

API No. <u>42-383-36972</u> Drilling Permit # <u>702296</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):			
4. Lease Name UNIVERSITY "2-20"		5. Well No. 6					
GENERAL INFORMATION							
6. Purpose of filing (mark ALL appropriate boxes): <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <input checked="" type="checkbox"/> New Drill <input type="checkbox"/> Recompletion <input type="checkbox"/> Reclass <input type="checkbox"/> Field Transfer <input type="checkbox"/> Re-Enter </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <input type="checkbox"/> Amended <input type="checkbox"/> Amended as Drilled (BHL) (Also File Form W-1D) </div>							
7. Wellbore Profile (mark ALL appropriate boxes): <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <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 </div>							
8. Total Depth 10800		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			
SURFACE LOCATION AND ACREAGE INFORMATION							
11. RRC District No. 7C		12. County REAGAN		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>17.7</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 20	16. Block 2	17. Survey UL		18. Abstract No. A-	19. Distance to nearest lease line: 660 ft.	20. Number of contiguous acres in lease, pooled unit, or unitized tract: 659.7	
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			
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	10800	4268.00	
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS.							
Remarks [FILER Sep 16, 2010 9:10 AM]: Minimal H2S and monitoring equipment provided per Roy Bechtel's recommendation during drilling operations.; [RRC STAFF Sep 20, 2010 10:21 AM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF Sep 28, 2010 1:40 PM]: Revised plat attached from Jean Tillery.; [RRC STAFF Sep 28, 2010 1:41 PM]: Problems identified with this permit are resolved.				Certificate: I certify that information stated in this application is true and complete, to the best of my knowledge. <div style="text-align: center; margin-top: 10px;"> JEAN TILLERY, SR STAFF ENGINEERING TECH </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> Name of filer <u>(972)9693963</u> Phone </div> <div> Date submitted <u>Sep 16, 2010</u> E-mail Address (OPTIONAL) <u>Jean.Tillery@pxd.com</u> </div> </div>			
RRC Use Only Data Validation Time Stamp Sep 29, 2010 8:34 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 <div style="text-align: right;">702296</div>	DATE PERMIT ISSUED OR AMENDED <div style="text-align: center;">Sep 28, 2010</div>	DISTRICT <div style="text-align: center;">* 7C</div>															
API NUMBER <div style="text-align: right;">42-383-36972</div>	FORM W-1 RECEIVED <div style="text-align: center;">Sep 16, 2010</div>	COUNTY <div style="text-align: center;">REAGAN</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;">659.7</div>															
OPERATOR <div style="text-align: right;">665748</div> <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. District Office Telephone No: <div style="text-align: center;">(325) 657-7450</div>															
LEASE NAME <div style="text-align: center;">UNIVERSITY "2-20"</div>		WELL NUMBER <div style="text-align: center;">6</div>															
LOCATION <div style="text-align: center;">17.7 miles NW direction from BIG LAKE</div>		TOTAL DEPTH <div style="text-align: center;">10800</div>															
Section, Block and/or Survey <div style="display: flex; justify-content: space-between;"> <div>SECTION ◀ 20</div> <div>BLOCK ◀ 2</div> <div>ABSTRACT ◀</div> </div> <div style="display: flex; justify-content: space-between;"> <div>SURVEY ◀ UL</div> </div>																	
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; margin-top: 10px;">* SEE FIELD DISTRICT FOR REPORTING PURPOSES *</div>																	
<table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">FIELD NAME LEASE NAME</th> <th style="text-align: center;">ACRES NEAREST LEASE</th> <th style="text-align: center;">DEPTH</th> <th style="text-align: center;">WELL # NEAREST WE</th> <th style="text-align: center;">DIST</th> </tr> </thead> <tbody> <tr> <td style="border-top: 1px dashed black;">SPRABERRY (TREND AREA)</td> <td style="text-align: center; border-top: 1px dashed black;">659.70</td> <td style="text-align: center; border-top: 1px dashed black;">10,800</td> <td style="text-align: center; border-top: 1px dashed black;">6</td> <td style="text-align: center; border-top: 1px dashed black;">7C</td> </tr> <tr> <td style="border-top: 1px dashed black;">UNIVERSITY "2-20"</td> <td style="text-align: center; border-top: 1px dashed black;">660</td> <td></td> <td style="text-align: center; border-top: 1px dashed black;">4268</td> <td></td> </tr> </tbody> </table>			FIELD NAME LEASE NAME	ACRES NEAREST LEASE	DEPTH	WELL # NEAREST WE	DIST	SPRABERRY (TREND AREA)	659.70	10,800	6	7C	UNIVERSITY "2-20"	660		4268	
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SPRABERRY (TREND AREA)	659.70	10,800	6	7C													
UNIVERSITY "2-20"	660		4268														
<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 September 21, 2010

