

# RAILROAD COMMISSION OF TEXAS

Tracking No.: 1451

Status: Work in Progress

Oil and Gas Division

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

API No. 42- 461-36427

7. RRC District No.  
7C

8. RRC Lease No.  
16517

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

1. FIELD NAME (as per RRC Records or Wildcat) <b>SPRABERRY (TREND AREA)</b>		2. LEASE NAME <b>UNIVERSITY "3-26"</b>		9. Well No. <b>3</b>
3. OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report) <b>PIONEER NATURAL RES. USA, INC.</b>		RRC Operator No. <b>665748</b>		10. County of well site <b>UPTON</b>
4. ADDRESS <b>ATTN CINDY WHIDDON P O BOX 3178 MIDLAND, TX 79702-0000</b>				11. Purpose of filing Initial Potential <input checked="" type="checkbox"/> Retest <input type="checkbox"/> Reclass <input type="checkbox"/> Well record only (Explain in remarks) <input type="checkbox"/>
5. If Operator has changed within last 60 days, name former operator				
6a. Location (Section, Block, and Survey) <b>26 , 3 , UL</b>		6b. Distance and direction to nearest town in this county. <b>5.2 MILES NE FROM RANKIN</b>		Well #
12. If workover or reclass, give former field (with reservoir) & Gas ID or oil lease no. <b>FIELD &amp; RESERVOIR</b>		GAS ID or OIL LEASE #		
N/A				
13. Type of electric or other log run <b>Acceptable cased hole logs</b>		14. Completion or recompletion date <b>03/03/2010</b>		

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

15. Date of test <b>03/31/2010</b>	16. No. of hours tested <b>24</b>	17. Production method (Flowing, Gas Lift, Jetting, Pumping- Size & Type of pump) <b>Pumping</b>			18. Choke size
19. Production during Test Period	Oil - BBLS <b>28.0</b>	Gas - MCF <b>33</b>	Water - BBLS <b>200</b>	Gas - Oil Ratio <b>1178</b>	Flowing Tubing Pressure <b>PSI</b>
20. Calculated 24-Hour Rate	Oil - BBLS <b>28.0</b>	Gas - MCF <b>33</b>	Water - BBLS <b>200</b>	Oil Gravity-API-60° <b>43.4</b>	Casing Pressure <b>PSI</b>
21. Was swab used during this test? Ycs <input type="checkbox"/> No <input checked="" type="checkbox"/>		22. Oil produced prior to test (New & Reworked wells) <b>472.0</b>		23. Injection Gas-Oil Ratio <b>1179.0</b>	
REMARKS: NEW WELL - LOG BEING MAILED TO AUSTIN RRC					

**INSTRUCTIONS:** File an original and one copy of the completed Form W-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**

