

# RAILROAD COMMISSION OF TEXAS

Tracking No.: **48492**  
 Status: **Submitted**

Oil and Gas Division  
 This facsimile W-2 was generated electronically  
 from data submitted to the RRC.

API No. **42- 003-43661**

7. RRC District No.  
**08**

8. RRC Lease No.

## 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 "6-18A"</b>		9. Well No. <b>2</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>ANDREWS</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>18 , 6 , UL , A-U161</b>		6b. Distance and direction to nearest town in this county. <b>21.4 MILES NE FROM ANDREWS</b>			
12. If workover or reclass, give former field (with reservoir) & Gas ID or oil lease no. FIELD & RESERVOIR <b>N/A</b>			GAS ID or OIL LEASE #	Oil-0 Gas-G	Well #
13. Type of electric or other log run <b>Neutron logs</b>			14. Completion or recompletion date <b>03/05/2012</b>		

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

15. Date of test <b>05/04/2012</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>38.0</b>	Gas - MCF <b>24</b>	Water - BBLS <b>92</b>	Gas - Oil Ratio <b>631</b>	Flowing Tubing Pressure <b>PSI</b>	
20. Calculated 24-Hour Rate		Oil - BBLS <b>38.0</b>	Gas - MCF <b>24</b>	Water - BBLS <b>92</b>	Oil Gravity-API-60° <b>39.8</b>	Casing Pressure <b>PSI</b>	
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) <b>136.3</b>			23. Injection Gas-Oil Ratio	
REMARKS: <b>N/A</b>							

**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.

<b>WELL TESTERS CERTIFICATION</b> 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 _____

<b>OPERATOR'S CERTIFICATION</b> 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.		
<b>PIONEER NATURAL RES. USA, INC.</b> Type or printed name of operator's representative <b>(972) 969-4088</b> <b>07/09/2012</b> Telephone: Area Code      Number      Month      Day      Year		<b>ENGINEERING TECH</b> Title of Person <b>MECHELLE TESTA</b> 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 11/19/2011 PERMIT NO. 728066 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 PIONEER NATURAL RES. USA, INC.																			
27. Number of producing wells on this lease in this field (reservoir) including this well 1					28. Total number of acres in this lease 320.2														
29. Date Plug Back, Deepening, Workover or Drilling Operations: Commenced 12/29/2011 Completed 01/12/2012					30. Distance to nearest well, Same Lease & Reservoir 0.0														
31. Location of well, relative to nearest lease boundaries 2150.0 Feet From South Line and 467.0 Feet from West Line of the UNIVERSITY "6-18A" Lease																			
32. Elevation (DF. RKB, RT. GR ETC.) 3004 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 8480		35. Total Depth 11275		36. P. B. Depth 11258		37. Surface Casing Determined by Field Rules <input type="checkbox"/>		Recommendation of T.D.W.R. Railroad Commission (Special) <input type="checkbox"/>		<input checked="" type="checkbox"/> Dt. of Letter 12/02/2011									
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 or Gas ID No. FIELD & RESERVOIR N/A										GAS ID or OIL LEASE #		Oil-G Gas-G		Well #					
40. Intervals Drilled by:		Rotary Tools <input checked="" type="checkbox"/>		Cable Tools		41. Name of Drilling Contractor SENDERO DRILLING COMPANY										42. Is Cementing Affidavit Attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
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	32.0	1806		TRANS-TEX LITE C & CLASS C 670	11	0	1174.0												
5 1/2	17.0	11274		LITECRETE & CLASS H 50:50 POZ 1260	7 7/8	5100	2273.0												
LINER RECORD																			
Size	Top	Bottom	Sacks Cement	Screen															
N/A																			
TUBING RECORD										46. Producing Interval (this completion) Indicate depth of perforation or open hole									
Size	Depth Set	Packer Set	From	To															
2 7/8	8354		From 8513	To 9625															
			From 9692	To 9799															
			From 9867	To 10918															
			From 11082	To 11177															
47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																			
Depth Interval			Amount and Kind of Material Used																
8513.0		9625.0	380,809G 25# XLINK GEL; 628,883# MSD; 4500G 15% HCL ACID																
9692.0		9799.0	74,494G 20# XLINK GEL; 135,153# MSD; 1500G 15% HCL ACID																
9867.0		11177.0	629,126G 12# XL ASSIST GEL; 485,497# MSD; 7500G 15% HCL ACID																
48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)																			
Formations	Depth	Formations	Depth																
TOP UPPER SPRABERRY	8480.0	TOP WOLFCAMP	9832.0																
TOP LOWER SPRABERRY	9040.0	TOP STRAWN	11050.0																
TOP DEAN	9658.0																		
REMARKS: SPRABERRY (TREND AREA) PRODUCING INTERVAL IS 8513'-10918'. STRAWN PRODUCING INTERVAL IS 11082'-11177'. LOG BEING MAILED DIRECTLY TO RRC-AUSTIN.																			

