

RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

Tracking No.: 21794

Status: Work in Progress

This facsimile W-2 was generated electronically
from data submitted to the RRC.

API No. **42- 383-36972**

7. RRC District No.

7C

8. RRC Lease No.

16589

Oil Well Potential Test, Completion or Recompletion Report, and Log

1. FIELD NAME (as per RRC Records or Wildcat)
SPRABERRY (TREND AREA)

2. LEASE NAME
UNIVERSITY "2-20"

9. Well No.
6

3. OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report)
PIONEER NATURAL RES. USA, INC.

RRC Operator No.
665748

10. County of well site
REAGAN

4. ADDRESS
ATTN CINDY WHIDDON P O BOX 3178 MIDLAND, TX 79702-0000

5. If Operator has changed within last 60 days, name former operator

11. Purpose of filing
Initial Potential ☒
Retest ☐
Reclass ☐
Well record only
(Explain In remarks) ☐

6a. Location (Section, Block, and Survey)
20 , 2 , UL

6b. Distance and direction to nearest town in this county.
17.7 MILES NW FROM BIG LAKE

12. If workover or reclass, give former field (with reservoir) & Gas ID or oil lease no.
FIELD & RESERVOIR

GAS ID or
OIL LEASE #

Oil-O
Gas-G

Well #

N/A

13. Type of electric or other log run
Acceptable cased hole logs

14. Completion or recompletion date
05/24/2011

SECTION I- POTENTIAL TEST DATA IMPORTANT: Test should be for 24 hours unless otherwise specified infield rules.

15. Date of test 06/05/2011	16. No. of hours tested 24	17. Production method (Flowing, Gas Lift, Jetting, Pumping- Size & Type of pump) Pumping			18. Choke size
19. Production during Test Period	Oil - BBLS 120.0	Gas - MCF 203	Water - BBLS 166	Gas - Oil Ratio 1691	Flowing Tubing Pressure PSI
20. Calculated 24-Hour Rate	Oil - BBLS 120.0	Gas - MCF 203	Water - BBLS 166	Oil Gravity-API-60° 43.9	Casing Pressure PSI
21. Was swab used during this test? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		22. Oil produced prior to test (New & Reworked wells) 712.0		23. Injection Gas-Oil Ratio 1691.0	
REMARKS: NEW WELL - LOG BEING MAILED TO AUSTIN RRC					

INSTRUCTIONS: File an original and one copy of the completed FormW-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the allowable assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (Statewide Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a retest, fill in only the front side.

WELL TESTERS CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. I further certify that the potential test data shown above is true, correct, and complete, to the best of my knowledge.

Signature: Well Tester

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct and complete, to the best of my knowledge.

PIONEER NATURAL RES. USA, INC.
Type or printed name of operator's representative

(972) 969-3963

Telephone: Area Code

06/28/2011

Number

Month Day Year

SR STAFF ENGINEERING TECH

Title of Person

JEAN TILLERY

Signature

SECTION III

DATA ON WELL COMPLETION AND LOG (Not Required on Retest)

