

API No. <u>42-461-35632</u> Drilling Permit # <u>651923</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): 		
4. Lease Name <b>UNIVERSITY "58-5"</b>			5. Well No. <b>1</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 checked="" type="checkbox"/> Vertical <input 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>10000</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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
<b>SURFACE LOCATION AND ACREAGE INFORMATION</b>							
11. RRC District No. <b>7C</b>		12. County <b>UPTON</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>4.6</u> miles in a <u>NE</u> direction from <u>Rankin</u> which is the nearest town in the county of the well site.							
15. Section <b>5</b>	16. Block <b>58</b>	17. Survey <b>UL</b>		18. Abstract No. <b>A-</b>	19. Distance to nearest lease line: <b>660</b> ft.	20. Number of contiguous acres in lease, pooled unit, or unitized tract: <b>282.63</b>	
21. Lease Perpendiculars: <u>1980</u> ft from the <u>SOUTH</u> line and <u>660</u> ft from the <u>EAST</u> line.		22. Survey Perpendiculars: <u>1980</u> ft from the <u>SOUTH</u> line and <u>660</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			
<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	
<b>7C</b>	<b>85279200</b>	<b>SPRABERRY (TREND AREA)</b>		<b>Oil or Gas Well</b>	<b>10000</b>	<b>0.00</b>	
<b>BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS</b>							
<b>Remarks</b> [FILER Dec 20, 2007 5:07 PM]: Minimal H2S and monitoring equipment provided per Roy Bechtel's recommendation during drilling operations.				<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> <b>JEAN TILLERY, ENGINEERING TECH</b>            Name of filer  <u>(972)9693963</u>            Phone         </div> <div> <u>Dec 20, 2007</u>            Date submitted  <u>Jean.Tillery@pxd.com</u>            E-mail Address (OPTIONAL)         </div> </div>			
RRC Use Only				Data Validation Time Stamp: Jan 2, 2008 11:22 AM( Current Version )			

# Block 58, University Lands

S 88°49'46" E 5279.81'

PIONEER NATURAL  
RESOURCES

Fnd. Conc. Mnt. (NE 5)

(101188) 2

31

(S-31614)

(1567)

(84)

6

12

S 1°22'45" W 5309.57'

S 1°22'44" W 5329.89'

30

(85691)

Fnd. Conc. Mnt. (NW 4)

S 88°49'46" E 5279.85'

University "58-5"

(1566)

(85)

5

13

4

24

(1565)

(96)

#1

EL.

2650

660'

1086'

Note: Survey Reconstruction filed in the Office of Luchini and Mertz Land Surveying Company.

Note: All bearings and coordinates shown are based on the Texas Coordinate System of 1927, Central Zone.

A combined grid factor of 0.9997709 must be divided into Section Line distances to obtain a true horizontal distance.

Note: Example: (S-99999) indicates General Land Office file number.

Note: NAD '27 Coordinates & Latitude/Longitude on well location in Section 5

Note: Well location is approximately 4.6 miles northeast of Rankin.

#1

X: 1517247.03

Latitude - 31°15'58.115" N

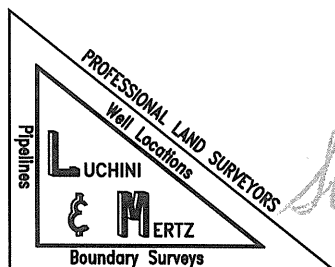
Y: 585060.13

Longitude - 101°52'42.688" W

Railroad Commission Permit Plat

PIONEER NATURAL RESOURCES USA, Inc.  
University "58-5" Lease  
SW/4 & S/2 & NE/4 of the NE/4 of  
Section 5, Block 58,  
University Lands,  
Upton County, Texas

Scale: 1" = 1000'



December 12, 2007

071212J4

P. O. Box 1963 Midland, Texas 79702 (432) 684-6728 Fax 686-1845

**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: center;">651923</div>	DATE PERMIT ISSUED OR AMENDED <div style="text-align: center;">Jan 02, 2008</div>	DISTRICT <div style="text-align: center;">* 7C</div>															
API NUMBER <div style="text-align: center;">42-461-35632</div>	FORM W-1 RECEIVED <div style="text-align: center;">Dec 20, 2007</div>	COUNTY <div style="text-align: center;">UPTON</div>															
TYPE OF OPERATION <div style="text-align: center;">NEW DRILL</div>	WELLBORE PROFILE(S) <div style="text-align: center;">Vertical</div>	ACRES <div style="text-align: center;">282.63</div>															
OPERATOR <div style="text-align: center;">PIONEER NATURAL RES. USA, INC.</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;">(325) 657-7450</div>															
LEASE NAME <div style="text-align: center;">UNIVERSITY "58-5"</div>		WELL NUMBER <div style="text-align: center;">1</div>															
LOCATION <div style="text-align: center;">4.6 miles NE direction from RANKIN</div>		TOTAL DEPTH <div style="text-align: center;">10000</div>															
Section, Block and/or Survey SECTION ⤵ 5                      BLOCK ⤵ 58                      ABSTRACT ⤵ SURVEY ⤵ UL																	
DISTANCE TO SURVEY LINES <div style="text-align: center;">1980 ft. SOUTH    660 ft. EAST</div>		DISTANCE TO NEAREST LEASE LINE <div style="text-align: center;">660 ft.</div>															
DISTANCE TO LEASE LINES <div style="text-align: center;">1980 ft. SOUTH    660 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>																	
<table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">FIELD NAME LEASE NAME</th> <th style="width:10%;">ACRES NEAREST LEASE</th> <th style="width:10%;">DEPTH</th> <th style="width:10%;">WELL # NEAREST WE</th> <th style="width:10%;">DIST</th> </tr> </thead> <tbody> <tr> <td>SPRABERRY (TREND AREA)</td> <td align="center">282.63</td> <td align="center">10,000</td> <td align="center">1</td> <td align="center">7C</td> </tr> <tr> <td>UNIVERSITY "58-5"</td> <td align="center">660</td> <td></td> <td align="center">0</td> <td></td> </tr> </tbody> </table>			FIELD NAME LEASE NAME	ACRES NEAREST LEASE	DEPTH	WELL # NEAREST WE	DIST	SPRABERRY (TREND AREA)	282.63	10,000	1	7C	UNIVERSITY "58-5"	660		0	
FIELD NAME LEASE NAME	ACRES NEAREST LEASE	DEPTH	WELL # NEAREST WE	DIST													
SPRABERRY (TREND AREA)	282.63	10,000	1	7C													
UNIVERSITY "58-5"	660		0														
<p align="center"><b>THE FOLLOWING RESTRICTIONS APPLY TO ALL FIELDS</b></p> <p>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.</p>																	

