,19 AND 30, BLOCK 3,
UNIVERSITY LANDS SURVEY,
UPTON COUNTY, TEXAS