24. Type of Completion New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>				25. Permit to Drill, Plug Back or Deepen DATE 09/28/2010 PERMIT NO. 702296 Rule 37 Exception CASE NO.			
26. Notice of Intention to Drill this well was filed in Name of PIONEER NATURAL RES. USA, INC.				Water Injection Permit PERMIT NO.			
27. Number of producing wells on this lease in this field (reservoir) including this well 2		28. Total number of acres in this lease 659.7		Salt Water Disposal Permit PERMIT NO.			
29. Date Plug Back, Deepening, Workover or Drilling Operations: Commenced 01/10/2011 Completed 01/21/2011		30. Distance to nearest well, Same Lease & Reservoir 4268.0		Other PERMIT NO.			
31. Location of well, relative to nearest lease boundaries 1980.0 Feet From South Line and 660.0 Feet from East Line of the UNIVERSITY "2-20" Lease							
32. Elevation (DF, RKB, RT, GR ETC.) 2667 GL				33. Was directional survey made other than inclination (Form W-12)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
34. Top of Pay 6468	35. Total Depth 10290	36. P. B. Depth 10275	37. Surface Casing Determined by Field Rules <input type="checkbox"/>	Recommendation of T.D.W.R. <input checked="" type="checkbox"/>	Dt. of Letter 08/21/2010		
38. Is well multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				Railroad Commission (Special) <input type="checkbox"/>			
39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. FIELD & RESERVOIR N/A				GAS ID or OIL LEASE #	Oil-G Gas-G		
40. Intervals Drilled by: Rotary Tools <input checked="" type="checkbox"/> Cable Tools	41. Name of Drilling Contractor PATTERSON-UTI DRILLING COMPANY LLC				42. Is Cementing Affidavit Attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
43. CASING RECORD (Report All Strings Set in Well)							
CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.
8 5/8	23.0 32.0	564		CLASS C 350	11	SURFACE	599.0
4 1/2	11.6	10290		TXI 1590	7 7/8	2900	2544.0
44. LINER RECORD							
Size	Top	Bottom	Sacks Cement	Screen			
N/A							
45. TUBING RECORD							
Size	Depth Set	Packer Set	From	To			
2 3/8	6346		6468	7440			
			7888	7969			
			8150	10098			
			From	To			
47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
Depth Interval			Amount and Kind of Material Used				
6468.0		7440.0	213,594G 18# X-LINK, 453,107# 20/40 MSD, 4500G 15% HCL				
7888.0		7969.0	70,614G 15# X-LINK, 149,742# 20/40 MSD, 1500G 15% HCL				
8150.0		10098.0	644,106G 10# LINEAR GEL, 410,694# 20/40 MSD, 9000G 15% HCL				
48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)							
Formations	Depth		Formations	Depth			
TOP UPPER SPRABERRY	6450.0		TOP WOLFCAMP	8020.0			
TOP LOWER SPRABERRY	7028.0						
TOP DEAN	7837.0						
REMARKS: N/A							

Cementer: Fill in shaded areas.
Operator: Fill in other items

Form W-15
Cementing Report
Rev. 4/1/83
483-045

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

1. Operator's Name (As shown on Form P-5, Organization Report) Pioneer Natural Resources USA, Inc.		2. RRC Operator No. 665748	3. RRC District No. 7C	4. County of Well Site Reagan
5. Field Name (Wildcat or exactly as shown on RRC records) SPRABERRY (TREND AREA)			6. API No. 12-383-36972	7. Drilling Permit No. 702296
8. Lease Name University "2-20"		9. Rule 37 Case No.	10. Oil Lease/Gas ID No. 16589	11. Well No. 6

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date		1/10/2011					
13. ●Drilling hole size		11"					
●Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)		8 5/8"					
15. Top of liner (ft.)							
16. Setting depth (ft.)		564'					
17. Number of centralizers used		5					
18. Hrs. waiting on cement before drill-out		12					
1st Slurry	19. API cement used: No. of sacks ▶	350					
	Class ▶	Class C					
	Additives ▶	Remarks					
2nd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
3rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1st	20. Slurry pumped: Volume (cu. ft.) ▶	599					
	Height (ft.) ▶	2354					
2nd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
3rd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu. ft.) ▶	599					
	Height (ft.) ▶	2354					
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?		Yes					
1st 4%D20+ 2%S1							
2nd 0							

OVER ➔

CEMENTING TO PLUG AND ABANDON	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
23. Cementing date.								
24. Size of hole or pipe plugged (in.)								
25. Depth to bottom of tubing or drill pipe (ft.)								
26. Sacks of cement used (each plug)								
27. Slurry volume pumped (cu. ft.)								
28. Calculated top of plug (ft.)								
29. Measured top of plug, if tagged (ft.)								
30. Slurry wt. (lbs/gal)								
31. Type cement								

CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

Rhett Barker, FS

Dowell Schlumberger

Name and title of cementer's representative

Cementing Company

Signature

32 E. Industrial Loop

Midland, Texas 79701

(432) 683-1887

10-Jan-11

Address

City, State, Zip Code

Tel.: Area Code Number

Date: mo. day yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

E. JEAN TILLERY

SR. STAFF ENGINEERING TECH

Signature

Typed or printed name of operator's representative

Title

5205 N. O'CONNOR BLVD., #200, IRVING, TX 75039

972/969-3963

6/28/11

Address

City, State, Zip Code

Tel.: Area Code Number

Date: mo. day yr.