Cementer: Fill In shaded areas  
Operator: Fill In other Items

Form W-15  
Cementing Report

RAILROAD COMMISSION OF TEXAS  
Oil and Gas Division

TRK # 48492

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>08</b>	4. County of Well Site <b>Andrews</b>
5. Field Name (Wildcat or Exactly as Shown on RRC Records) <b>SPRABERRY (TREND) AREA</b>		6. API No. <b>42-003-43661</b>		7. Drilling Permit No. <b>728066</b>
8. Lease Name <b>University 6-18A'</b>		9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well Number <b>#2</b>

CASING CEMENTING DATA:		SURFACE CASING	INTERMEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				SINGLE STRING	MULTIPLE PARALLEL STRINGS	TOOL	SHOE
12. Cementing Date		12/31/2011					
13. *Drilled Hole Size		11					
*Ext. % Wash or Hole Enlargement							
14. Size of Casing (in. O.D.)		8 5/8					
15. Top of Liner (ft)							
16. Setting Depth (ft)		1018	1806				
17. Number of Centralizers Used		11					
18. Hrs. Waiting on Cement Before Drill-Out		12					
1st Slurry	19. API Cement Used: No. of Sacks >	500					
	Class >	Trans-Tex Lite "C"					
	Additives >	2% Calcium Chloride, 1/4# Celloflake					
2nd Slurry	No. of Sacks >	170					
	Class >	Class "C"					
	Additives >	2% Calcium Chloride, 1/4# Celloflake					
3rd Slurry	No. of Sacks >						
	Class >						
	Additives >						
1st	20. Slurry Pumped: Volume (cu.ft.) >	950					
	Height (ft) >	3737					
2nd	Volume (cu.ft.) >	224					
	Height (ft) >	822					
3rd	Volume (cu.ft.) >						
	Height (ft) >						
Total	Volume (cu.ft.) >	1174					
	Height (ft) >	4559					
21. Was Cement Circulated to Ground Surface (or Bottom of Casing) Outside Casing?		Yes					
22. Remarks							
Circulated 171sks to surface.							

OVER →

API # 42-003-43661

TRK # 48492

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								

CEMENTERS 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.

Eloi Ortiz	Service Supervisor	Trans-tex Cementing Svcs.LLC.	Signature
Name and Title of Cementer's Representative		Cementing Company	
5019 Basin	Midland	TX.	79704
Address	City	State	Zip Code
			(432) 694-4900
			Tel: Area Code Number
			December 31, 2011
			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.

MECHELLE TESTA	ENGR TECH	Signature
Typed or Printed Name of Operators Representative		
5205 N. O'DONNOR BLVD	IRVING, TX 75039	972-969-4088
Address	City State Zip Code	Tel: Area Code Number
SUITE 200		07/09/2012
		Date: Mo. Day Yr.

#### Instruction 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;
- \* 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 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 applications, 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 12 (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 1000 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.