**04/13/2010**

Telephone: Area Code

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 <b>01/29/2010</b> PERMIT NO. <b>686024</b> Rule 37 Exception CASE NO. _____ Water Injection Permit PERMIT NO. _____ Salt Water Disposal Permit PERMIT NO. _____ Other PERMIT NO. _____			
26. Notice of Intention to Drill this well was filed in Name of <b>PIONEER NATURAL RES. USA, INC.</b>							
27. Number of producing wells on this lease in this field (reservoir) including this well <b>2</b>		28. Total number of acres in this lease <b>329.85</b>					
29. Date Plug Back, Deepening, Workover or Drilling Operations: <b>01/06/2010</b>		Commenced <b>01/19/2010</b>		Completed <b>2140.0</b>		30. Distance to nearest well, Same Lease & Reservoir	
31. Location of well, relative to nearest lease boundaries <b>467.0</b> Feet From <b>North</b> Line and <b>467.0</b> Feet from <b>West</b> Line of the <b>UNIVERSITY "3-26"</b> Lease							
32. Elevation (DF, RKB, RT, GR ETC.) <b>2627</b> <b>GL</b>				33. Was directional survey made other than inclination (Form W-12)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
34. Top of Pay <b>6714</b>		35. Total Depth <b>10265</b>		36. P. B. Depth <b>10249</b>		37. Surface Casing Determined by Field Rules <input type="checkbox"/> Recommendation of T.D.W.R. <input checked="" type="checkbox"/> Railroad Commission (Special) <input type="checkbox"/>	
38. Is well multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease of Gas ID No. <b>FIELD &amp; RESERVOIR</b> <b>N/A</b>				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 <b>LARIAT SERVICES, INC.</b>			
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	545		CLASS C 300	11	SURFACE	513.0
4 1/2	11.6	10265		CL H 50/50 POZ 1200	7 7/8	4004	1654.0
44. LINER RECORD							
Size	Top		Bottom		Sacks Cement		Screen
N/A							
45. TUBING RECORD							
Size	Depth Set	Packer Set	46. Producing Interval (this completion) Indicate depth of perforation or open hole				
2 3/8	6608		From	6714	To	7555	
			From	8070	To	8182	
			From	8364	To	10152	
			From		To		
47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
Depth Interval			Amount and Kind of Material Used				
6714.0			7555.0				
8070.0			8182.0				
8364.0			10152.0				
48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)							
Formations		Depth		Formations		Depth	
TOP UPPER SPRABERRY		6694.0		TOP WOLFCAMP		8184.0	
TOP LOWER SPRABERRY		7196.0					
TOP DEAN		8016.0					
REMARKS: NEW WELL - LOG BEING MAILED TO AUSTIN RRC							

Cementor: 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

Operator's Name (As shown on Form P-5, Organization Report) <b>PIONEER NATURAL RESOURCES USA, INC</b>		2. RRC Operator No. <b>665748</b>	3. RRC District No. <b>7C</b>	4. County of Well Site <b>Upton</b>
Field Name (Wildcat or exactly as shown on RRC records) <b>SPRABERRY (TREND AREA)</b>			6. API No. <b>42-461-36427</b>	7. Drilling Permit No. <b>686029</b>
Lease Name <b>University 3-26"</b>		9. Rule 37 Case No.	10. Oil Lease/Gas ID No. <b>16517</b>	11. Well No. <b>3</b>

Casing Cementing Data:	SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
			Single String	Multiple Parallel Strings	Tool	Shoe
1. Cementing Date	12/7/2009					
2. Drilling hole size	11"					
Est. % wash or hole enlargement						
3. Size of casing (in. O.D.)	8 5/8"					
4. Top of liner (ft.)						
5. Setting depth (ft.)	545'					
6. Number of centralizers used	3					
7. Hrs. waiting on cement before drill-out	12					
19. API cement used: No. of sacks	300					
Class	Class C					
Additives	REMARKS					
No. of sacks						
Class						
Additives						
No. of sacks						
Class						
Additives						
20. Slurry pumped: Volume (cu. ft.)	513					
Height (ft.)	2018					
Volume (cu. ft.)	0					
Height (ft.)	0					
Volume (cu. ft.)						
Height (ft.)						
Volume (cu. ft.)	513	0			0	0
Height (ft.)	2018	0			0	0
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?	Yes					
CLASS "C" + 4% D20 + 2% S001						
ad	0					
nd	0					
th	0					

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.

<u>Mac Pedlow</u>	<u>Schlumberger</u>	<u>[Signature]</u>
Name and title of cementer's representative	Cementing Company	Signature
<u>32 E. Industrial Loop</u>	<u>Midland, Texas 79701</u>	<u>(432) 683-1887</u>
Address	City, State, Zip Code	Tel.: Area Code Number
		Date: <u>7-Dec-09</u> 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.

<u>F. JEANTILERY</u>	<u>SR. STAFF ENGINEERING TECH</u>	<u>[Signature]</u>
Typed or printed name of operator's representative	Title	Signature
<u>5205 N. GUNNDR BLVD., #200, IRVING, TX 75039</u>	<u>972/969-3963</u>	<u>4/12/10</u>
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 operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