Instructions to Form W-15, Cementing Report

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's State Rules 8 (Water Protection), 13 (Casing, Cementing, Drilling, and Completion), and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (c).

A. What to file. An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form. Form W-15 should be filed with the following:

- An initial oil or gas completion report, **Form W-2 or G-1**, as required by Statewide or special field rules;
- Form **W-4**, Application for Multiple Completion, if the well is a multiple parallel casing completion; and
- Form **W-3**, Plugging Record, unless the W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form **W-15**, in addition to Form **W-3**, to show any casing cemented in the hole.

B. Where to file. The appropriate Commission District Office for the county in which the well is located.

C. Surface casing. An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources, Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

D. Centralizers. Surface casing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones. In nondeviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.

E. Exceptions and alternative casing programs. The District Director may grant an exception to the requirements of Statewide Rule 13. In a written application, an operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. **An operator must obtain approval of any exception before beginning casing and cementing operations.**

F. Intermediate and production casing. For specific technical requirements, operators should consult Statewide Rule 13 (b) (3) and (4).

G. Plugging and abandoning. Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement plugs. For onshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three feet below the ground surface. All cement plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole, plus ten percent for each 1,000 feet of depth from the ground surface to the bottom of the plug.

To plug and abandon a well, operators must use only cementers approved by the Director of Field Operations. Cementing companies, service companies, or

Cementer: Fill in shaded areas.
Operator: Fill in other items

Form W-15
Cementing Report
Rev. 4/1/83
483-045

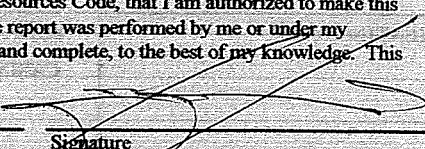
RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

1. Operator's Name (As shown on Form P-5, Organization Report) Pioneer Natural Resources USA, Inc.	2. RRC Operator No. 665798	3. RRC District No. 7C	4. County of Well Site Reagan, TX
5. Field Name (Wildcat or exactly as shown on RRC records) SPRABERRY (TREND AREA)		6. API No. 42-383-36972	702296
8. Lease Name University 2-20 "	9. Rule 37 Case No.	10. Oil Lease/Gas ID No. 16589	11. Well No. #6

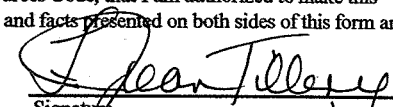
CASING CEMENTING DATA:	SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
			Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date			1/21/2011			
13. ●Drilling hole size			7 7/8"			
●Est. % wash or hole enlargement						
14. Size of casing (in. O.D.)			4 1/2"			
15. Top of liner (ft.)						
16. Setting depth (ft.)			10,290'			
17. Number of centralizers used			28			
18. Hrs. waiting on cement before drill-out						
19. API cement used: No. of sacks			1590			
Class			TXI			
Additives			*			
No. of sacks			0			
Class			0			
Additives			* *			
No. of sacks			0			
Class			0			
Additives			* * *			
20. Slurry pumped: Volume (cu. ft.)			2544			
Height (ft.)			11160			
Volume (cu. ft.)			0			
Height (ft.)			0			
Volume (cu. ft.)			0			
Height (ft.)			0			
Volume (cu. ft.)			2544			
Height (ft.)			11160			
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?			No			
22. Remarks	* .2%D65+.25%D207+.2%D46+.35%D13+3%D20 * * 0.00 * * * 0.00					
Circulated ***** ()sks ()bbls						