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

TRK #48492

1. Operator's Name (As shown on Form P-5, Organization Report) <b>Pioneer Natural Resources TM</b>	2. RRC Operator No. <b>665748</b>	3. RRC District No. <b>08</b>	4. County of Well Site <b>Andrews</b>
5. Field Name (Wildcat or exactly as shown on RRC records) <b>SPRABERRY (TREND AREA)</b>	6. API No. <b>42-003-43661</b>	7. Drilling Permit No. <b>728066</b>	
8. Lease Name <b>University '10-18A'</b>	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No. <b>6-18A'2 2</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				<b>1/11/2012</b>			
13. ●Drilling hole size				<b>7 7/8</b>			
●Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)				<b>5 1/2</b>			
15. Top of liner (ft.)							
16. Setting depth (ft.)				<b>11,274</b>			
17. Number of centralizers used				<b>30</b>			
18. Hrs. waiting on cement before drill-out							
1st Slurry	19. API cement used: No. of sacks ▶			<b>970</b>			
	Class ▶			<b>LeCrete</b>			
	Additives ▶			<b>Remarks</b>			
2nd Slurry	No. of sacks ▶			<b>290</b>			
	Class ▶			<b>50:50 POZ:H</b>			
	Additives ▶			<b>Remarks</b>			
3rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1st	20. Slurry pumped: Volume (cu. ft.) ▶			<b>1911</b>			
	Height (ft.) ▶			<b>11029</b>			
2nd	Volume (cu. ft.) ▶			<b>363</b>			
	Height (ft.) ▶			<b>2092</b>			
3rd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu. ft.) ▶			<b>2273</b>			
	Height (ft.) ▶			<b>13122</b>			
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?				<b>No</b>			

st .250%D65+ .6%D800+ .2% D207+.2%D046

nd 3%D20+ 3%D44+ 2%D174+ .2%D207+ .1%D65+ .3%D800+.2%D046

OVER ➡

API # 42-003-43661

TRK # 48492

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 Ousley, FS****Dowell Schlumberger**

Name and title of cementer's representative

Cementing Company

Signature

32 E. Industrial Loop

Midland, Texas 79701

(432) 683-1887

11-Jan-12

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.

**MECHELLE TESTA****ENGR TECH****Michelle Testa**

Typed or printed name of operator's representative

Title

Signature

5205 N. O'CONNOR BLVD.

IRVING, TX 75039

972-969-4088

07/04/2012

Address SUITE 200

City,

State, Zip Code

Tel.: Area Code Number

Date: /mo. /day yr.

### Instructions to Form W-15, Cementing Report

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

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**5. 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.**

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

**7. 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.

TRK # 48492

RAILROAD COMMISSION OF TEXAS  
OIL AND GAS DIVISIONForm W-12  
(1-1-71)  
FOD1296

API # 42-003-43661

INCLINATION REPORT (One Copy Must Be Filed With Each Completion Report)		
1. FIELD NAME (as per RRC Records or Wildcat) <b>SPRABERRY (TREND AREA)</b>	2. LEASE NAME <b>University '6-18A'</b>	6. RRC District <b>08</b>
3. OPERATOR <b>Pioneer Natural Resources USA, Inc.</b>		7. RRC Lease Number. (Oil completions only)
4. ADDRESS <b>5205 N. O'Conner Blvd., Suite 200 Irving, TX 75039</b>		8. Well Number <b>2</b>
5. LOCATION (Section, Block, and Survey) <b>SEC 18, BLK 16, UNIVERSITY LANDS, A-U161</b>		9. RRC Identification Number (Gas completions only)
		10. County <b>Andrews</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)
249	249	0.10	0.17	0.42	0.42
608	359	0.00	0.00	0.00	0.42
1108	500	0.90	1.57	7.85	8.27
1574	466	2.70	4.71	21.94	30.21
1809	235	3.50	6.11	14.35	44.56
1900	91	2.70	4.71	4.28	48.84
2089	189	2.40	4.19	7.91	56.75
2275	186	2.00	3.49	6.49	63.24
2743	468	1.90	3.32	15.53	78.77
3237	494	2.60	4.54	22.42	101.19
3585	348	2.20	3.84	13.36	114.55
4114	529	2.20	3.84	20.31	134.86
4647	533	2.00	3.49	18.60	153.46
5147	500	2.00	3.49	17.45	170.91
5644	497	1.40	2.44	12.12	183.03

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 11275 feet = 295.49 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.)

## INCLINATION DATA CERTIFICATION

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.

Signature of Authorized Representative

**Kirk Cleere, President**

Name of Person and Title (type or print)

**Sendero Drilling Company**

Name of Company

Telephone: **325-655-7641**

Area Code

## OPERATOR CERTIFICATION

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.

Signature of Authorized Representative

**MECHELLE TESTA, ENGR TECH**

Name of Person and Title (type or print)

**PIONEER NATURAL RESOURCES USA, INC.**

Operator

Telephone: **972-969-4088**

Area Code

Railroad Commission Use Only:

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

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

TRK # 48492

## 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.: 48492

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. 08	Completion Date: 03/05/2012
Field Name SPRABERRY (TREND AREA)	Drilling Permit No. 728066	
Lease Name UNIVERSITY "6-18A"	Lease/ID No.	Well No. 2
County ANDREWS	API No. 42- 003-43661	

## 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). \_\_\_\_\_

MECHELLE TESTA

Signature

PIONEER NATURAL RES. USA, INC.