Cementor: Fill in shaded areas

Operator: Fill in other items

RAILROAD COMMISSION OF TEXAS  
Oil and Gas Division

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

1. Operator's Name (As shown on Form P-5, Organization Report) <b>Pioneer Natural Resources USA, Inc.</b>	2. RRC Operator No. <b>665748</b>	3. RRC District No. <b>7C</b>	4. County of Well Site <b>Upton</b>
5. Field Name (Wildcat or exactly as shown on RRC records) <b>Spraberry (Trend AREA)</b>	6. API No. <b>42-461-36127</b>	7. Drilling Permit No. <b>686027</b>	
8. Lease Name <b>University 3-26 "</b>	9. Rule 37 Case No.	10. Oil Lease/Gas ID No. <b>16517</b>	11. Well No. <b>3</b>

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				single string	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date				1/19/2010			
13. * Drilled 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.)				10265'			
17. Number of centralizers used				21			
18. Hrs. waiting on cement before drill out							
1st Slurry	19. API cement used: No. of sacks			640			
	Class			H			
	Additives			*			
2nd Slurry	No. of sacks			560			
	Class			H			
	Additives			**			
3rd Slurry	No. of sacks						
	Class						
	Additives						
1st	20. Slurry pumped: Volume (cu. ft.)			909			
	Height (ft.)			3989			
2nd	Volume (cu. ft.)			745			
	Height (ft.)			3269			
3rd	Volume (cu. ft.)						
	Height (ft.)						
Total	Volume (cu. ft.)			1654			
	Height (ft.)			7259			
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?				no			
22. Remarks							
1. * 50:50 Poz H + 5%D20 + 0.1%D65 + 0.2%D167 + 0.3%D800 + 3 pps D42 + 0.125 pps D130							
2. ** 50:50 Poz H + 2%D20 + 3%D44 + 2%D174 + 0.2%D167 + 0.2%D65 + 0.2%D800							

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.

**John D Owsley** **Field Specialist III**

Name and title of cementer's representative

**Schlumberger Well Services**

Cementing Company

Signature

**32 East Industrial Loop**

Address

**Midland, TX 79701**

City, State zip code

**(432) 683-1887**

Tel.: Area Code Number

**1/19/2010**

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.

**F. JEANTILERY**

Typed or printed name of operator's representative

**SR. STAFF ENGINEERING TECH**

Title

Signature

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

Address

City,

State

zip code

**972/969-3463**

Tel.: Area Code Number

**4/12/10**

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 Statewide 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;
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- \* 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.

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**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)  
FOD1296

<b>INCLINATION REPORT</b> (One Copy Must Be Filed With Each Completion Report)		6. RRC District <b>7C</b>
1. FIELD NAME (as per RRC Records or Wildcat) <b>SPRABERRY (TREND AREA)</b>	2. LEASE NAME <b>UNIVERSITY "3-26"</b>	7. RRC Lease Number. (Oil completions only) <b>16517</b>
3. OPERATOR <b>PIONEER NATURAL RESOURCES USA, INC.</b>		8. Well Number <b>3</b>
4. ADDRESS <b>5205 N. O'CONNOR BLVD., SUITE 200 IRVING, TX 75039-3647</b>		9. RRC Identification Number (Gas completions only)
5. LOCATION (Section, Block, and Survey) <b>SEC. 26, BLK. 3, UNIVERSITY LAND</b>		10. County <b>UPTON</b>

**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 x100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
545	5.45	0.50	0.87	4.74	4.74
903	3.58	0.50	0.87	3.11	7.85
1380	4.77	0.05	0.09	0.42	8.27
2352	9.72	0.75	1.31	12.73	21.00
2841	4.89	0.75	1.31	6.40	27.40
3780	9.39	1.00	1.75	16.43	43.83
4721	9.41	1.00	1.75	16.46	60.29
5700	9.79	1.00	1.75	17.13	77.42
6195	4.95	1.00	1.75	8.66	86.08
6667	4.72	1.00	1.75	8.26	94.34
7144	4.77	1.00	1.75	8.34	102.68
7644	5.00	1.00	1.75	8.75	111.43
8530	8.86	1.19	2.08	18.42	129.85
9495	9.65	0.80	1.40	13.51	143.36
9984	4.89	1.00	1.75	8.55	151.91

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 9984 feet = 151.91 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..... 467 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 the above question is "yes," attach written explanation of the circumstances.)