CEMENTING TO PLUG AND ABANDON	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
23. Cementing date								
24. Size of hole or pipe plugged (in.)								
25. Depth to bottom of tubing or drill pipe (ft.)								
26. Sacks of cement used (each plug)								
27. Slurry volume pumped (cu. ft.)								
28. Calculated top of plug (ft.)								
29. Measured top of plug, if tagged (ft.)								
30. Slurry wt. (lbs/gal)								
31. Type cement								

CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

Marco A. Herrera/Field Specialist	Schlumberger	
Name and title of cementer's representative	Cementing Company	Signature
32 E. Industrial Loop	Midland, Texas 79701	(432) 683-1887
Address	City, State, Zip Code	Tel.: Area Code Number
		Date: mo. day yr. 1/21/2011

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

F. JEANTILERY JR. STAFF ENGINEERING TECH	
Typed or printed name of operator's representative	Signature
5205 N. D'CONNOR BLVD., #200, IRVING, TX 75039	972/969-3963
Address	Tel.: Area Code Number
	Date: mo. day yr. 6/28/11

Instructions to Form W-15, Cementing Report

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's State Rules 8 (Water Protection), 13 (Casing, Cementing, Drilling, and Completion), and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (c).

A. What to file. An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form. Form W-15 should be filed with the following:

- An initial oil or gas completion report, **Form W-2 or G-1**, as required by Statewide or special field rules;
- **Form W-4**, Application for Multiple Completion, if the well is a multiple parallel casing completion; and
- **Form W-3**, Plugging Record, unless the W-3 is signed by the cementing company representative. When reporting **dry holes**, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.

B. Where to file. The appropriate Commission District Office for the county in which the well is located.

C. Surface casing. An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources, Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

D. Centralizers. Surface casing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones. In nondeviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.

E. Exceptions and alternative casing programs. The District Director may grant an exception to the requirements of Statewide Rule 13. In a written application, an operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. **An operator must obtain approval of any exception before beginning casing and cementing operations.**

F. Intermediate and production casing. For specific technical requirements, operators should consult Statewide Rule 13 (b) (3) and (4).

G. Plugging and abandoning. Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement plugs. For onshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three feet below the ground surface. All cement plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole, plus ten percent for each 1,000 feet of depth from the ground surface to the bottom of the plug.

To plug and abandon a well, operators must use only cementers approved by the Director of Field Operations. Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

RAILROAD COMMISSION OF TEXAS OIL AND GAS DIVISION

Form W-12
(1-1-71)

RIG #: 73		6. RRC District 7C
INCLINATION REPORT (One Copy Must Be Filed With Each Completion Report)		
1. FIELD NAME (as per RRC Records or Wildcat) SPRABERRY (TREND AREA)	2. LEASE NAME University "2-20"	7. RRC Lease Number (Oil completions only) 16589
3. OPERATOR PIONEER NATURAL RESOURCES USA, Inc.		8. Well Number 6
4. ADDRESS 5205 N. O'CONNER # 1400, IRVING, TEXAS 75039		9. RRC Identification Number (Gas completions only)
5. LOCATION (Section, Block and Survey) SEC. 20, BLK. 2, UNIVERSITY LAND		10. County Reagan

RECORD OF INCLINATION

11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	13. Angle of Inclination (Degrees)	14. Displacement per (Hundred Feet (Sine of Angle X 100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
242	2.42	0.50	0.87	2.11	2.11
522	2.80	1.04	1.82	5.08	7.19
1007	4.85	0.71	1.24	6.01	13.20
1480	4.73	0.75	1.31	6.19	19.40
1949	4.69	1.00	1.75	8.19	27.58
2420	4.71	0.75	1.31	6.17	33.75
2893	4.73	1.00	1.75	8.25	42.00
2989	0.96	0.75	1.31	1.26	43.26
3495	5.06	0.48	0.84	4.24	47.50
3972	4.77	0.39	0.68	3.25	50.74
4472	5.00	0.35	0.61	3.05	53.80
4948	4.76	0.28	0.49	2.33	56.12
5420	4.72	0.51	0.89	4.20	60.32
5893	4.73	0.51	0.89	4.21	64.53
6367	4.74	0.61	1.06	5.05	69.58
6840	4.73	0.30	0.52	2.48	72.06

If additional space is needed, use the reverse side of this form.