Name (print)

ENGINEERING TECH

Title

(972) 969-4088

Phone

07/09/2012

Date

-FOR RAILROAD COMMISSION USE ONLY-

CERTIFICATE OF COMPLIANCE  
AND TRANSPORTATION AUTHORITY

P-4

This facsimile P-4 was generated electronically from data submitted to the RRC.  
A certification of the automated data is available in the RRC's Austin office.

Tracking No.: 48492

1. Field name exactly as shown on proration schedule <b>SPRABERRY (TREND AREA)</b>		2. Lease name as shown on proration schedule <b>UNIVERSITY "6-18A"</b>					
3. Current operator name exactly as shown on P-5 Organization Report <b>PIONEER NATURAL RES. USA, INC.</b>		4. Operator P-5 no. <b>665748</b>	5. Oil Lse/Gas ID no	6. County <b>ANDREWS</b>	7. RRC district <b>08</b>		
8. Operator address including city, state, and zip code <b>ATTN CINDY WHIDDON P O BOX 3178 MIDLAND, TX 79702</b>		9. Well no(s) <i>(see instruction E)</i> <b>2</b>					
		10. Classification <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Gas <input type="checkbox"/> Other <i>(see instruction A)</i>			11. Effective Date <b>03/05/2012</b>		
12. Purpose of Filing. (Complete section a or b below.) <i>(See instructions B and G)</i> <b>a. Change of:</b> <input type="checkbox"/> operator <input type="checkbox"/> oil or condensate gatherer <input type="checkbox"/> gas gatherer <input type="checkbox"/> gas purchaser <input type="checkbox"/> gas purchaser system code <input type="checkbox"/> field name from _____ <input type="checkbox"/> lease name from _____ <b>OR</b> <b>b. New RRC Number for:</b> <input checked="" type="checkbox"/> oil lease <input type="checkbox"/> gas well <b>Due to:</b> <input checked="" type="checkbox"/> new completion or recompletion <input type="checkbox"/> reclass oil to gas <input type="checkbox"/> reclass gas to oil <input type="checkbox"/> other well (specify) _____ <input type="checkbox"/> consolidation, unitization, or subdivision (oil lease only)							
13. Authorized GAS WELL GAS or CASINGHEAD GAS Gatherer(s) and/or Purchaser(s). <i>(See instruction G).</i>							
Gatherer	Purchaser	Name of GAS WELL GAS or CASINGHEAD GAS Gatherer(s) or Purchaser(s) As Indicated in Columns to the Left <i>(Attach an additional sheet in same format if more space is needed)</i>			Purchaser's RRC Assigned System Code	Percent of Take	Full-well stream
X	X	DCP MIDSTREAM, LP(195918)			0001	100.0	
14. Authorized OIL or CONDENSATE Gatherer(s). <i>(See instruction G).</i>							
Name of OIL or CONDENSATE Gatherer(s) - List Highest Volume Gatherer First <i>(Attach an additional sheet in same format if more space is needed)</i>						Percent of Take	
PLAINS MARKETING, L.P.(667883)						100.0	
<b>RRC USE ONLY:</b> Reviewer's initials: _____ Approval date: _____							
15. <b>PREVIOUS OPERATOR CERTIFICATION FOR CHANGE OF OPERATOR P-4 FILING.</b> Being the PREVIOUS OPERATOR, I certify that operating responsibility for the well(s) designated in this filing, located on the subject lease has been transferred in its entirety to the above named Current Operator. I understand, as Previous Operator, that designation of the above named operator as Current Operator is not effective until this certificate is approved by the Commission.							
Name of Previous Operator _____ Name (print) _____ Title _____				Signature <input type="checkbox"/> Authorized Employee of previous operator <input type="checkbox"/> Authorized agent of previous operator <i>(see instruction G)</i> _____ Date _____ Phone with area code _____			
16. <b>CURRENT OPERATOR CERTIFICATION.</b> By signing this certificate as the Current Operator, I certify that all statements on this form are true and correct and I acknowledge responsibility for the regulatory compliance of the subject lease including plugging of well(s) pursuant to Rule 14. I further acknowledge that I assume responsibility for the physical operation, control, and proper plugging of each well designated in this filing. I also acknowledge that I will remain designated as the Current Operator until a new certificate designating a new Current Operator is approved by the Commission.							
PIONEER NATURAL RES. USA, INC. Name (print) ENGINEERING TECH Title mechelle.testa@pxd.com E-mail Address (optional)				MECHELLE TESTA Signature <input type="checkbox"/> Authorized Employee of current operator <input type="checkbox"/> Authorized agent of current operator <i>(see instruction G)</i> 07/09/2012 (972) 969-4088 Date Phone with area code			