TCEQ File No.: SC- 9907

***** EXPEDITED APPLICATION *****

API Number 38300000

Attention: F JEAN TILLERY

RRC Lease No. 16589

SC_665748_38300000_16589_9907.pdf

PIONEER NATURAL RESOURCES
5205 N OCONNOR BLVD
IRVING TX 75039

--Measured--

660 ft FEL

1980 ft FSL

MRL:SECTION

P-5# 665748

Digital Map Location:

X-coord/Long 1560415

Y-coord/Lat 584172

Datum 27 Zone C

County REAGAN

Lease & Well No. UNIVERSITY -2-20- #6

Purpose ND

Location SUR-UL,BLK-2,SEC-20,--[TD=10800],[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 20 feet below the base of Cretaceous-age beds must be protected. The base of the Cretaceous is estimated to occur at a depth of 500 feet.

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).

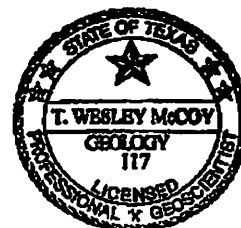
If you have any questions, please contact us at 512-239-0515, sc@tceq.state.tx.us, or by mail MC-151.

Sincerely,

T. Wesley McCoy
Digitally signed by Thomas Wesley McCoy
DN: cn=US, st=Texas, ln=Austin, ou=Surface
Casing, o=Texas Commission on
Environmental Quality, cn=Thomas Wesley
McCoy, email=wmccoy@tceq.state.tx.us
Date: 2010.09.21 10:22:13 -05'00'