17. Is any information shown on the reverse side of this form? ☒ yes ☐ no
18. Accumulative total displacement of well bore at total depth of 10248 feet = 114.99 feet.
- *19. Inclination measurements were made in ☐ Tubing ☐ Casing ☐ Open hole ☒ Drill Pipe
20. Distance from surface location of well to the nearest lease line 660 feet.
21. Minimum distance to lease line as prescribed by field rules 467 feet.
22. Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? NO
- (If the answer to above question is "yes," attach written explanation of the circumstances.)

<p>INCLINATION DATA CERTIFICATION</p> <p>I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both side of this form and that such data and facts are true, correct, and complete to the best of my knowledge. This certification covers all data as indicated by asterisks (*) by the item numbers on this form.</p> <p><i>Michelle Brown</i></p> <p>Signature of Authorized Representative MICHELLE BROWN, ADMINISTRATIVE ASST.</p> <p>Name of Person and Title (type or print) PATTERSON-UTI DRILLING COMPANY LLC</p> <p>Name of Company</p> <p>Telephone: <u>432</u> - <u>561-9382</u></p> <p style="text-align: center;">Area Code</p>	<p>OPERATOR CERTIFICATION</p> <p>I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of all information presented in this report, and that all data is presented on both sides of this forms are true, correct, and complete to the best of my knowledge. This certification covers all data and information presented herein except inclination data as indicated by asterisks (*) by the item numbers on this form.</p> <p><i>F. Jean Tillery</i></p> <p>Signature of Authorized Representative F. JEAN TILLEY, STAFF ENG. TECH</p> <p>Name of Person and Title (type or print) PIONEER NATURAL RESOURCES USA, Inc.</p> <p>Operator</p> <p>Telephone: <u>972</u> - <u>969-3963</u></p> <p style="text-align: center;">Area Code</p>
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Railroad Commission Use Only:

Approved By: _____ Title: _____ Date: _____

* Designates items certified by company that conducted the inclination surveys.

RECORD OF INCLINATION (Continued from reverse side)

[illegible]

If additional space is needed, attach separate sheet and check here. ☐

REMARKS:

- INSTRUCTIONS -

An inclination survey made by persons or concerns approved by the Commission shall be filed on a form prescribed by the Commission for each well drilled or deepened with rotary tools or when, as a result of any operation, the course of the well is changed. No inclination survey is required on wells that are drilled and completed as dry holes that are plugged and abandoned. (Inclination surveys are required on re - entry of abandoned wells.) Inclination surveys must be made in accordance with the provisions of Statewide Rule 11.

This report shall be filed in the District Office of the Commission for the district in which the well is drilled; by attaching one copy to each appropriate completion for the well. (except Plugging Report)

The Commission may require the submittal of the original charts, graphs, or discs, resulting from the surveys.

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

ELECTRIC LOG
STATUS REPORT

FORM L-1

Tracking No.: 21794

This facsimile L-1 was generated electronically from data submitted to the RRC.

Instructions

When to File Form L-1:

- with Forms G-1, W-2, and GT-1 for new and deepened gas, oil, and geothermal wells
- with Form W-3 for plugged dry holes
- when sending in a log which was held under a request for confidentiality and the period for confidentiality has not yet expired.

