

API No. <u>42-461-37191</u> Drilling Permit # <u>709163</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 "15-18"</b>		5. Well No. <b>1</b>					
<b>GENERAL INFORMATION</b>							
6. Purpose of filing (mark ALL appropriate boxes): <div style="display: flex; justify-content: space-between;"> <span><input checked="" type="checkbox"/> New Drill</span> <span><input type="checkbox"/> Recompletion</span> <span><input type="checkbox"/> Reclass</span> <span><input type="checkbox"/> Field Transfer</span> <span><input type="checkbox"/> Re-Enter</span> </div> <div style="display: flex; justify-content: space-between;"> <span><input type="checkbox"/> Amended</span> <span><input type="checkbox"/> Amended as Drilled (BHL) (Also File Form W-1D)</span> </div>							
7. Wellbore Profile (mark ALL appropriate boxes): <div style="display: flex; justify-content: space-between;"> <span><input checked="" type="checkbox"/> Vertical</span> <span><input type="checkbox"/> Horizontal (Also File Form W-1H)</span> <span><input type="checkbox"/> Directional (Also File Form W-1D)</span> <span><input type="checkbox"/> Sidetrack</span> </div>							
8. Total Depth <b>9500</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>4.2</u> miles in a <u>SW</u> direction from <u>Rankin</u> which is the nearest town in the county of the well site.							
15. Section <b>18</b>		16. Block <b>15</b>		17. Survey <b>UL</b>		18. Abstract No. <b>A-U123</b>	
				19. Distance to nearest lease line: <b>500</b> ft.		20. Number of contiguous acres in lease, pooled unit, or unitized tract: <b>324</b>	
21. Lease Perpendiculars: <u>1980</u> ft from the <u>SOUTH</u> line and <u>500</u> ft from the <u>WEST</u> line. 22. Survey Perpendiculars: <u>1980</u> ft from the <u>SOUTH</u> line and <u>2173</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	
7C	85279200	SPRABERRY (TREND AREA)		Oil or Gas Well	9500	0.00	
7C	19107500	COACHWHIP (BEND CONGLOMERATE)		Gas Well	9500	0.00	
7C	00016001	WILDCAT		Oil or Gas Well	9500	0.00	
<b>BOTTOMHOLE LOCATION INFORMATION</b> is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS							
<b>Remarks</b> [FILER Jan 25, 2011 11:13 AM]: Minimal H2S monitoring equipment will be used 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="text-align: center;"> <b>JEAN TILLERY, SR STAFF</b>  <b>ENGINEERING TECH</b> </div> <div style="display: flex; justify-content: space-between;"> <div>           Name of filer  <u>(972)9693963</u>            Phone         </div> <div>           Jan 25, 2011            Date submitted  <u>Jean.Tillery@pxd.com</u>            E-mail Address (OPTIONAL)         </div> </div>			
<b>RRC Use Only</b> Data Validation Time Stamp: Jan 31, 2011 7:41 AM( Current Version )							



**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 709163	DATE PERMIT ISSUED OR AMENDED Jan 28, 2011	DISTRICT * 7C		
API NUMBER 42-461-37191	FORM W-1 RECEIVED Jan 25, 2011	COUNTY UPTON		
TYPE OF OPERATION NEW DRILL	WELLBORE PROFILE(S) Vertical	ACRES 324		
OPERATOR PIONEER NATURAL RES. USA, INC.		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> (325) 657-7450		
LEASE NAME UNIVERSITY "15-18"		WELL NUMBER 1		
LOCATION 4.2 miles SW direction from RANKIN		TOTAL DEPTH 9500		
Section, Block and/or Survey SECTION ◀ 18                      BLOCK ◀ 15                      ABSTRACT ◀ U123 SURVEY ◀ UL				
DISTANCE TO SURVEY LINES 1980 ft. SOUTH    2173 ft. EAST		DISTANCE TO NEAREST LEASE LINE 500 ft.		
DISTANCE TO LEASE LINES 1980 ft. SOUTH    500 ft. WEST		DISTANCE TO NEAREST WELL ON LEASE See FIELD(s) Below		
FIELD(s) and LIMITATIONS: <p align="center">* SEE FIELD DISTRICT FOR REPORTING PURPOSES *</p>				
FIELD NAME LEASE NAME	ACRES NEAREST LEASE	DEPTH	WELL # NEAREST WE	DIST
----- SPRABERRY (TREND AREA) UNIVERSITY "15-18"	324.00 500	9,500	1 0	7C
----- WILDCAT UNIVERSITY "15-18"	324.00 500	9,500	1 0	7C
----- COACHWHIP (BEND CONGLOMERATE) UNIVERSITY "15-18"	324.00 500	9,500	1 0	7C
<p align="center">THE FOLLOWING RESTRICTIONS APPLY TO ALL FIELDS</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>				