T. Wesley McCoy, P.G.

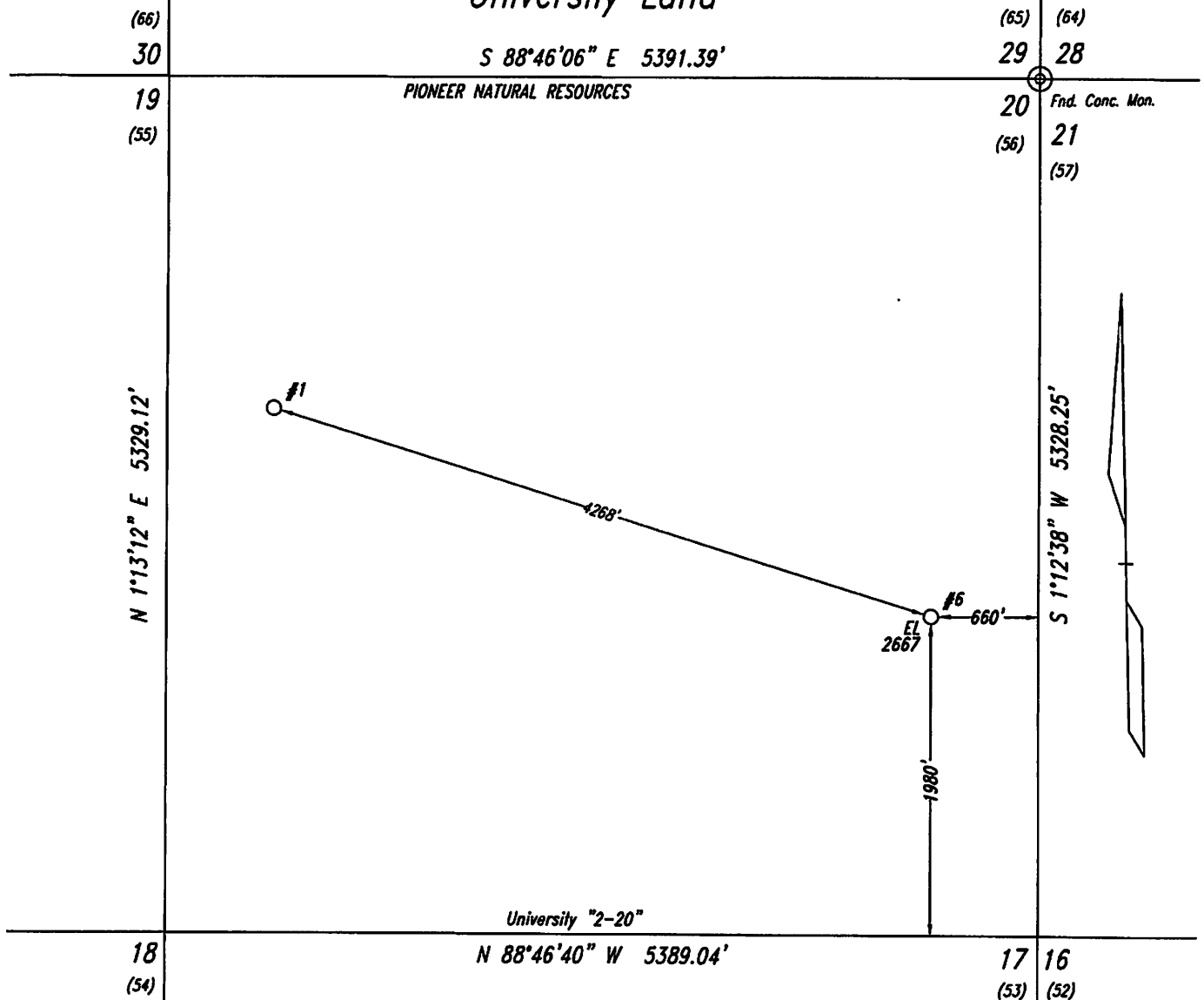
GEOLOGIST SEAL



Geologist, Surface Casing Team
Waste Permits Division

The seal appearing on this document was authorized by T. Wesley McCoy on 9/21/2010
Note: Alteration of this electronic document will invalidate the digital signature.

Block 2, University Land



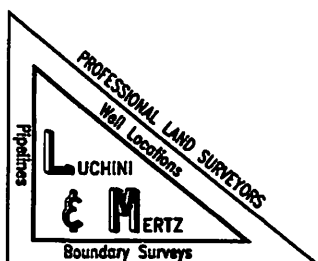
Note: Survey Reconstruction filed in the Office of Luchini and Mertz Land Surveying Company.
 Note: All bearings and coordinates shown are based on the Texas Coordinate System of 1927, Central Zone.
 A combined grid factor of 0.9997709 must be divided into Section Line distances to obtain a true horizontal distance.
 Note: Example: (S-99999) indicates General Land Office file number.
 Note: NAD '27 Coordinates & Latitude/Longitude on well location in Section 20.
 Note: Well location is approximately 17.7 miles northwest of Big Lake.

#6
 X: 1560415.69 Latitude- 31°15'55.001"N
 Y: 584172.60 Longitude- 101°44'25.189"W

Railroad Commission Permit Plat

PIONEER NATURAL RESOURCES USA, Inc.
 University "2-20" Lease
 all of
 Section 20, Block 2,
 University Land,
 Reagan County, Texas

Scale: 1" = 1000'



Steven L. Prewit
 June 21, 2010
 1006210

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