When is Form L-1 NOT required:

- with Forms W-2, G-1, and GT-1 filed for injection wells, disposal wells, water supply wells, service wells, re-test wells, re-classifications, and plugbacks of oil, gas or geothermal wells
- with Form W-3 for plugging of other than a dry hole

Where to File Form L-1:

- with the appropriate Commission district office

Filling out Form L-1:

- Section I and the signature section must be filled out for all wells
- complete only the appropriate part of Section II

Type of log required:

- any wireline survey run for the purpose of obtaining lithology, porosity, or resistivity information
- no more than one such log is required but it must be of the subject well
- if such log is NOT run on the subject well, do NOT substitute any other type of log; just select Section II, Part A below

SECTION I. IDENTIFICATION

Operator Name: PIONEER NATURAL RES. USA, INC.	District No. 7C	Completion Date: 05/24/2011
Field Name SPRABERRY (TREND AREA)	Drilling Permit No. 702296	
Lease Name UNIVERSITY "2-20"	Lease/ID No. 16589	Well No. 6
County REAGAN	API No. 42- 383-36972	

SECTION II. LOG STATUS (Complete either A or B)

☐ A. BASIC ELECTRIC LOG NOT RUN

☒ B. BASIC ELECTRIC LOG RUN. (Select one)

- ☐ 1. Confidentiality is requested and a copy of the header for each log that has been run on the well is attached.
- ☐ 2. Confidentiality already granted on basic electric log covering this interval (applicable to deepened wells only).
- ☐ 3. Basic electric log covering this interval already on file with Commission (applicable to deepened wells only).
- ☒ 4. Log attached to (select one):

☒ (a) Form L-1 (this form). If the company/lease name on log is different from that shown in Section I, please enter name on log here: _____

Check here if attached log is being submitted after being held confidential. ☐

☐ (b) Form P-7, Application for Discovery Allowable and New Field Designation.

☐ (c) Form W-4, Application for Multiple Completion:

Lease or ID No(s). _____

Well No(s). _____

JEAN TILLERY

Signature

PIONEER NATURAL RES. USA, INC.

Name (print)

SR STAFF ENGINEERING TECH

Title

(972) 969-3963

Phone

06/28/2011

Date

-FOR RAILROAD COMMISSION USE ONLY-



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

Digital Map Location:

X-coord/Long **1560415**

Y-coord/Lat **584172**

Datum **27** Zone **C**

P-5# **665748**

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.

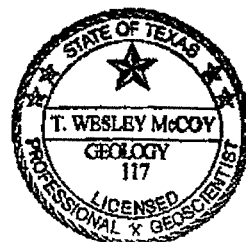
Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. Approval of the well completion methods for protection of this groundwater falls under the jurisdiction of the Railroad Commission of Texas. **This recommendation is intended for 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: c=US, st=Texas, l=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'

GEOLOGIST SEAL



T. Wesley McCoy, P.G.

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

(66)

30

19

(55)

S 88°46'06" E 5391.39'

PIONEER NATURAL RESOURCES

(65)

29

20

(56)

(64)

28

Fnd. Conc. Mon.

21

(57)

N 1°13'12" E 5329.12'

#1

4268'

EL 2667

#6

80
ACRES

1980'

S 1°12'38" W 5328.25'

University "2-20"

N 88°46'40" W 5389.04'

18

(54)

17

(53)

16

(52)

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.

X: 1560415.69

Latitude- 31°15'55.001"N

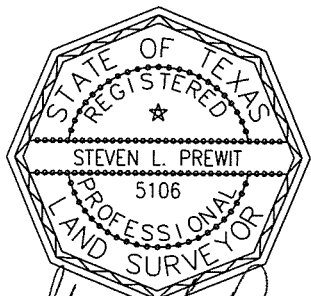
Y: 584172.60

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

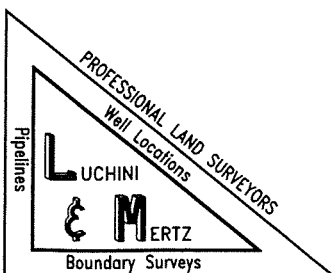
Scale: 1" = 1000'



Steven L. Prewit

June 21, 2010

100621D



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