7150

# DEPTH OF USABLE-QUALITY GROUND WATER TO BE PROTECTED

## PLEASE READ ALL INSTRUCTIONS

The information requested is essential in order for this agency to provide an appropriate response. Please allow for receipt of this form in our offices at least two weeks before your operation begins. Due to the volume of these requests, at times, it may be difficult for us to handle telephone inquiries. Complete, keep the bottom sheet (goldenrod) for your files, and mail the top 3 sheets of the 4-sheet set of carbon-backed forms **with a map** to the address below. One sheet bearing our response will be returned to you. Another will be sent to the appropriate district office of the Railroad Commission. Individuals are entitled to request and review their personal information that the agency gathers on its forms. If you have questions on how to fill out this form or about the Surface Casing program, please contact us at 512/239-0515.

Surface Casing - MC 151  
TCEQ  
P.O. Box 13087  
Austin, TX 78711-3087

Date 12/21/07

TCEQ File No.: SC-

7150

G. Neale/J. Tillery (972)969-3963

Name of person preparing this request & phone No. (with area code)

Pioneer Natural Resources USA, Inc.

Company (operator's name as on RRC form W-1)

5205 N. O'Connor Blvd., Ste. 900

Mailing Address

Irving, Texas 75039

City and State

ZIP Code

FOR TCEQ USE ONLY

## ALWAYS INCLUDE A MAP SHOWING YOUR WELL SITE AND ALL SURROUNDING SURVEYS

COUNTY	<u>Upton</u>	Survey Name	<u>University Land</u>	
Block No.	<u>58</u>	Township		Section or Survey No. <u>5</u> (or) Lot No. <u></u>
Abstract No. A-		LEASE Name	<u>University "58-5"</u>	
Distances, in feet, and directions measured at right angles from each of two intersecting		<input checked="" type="checkbox"/> Section or	<input type="checkbox"/> Survey lines	
(NOT LEASE LINES) <u>1980</u> feet from <u>South</u> line and <u>660</u> feet from <u>East</u> line.				
Distance (in miles) and direction from a nearby town in this County (name the town) <u>4.6 miles Northeast of Rankin</u>				
THE ABOVE INFORMATION IN THIS BLOCK MUST BE COMPLETE AND CORRECT				
API #		RRC Lease No.		RRC Dist. No. <u>7C</u>
GPS Coord.(long/lat or X-Y state plane)	<u>X: 1517247.03</u>	<u>Y: 585060.13</u>		NAD <u>27</u>

Elevation 2650' Total Depth 10000' Geologic Fm. at T.D. Spraberry (Trend Area)

Purpose of the Request: ☒ New Drill ☐ Re-entry ☐ Plug & Abandon ☐ Other (specify)

Is this an amended request? ☐ Yes ☒ No Previous File No. for this well: SC-

☐ Log included of same or nearby well (The applicable type of well log that shows the aquifers.) Please provide a location map or API# for attached log.

ALWAYS attach the electric log of any well that is to be reentered.

Additional remarks:

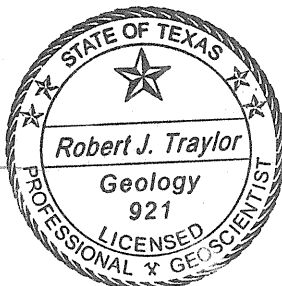
To protect usable-quality ground water at this location, the TEXAS COMMISSION ON ENVIRONMENTAL QUALITY recommends:

CO-UPTON, SUR-UL, BLK-58, SEC-5, LSE-UNIVERSITY-58-5-, #6/375

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 375 feet.

Very truly yours,

Robert J. Traylor, P.G.



Date

December 21, 2007

Geologist, Surface Casing, TCEQ

typed by TCEQ

NOTE: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. Approval of the well-completion methods for protection of this ground water falls under the jurisdiction of the Railroad Commission of Texas. This recommendation is intended for normal drilling, production, and plugging operations only. It does not apply to saltwater disposal operations into a nonproductive zone (RRC Form W-14).