STATEMENT OF PRODUCTIVITY OF ACREAGE  
ASSIGNED TO PRORATION UNITS

Form P-15

Tracking No.: 48492

This facsimile P-15 was generated electronically  
from data submitted to the RRC.

The undersigned states that he is authorized to make this statement; that he has knowledge of the facts concerning the PIONEER NATURAL RES. USA, INC. ,

OPERATOR

UNIVERSITY "6-18A"

LEASE

No. 2

WELL

; that such well is

completed in the SPRABERRY (TREND AREA) Field, ANDREWS County,

Texas and that the acreage claimed, and assigned to such well for proration purposes as authorized by special rule and as shown on the attached certified plat embraces \_\_\_\_\_

80.0 acres which can reasonably be considered to be productive of hydrocarbons.

- CERTIFICATE -

*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,*

Date 07/09/2012 Signature MECHELLE TESTA

Telephone (972) 969-4088 Title ENGINEERING TECH  
AREA CODE

Groundwater  
Advisory Unit

GROUNDWATER PROTECTION DETERMINATION

Date December 2, 2011

GAU File No.: SC- 14848

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

API Number 00300000

Attention: F JEAN TILLERY

RRC Lease No. 000000

SC\_665748\_00300000\_000000\_14848.pdf

--Measured--

PIONEER NATURAL RESOURCES  
5205 N OCONNOR BLVD  
STE 200  
IRVING TX 75039

467 ft FWL

2150 ft FSL

MRL: SURVEY

Digital Map Location:

X-coord/Long 534124

Y-coord/Lat 334228

Datum 27 Zone NC

P-5# 665748

County ANDREWS

Lease & Well No. UNIVERSITY 6-18A #2

Purpose ND

Location SUR-UL, BLK-6, SEC-18, -- [TD=11800], [RRC 8],


To protect usable-quality groundwater at this location, the Groundwater Advisory Unit of the Texas Railroad Commission recommends:

The interval from the land surface to a depth of 250 feet and the ZONE from 1400 feet to 1750 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. 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 512-463-2741, [gau@rrc.state.tx.us](mailto:gau@rrc.state.tx.us), or by mail.

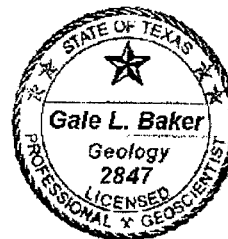
Sincerely,



Digitally signed by Gale Baker  
DN: c=US, st=TEXAS, l=Austin, o=Railroad  
Commission of Texas, cn=Gale Baker,  
email=gale.baker@rrc.state.tx.us  
Date: 2011.12.02 10:23:21 -06'00'

Gale L. Baker, P.G.

