

## RAILROAD COMMISSION OF TEXAS

Tracking No.: 30133  
Status: Submitted

Oil and Gas Division

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

API No. 42- 003-42680

7. RRC District No.  
**08**

8. RRC Lease No.  
**38630**

### 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 "7-8"</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>8 , 7 , UL</b>			6b. Distance and direction to nearest town in this county. <b>17.2 MILES NORTHWEST OF ANDREWS</b>		
12. If workover or reclass, give former field (with reservoir) & Gas ID or oil lease no. <b>N/A</b>				GAS ID or OIL LEASE #	Oil-O Gas-G
13. Type of electric or other log run <b>Acceptable cased hole logs</b>				14. Completion or recompletion date <b>05/31/2011</b>	

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

15. Date of test <b>10/05/2011</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>44.0</b>	Gas - MCF <b>46</b>	Water - BBLS <b>37</b>	Gas - Oil Ratio <b>1045</b>	Flowing Tubing Pressure <b>PSI</b>
20. Calculated 24-Hour Rate	Oil - BBLS <b>44.0</b>	Gas - MCF <b>46</b>	Water - BBLS <b>37</b>	Oil Gravity-API-60° <b>42.6</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>1417.3</b>		23. Injection Gas-Oil Ratio <b>1045.45</b>	
REMARKS: N/A					

**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) 969-3643**

Telephone: Area Code

Number

**10/26/2011**

Month Day Year

**ENGINEERING TECH**

Title of Person

**NORMA DONOVAN**

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: 02/18/2011 PERMIT NO.: 710456 Rule 37 Exception Water Injection Permit Salt Water Disposal Permit Other: 02/18/2011				
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 2			28. Total number of acres in this lease 640.0						
29. Date Plug Back, Deepening, Workover or Drilling Operations: Commenced: 03/05/2011 Completed: 03/22/2011		30. Distance to nearest well, Same Lease & Reservoir 1513.0							
31. Location of well, relative to nearest lease boundaries 1980.0 Feet From North West Line of the UNIVERSITY "7-8"				Line and 1980.0 Feet from Lease					
32. Elevation (DF, RKB, RT, GR ETC.) 2991 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 8492		35. Total Depth 11398		36. P. B. Depth 11383		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"/>		Dt. of Letter 02/25/2009	
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-0 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		
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	32.0	1757		LIGHT PREM & PREM PLUS 715	11	SURFACE	1249.6		
4 1/2	11.6	11398		CLASS 50/50 POZ 1000	7 7/8	5988	1334.5		
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	8370		From 8492	To 9397					
			From 9612	To 9748					
			From 9839	To 10836					
			From 10991	To 11036					
47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.									
Depth Interval	Amount and Kind of Material Used								
8492.0 - 9397.0	317,572G 25# XLINK GEL; 316,370# 16/30 & 182,429# 20/40 BRADY SD; 3000G 15% HCL								
9612.0 - 9748.0	103,822G 15# XLINK GEL; 167,860# 20/40 BRADY SD; 1500G 15% HCL								
9839.0 - 10836.0	168,583G 15# & 174,998G 12# XL ASSIT GEL; 362,154G 12# LINEAR GEL; 558,648# 30/50 BRADY SD; 6000G 15% HCL								
10991.0 - 11036.0	73,733G 13# XLINK GEL; 967# 30/50 BRADY SD; 1500G 15% HCL								
48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)									
Formations	Depth	Formations	Depth						
TOP UPPER SPRABERRY	9447.0	TOP OF WOLFCAMP	9752.0						
TOP LOWER SPRABERRY	8972.0	STRAWN	10989.0						
TOP OF DEAN	9625.0								
REMARKS: THIS WELL HAS A SWR 10 EXCEPTION EFFECTIVE 04/04/2011 PRODUCTIVE INTERVAL FOR SPBY (TA) FIELD IS 8492'-10836'. PRODUCTIVE INTERVAL FOR STRAWN IS 10991'-11036'.									