<b>INCLINATION DATA CERTIFICATION</b>  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 sides 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.  <u>J. Ross Kirtley</u> Signature of Authorized Representative <b>ROSS KIRTLEY, VP SERVICES</b> Name of Person and Title (type or print) <b>LARIAT SERVICES, INC.</b> Name of Company Telephone: <u>(405) 429-5506</u> Area Code	<b>OPERATOR CERTIFICATION</b>  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 presented on both sides of this form 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.  <u>F. Jean Tillery</u> Signature of Authorized Representative <b>F. JEAN TILLEY - SR. STAFF ENG TECH</b> Name of Person and Title (type or print) <b>PIONEER NATURAL RESOURCES USA, INC.</b> Operator Telephone: <u>972/ 969-3963</u> Area Code
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Railroad Commission Use Only:

Approved By: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

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



Texas Commission  
on Environmental Quality  
Surface Casing Program

# DEPTH OF USABLE-QUALITY GROUND WATER TO BE PROTECTED

Date October 16, 2009

TCEQ File No.: SC- 7819

API Number 46100000

RRC Lease No. 000000

Attention: DEBBIE BAKER

SC\_665748\_46100000\_000000\_7819.pdf

--Measured--

467 ft FWL

467 ft FNL

MRL: SECTION

PIONEER NATURAL RESOURCES  
5205 N OCONNOR BLVD  
IRVING TX 75039

P-5# 665748

Digital Map Location:

X-coord/Long 1523650

Y-coord/Lat 577151

Datum 27 Zone C

County UPTON

Lease & Well No. UNIVERSITY-3-26- #3

Purpose ND

Location SUR-UL, BLK-3, SEC-26, -- [TD=10600], [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 450 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](mailto:sc@tceq.state.tx.us), or by mail MC-151.

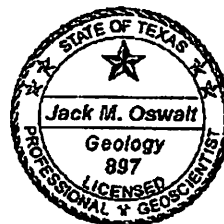
Sincerely,

Digitally signed by Jack M Oswalt  
DN: c=US, st=Texas, l=Austin,  
cn=Jack M Oswalt,  
email=joswalt@tceq.state.tx.us  
Date: 2009.10.16 12:01:48 -05'00'

**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 10/16/2009  
Note: Alteration of this electronic document will invalidate the digital signature.



## RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

ELECTRIC LOG  
STATUS REPORT

FORM L-1

Tracking No.: 1451

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. 7CCompletion  
Date: 03/03/2010Field  
Name SPRABERRY (TREND AREA)Drilling Permit  
No. 686024Lease  
Name UNIVERSITY "3-26"Lease/ID  
No. 16517Well  
No. 3County  
UPTONAPI  
No. 42- 461-36427

## 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

04/13/2010

Date

-FOR RAILROAD COMMISSION USE ONLY-

# Block 3, University Land

S 88°49'42" E 5390.01

(96)

24

(95)

23

(94)

22

25

(97)

PIONEER NATURAL RESOURCES

467' #3  
EL  
2627

80  
ACRES

2140'

#1

N 1°10'17" E 5324.94

26

(98)

Fnd. Univ Mon.

27

(99)

N 1°10'00" E 5328.41

36

(108)

S 88°47'30" E 5390.44

University "3-26"

35

(107)

34

(106)

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 26.

Note: Well location is approximately 5.2 miles northeast of Rankin.

#3

X: 1523649.71

Latitude - 31°14'40.709" N

Y: 577150.72

Longitude - 101°51'27.671" W

Railroad Commission Permit Plat

PIONEER NATURAL RESOURCES USA, Inc.

University "3-26" Lease

W/2 of

Section 26, Block 3,

University Land,

Upton County, Texas

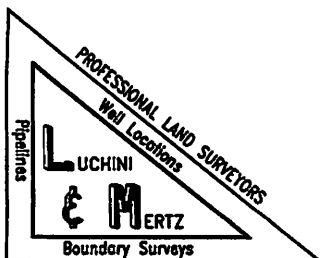
Scale: 1" = 1000'



Steven L. Prewit

October 2, 2009

09100282



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