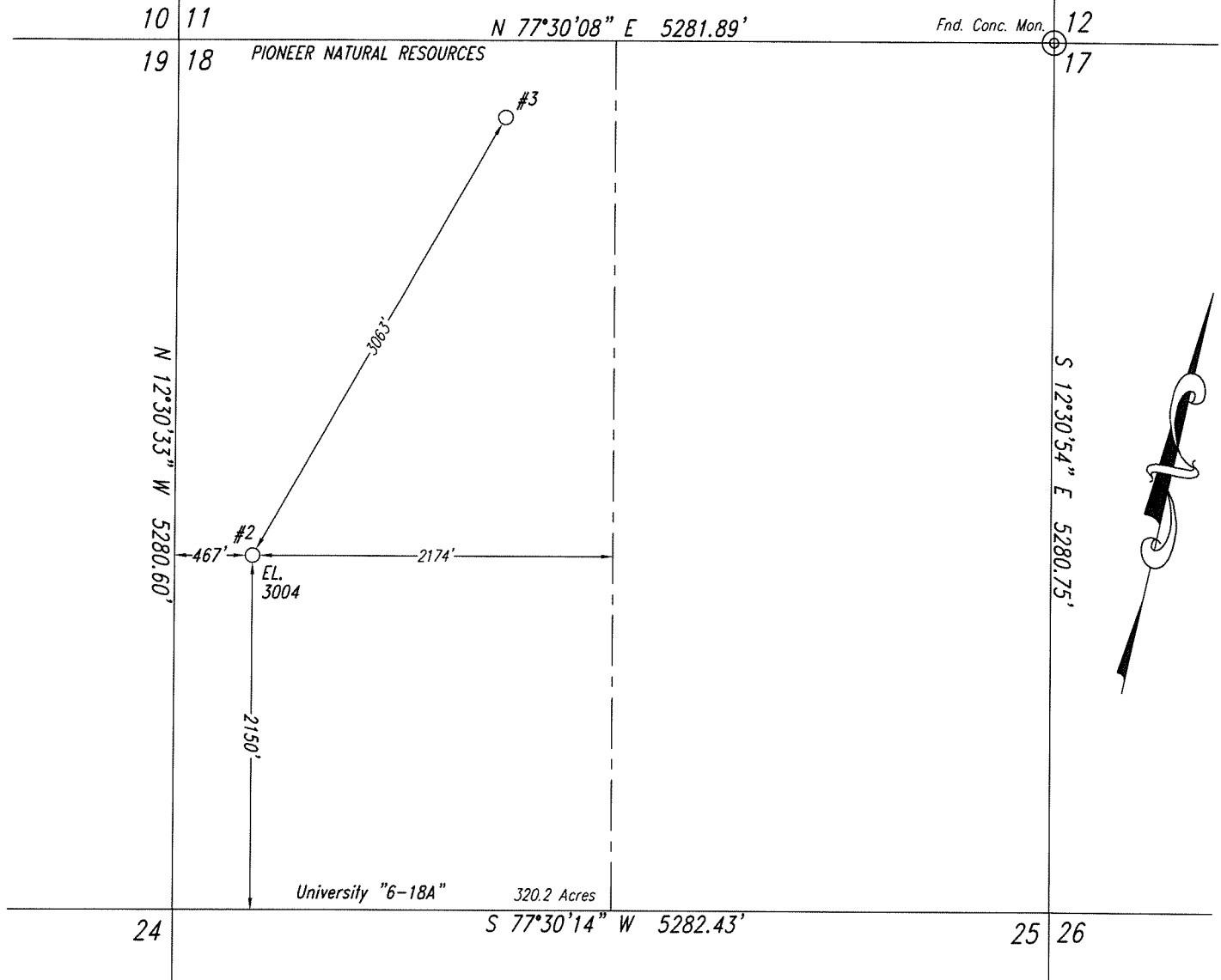
GEOLOGIST SEAL



Geologist, Groundwater Advisory Unit  
Oil & Gas Division

The seal appearing on this document was authorized by Gale L. Baker on 12/2/2011.  
Note: Alteration of this electronic document will invalidate the digital signature.

Block 6  
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, North Central Zone.*

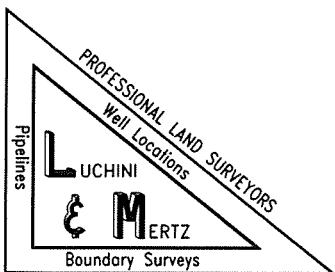
*A combined grid factor of 0.999775899 must be divided into Section Line distances to obtain a true horizontal distance.*

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

*Note: NAD '27 Coordinates & NAD '83 Decimal Latitude/Longitude on well location in Section 18.*

*Note: Well location is approximately 21.4 miles northeast of Andrews.*

#2  
X: 534124.77      Latitude-32.49425429°N  
Y: 334228.34      Longitude-102.25639630°W  
Latitude-32°29'38.95"N Longitude-102°15'21.45"W



October 3, 2011

111003CW1

Railroad Commission Permit Plat

PIONEER NATURAL RESOURCES USA, Inc.  
University "6-18A" Lease  
W/2 of  
Section 18, Block 6,  
University Land,  
Andrews County, Texas

Scale: 1" = 1000'