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

**RAILROAD COMMISSION OF TEXAS**  
Oil and Gas Division

1. Operator's Name (As Shown on Form P-5, Organization Report) <i>Pioneer Natural Resources USA, Inc</i>		2. RRC Operator No. <i>665748</i>	3. RRC District No. <i>08</i>	4. County of Well Site <i>Andrews</i>
5. Field Name (Wildcat or Exactly as Shown on RRC Records) <i>Spraberry trend Area</i>			6. API No. <i>42-003-42680</i>	7. Drilling Permit No. <i>710456</i>
8. Lease Name <i>University "78"</i>		9. Rule 37 Case No.	10. Oil Lease/Gas ID No. <i>38630</i>	11. Well No. <i>2</i>

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date		<i>3/6/2011</i>					
13. *Drilled hole size		<i>11</i>					
*Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)		<i>8 5/8</i>					
15. Top of liner (ft)							
16. Setting depth (ft)		<i>1764</i>					
17. Number of centralizers used		<i>7</i>					
18. Hrs. waiting on cement before drill-out		<i>12</i>					
1st Slurry	19. API cement used: No. of sacks ▶	<i>550</i>					
	Class ▶	<i>ECONOCEM</i>					
	Additives ▶	<i>REMARKS</i>					
2nd Slurry	No. of sacks ▶	<i>165</i>					
	Class ▶	<i>HALCEM</i>					
	Additives ▶	<i>REMARKS</i>					
3rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1st	20. Slurry pumped: Volume (cu.ft.) ▶	<i>1028.5</i>					
	Height (ft.) ▶	<i>4041.7</i>					
2nd	Volume (cu.ft.) ▶	<i>221.1</i>					
	Height (ft.) ▶	<i>810.5</i>					
3rd	Volume (cu.ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu.ft.) ▶	<i>1249.6</i>					
	Height (ft.) ▶	<i>4852.2</i>					
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?		<i>YES</i>					

22. Remarks  
**LEAD SLURRY ECONOCEM PREM. PLUS., 3% SALT, .25LBM. PHENOSEAL, 5 LBM. GILSONITE**  
**TAIL SLURRY, PREM. PLUS. HALCEM-C 1% CALCIUM CHLORIDE**  
**CIRCULATED 240 SKS TO SURFACE.**

**Sales Order** 8004488  
**Customer Name**  
 PIONEER NATURAL RES USA INC-EE  
**Lease**  
 University 7-8  
**Well Number** 2  
 Andrews **County**

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.

FRANK KARNES SERVICE SUPERVISOR                      Halliburton Energy Services  
Name and Title of Cementor's Representative                      Cementing Company                      [Signature]  
Signature

6155 W. MURPHY ST.                      ODESSA TX.                      79763                      1-800-844-8451                      3/6/2011  
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.

Norma Donovan                      Eng Tech                      [Signature]  
Typed or Printed Name of Operator's Representative                      Title                      Signature

5205 W O'Connor Blvd Irving TX                      75039                      972-969-3643                      10-25-11  
Address                      City,                      State,                      Zip Code                      Tel: Area Code                      Number                      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 \*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.

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

**RAILROAD COMMISSION OF TEXAS**  
Oil and Gas Division

1. Operator's Name (As Shown on Form P-5, Organization Report) <i>Pioneer Natural Resources USA Inc</i>	2. RRC Operator No. <i>665748</i>	3. RRC District No. <i>08</i>	4. County of Well Site <i>Andrews</i>
5. Field Name (Wildcat or Exactly as Shown on RRC Records) <i>Spraberry (Trend Area)</i>		6. API No. <i>42-003-42680</i>	7. Drilling Permit No. <i>710456</i>
8. Lease Name <i>University "7-8"</i>	9. Rule 37 Case No.	10. Oil Lease/Gas ID No. <i>38630</i>	11. Well No. <i>2</i>

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date				<i>3/22/2011</i>			
13. *Drilled hole size				<i>7 7/8"</i>			
*Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)				<i>4 1/2"</i>			
15. Top of liner (ft)							
16. Setting depth (ft)				<i>11,398</i>			
17. Number of centralizers used				<i>31</i>			
18. Hrs. waiting on cement before drill-out							
1st Slurry	19. API cement used: No. of sacks ▶			<i>575</i>			
	Class ▶			<i>VERSACEM-H</i>			
	Additives ▶			<i>REMARKS</i>			
2nd Slurry	No. of sacks ▶			<i>425</i>			
	Class ▶			<i>VERSACEM-H</i>			
	Additives ▶			<i>REMARKS</i>			
3rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1st	20. Slurry pumped: Volume (cu.ft.) ▶			<i>782</i>			
	Height (ft.) ▶			<i>3431</i>			
2nd	Volume (cu.ft.) ▶			<i>552.5</i>			
	Height (ft.) ▶			<i>2420</i>			
3rd	Volume (cu.ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu.ft.) ▶			<i>1334.5</i>			
	Height (ft.) ▶			<i>5851</i>			
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?				<i>NO</i>			
22. Remarks <i>Lead SLURRY .7%HALAD@-9, 1%WG-19 3LBM PHENO SEAL MEDIUM TAIL SLURRY .8%HALAD@-9, 3%MICROBOND,3% SALT</i>						Sales Order <i>8022882</i> Customer Name <i>PIONEER NATURAL RES USA INC-EE</i> Lease <i>University 7-8</i> Well Number <i>2</i> Andrews County	

CEMENTING TO PLUG AND ABANDON	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
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24. Size of hole or pipe plugged (in.)								
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26. Sacks of cement used (each plug)								
27. Slurry volume pumped (cu.ft.)								
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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.