Texas Commission  
on Environmental Quality  
Surface Casing Program

# DEPTH OF USABLE-QUALITY GROUND WATER TO BE PROTECTED

Date January 27, 2011

TCEQ File No.: SC- 8508

\*\*\*\*\* EXPEDITED APPLICATION \*\*\*\*\*

API Number 46100000

Attention: F JEAN TILLERY

RRC Lease No. 000000

SC\_665748\_46100000\_000000\_8508.pdf

PIONEER NATURAL RESOURCES  
5205 N OCONNOR BLVD  
IRVING TX 75039

--Measured--

2173 ft FEL

1980 ft FSL

MRL:SECTION

Digital Map Location:

X-coord/Long 1478182

Y-coord/Lat 559799

Datum 27 Zone C

P-5# 665748

County UPTON

Lease & Well No. UNIVERSITY -15-18- #1

Purpose ND

Location SUR-UL,BLK-15,SEC-18,--[TD=9500],[RRC 7C],


To protect usable-quality ground water at this location, the Texas Commission on Environmental Quality recommends:

The interval from the land surface to a depth of 450 feet must be protected.

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 groundwater 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 operation into a nonproductive zone (RRC Form W-14).**

If you have any questions, please contact us at 512-239-0515, [sc@tceq.state.tx.us](mailto:sc@tceq.state.tx.us), or by mail MC-151.

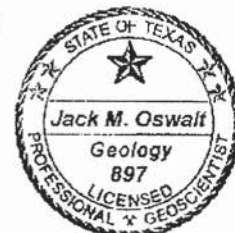
Sincerely,

  
Digitally signed by Jack Oswalt  
DN: c=US, st=Texas, l=Austin, ou=Surface  
Casing, o=Texas Commission on  
Environmental Quality, cn=Jack Oswalt,  
email=joswalt@tceq.state.tx.us  
Date: 2011.01.27 09:46:12 -06'00'

Jack M. Oswalt, P.G.

Geologist, Surface Casing Team  
Waste Permits Division

GEOLOGIST SEAL



The seal appearing on this document was authorized by Jack M. Oswalt on 1/27/2011  
Note: Alteration of this electronic document will invalidate the digital signature.



H.R. Smith

(84105)

(91712) 46

G.C. & S.F. Ry. Co.

(S-31736) 13

T.J. Powell

14 (93369)

T.A. Kincaid

(S.F. 14697)

11 (S-31776)

G.C. & S.F.  
Ry. Co.

17

(467)

18

(477)

S 88°37'37" E 5345.87'

PIONEER NATURAL RESOURCES Fnd. Conc. Mon.



N 1°22'23" E 5280.00'

Block 15,  
University Land

S 1°21'59" W 5280.00'

#1  
EL.  
2423

500'

2173'

1980'

University "15-18"

324.0 Ac.

14

(473)

13

(472)

N 88°37'37" W 5346.72'

12

(108454)

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 0.9997710 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 18.

Note: Well location is approximately 4.2 miles southwest of Rankin.

#1

X: 1478182.58

Latitude - 31.19514611° N

Y: 559799.87

Longitude - 102.00233052° W

Latitude - 31°11'42.53"N Longitude - 102°00'08.39"W

Railroad Commission Permit Plat

PIONEER NATURAL RESOURCES USA, Inc.

University "15-18" Lease

E/2 of

Section 18, Block 15,  
University Land,  
Upton County, Texas

Scale: 1" = 1000'



Steven L. Prewit

January 12, 2011

110112M