FRANK KARNES SERVICE SUPERVISOR  
Name and Title of Cementer's Representative

Halliburton Energy Services  
Cementing Company

  
Signature

6155 W. MURPHY ST. ODESSA TX. 79763  
Address City State, Zip Code

1-800-844-8451  
Tel: Area Code Number

3/22/2011  
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.

Norma Donovan  
Typed or Printed Name of Operator's Representative

Eng Tech  
Title

  
Signature

5205 N O'Connor IRVING TX 75039  
Address City, State, Zip Code

972/9164-3643  
Tel: Area Code Number

10-25-11  
Date: Mo. Day Yr.

**Instruction to Form W-15, Cementing Report**

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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.



Texas Commission  
on Environmental Quality  
Surface Casing Program

**DEPTH OF USABLE-QUALITY GROUND WATER TO BE PROTECTED**

Date **February 25, 2009**

TCEQ File No.: SC- **13011**

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

API Number **00300000**

Attention: **DEBBIE BAKER**

RRC Lease No. **927214**

**SC\_665748\_00300000\_927214\_13011.pdf**

**PIONEER NATURAL RESOURCES USA  
5205 N O'CONNOR BLVD  
IRVING TX 75039**

**P-5# 665748**

--Measured--

1980 ft FWL

1980 ft FNL

MRL: SECTION

Digital Map Location:

X-coord/Long **526745**

Y-coord/Lat **301322**

Datum **27** Zone **NC**

County **ANDREWS**

Lease & Well No. **UNIVERSITY-7-8- #2**

Purpose **ND**

Location **SUR-UL,BLK-7,SEC-8,--[TD=10800],[RRC 8],**


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

**The interval from the land surface to a depth of 275 feet  
and the zone from 1300 feet to 1700 feet must be protected.**

Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. Approval of the well completion methods for protection of this groundwater falls under the jurisdiction of the Railroad Commission of Texas. **This recommendation is intended for normal drilling, production, and plugging operations only. It does not apply to saltwater disposal operation into a nonproductive zone (RRC Form W-14).**

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

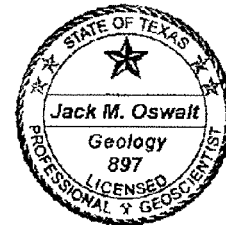
Sincerely,

  
Digitally signed by Jack M Oswalt  
DN: cn=US, st=Texas, I=Austin, ou=Surface  
Casing, o=Texas Commission on  
Environmental Quality, cn=Jack M Oswalt,  
email=joswalt@tceq.state.tx.us  
Date: 2009.02.25 07:11:18 -06'00'

**Jack M. Oswalt, P.G.**

Geologist, Surface Casing Team  
Waste Permits Division

GEOLOGIST SEAL



The seal appearing on this document was authorized by Jack M. Oswalt on 2/25/2009  
Note: Alteration of this electronic document will invalidate the digital signature.

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>08</b>
1. FIELD NAME (as per RRC Records or Wildcat)		7. RRC Lease Number. (Oil completions only) <b>38630</b>
2. LEASE NAME <b>University "7-8"</b>		8. Well Number <b>2</b>
3. OPERATOR <b>Pioneer Natural Resources USA, Inc.</b>		9. RRC Identification Number (Gas completions only)
4. ADDRESS <b>5205 N. O'Conner Blvd., Suite 200 Irving, TX 75039</b>		10. County <b>Andrews</b>
5. LOCATION (Section, Block, and Survey) <b>Section 8, Block 7, University Land Survey</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)
500	500	0.40	0.70	3.50	3.50
1000	500	0.80	1.40	7.00	10.50
1500	500	0.70	1.22	6.10	16.60
1764	264	0.50	0.87	2.29	18.89
2264	500	0.10	0.17	0.85	19.74
2753	489	0.50	0.87	4.25	23.99
3253	500	0.30	0.52	2.60	26.59
3753	500	0.60	1.05	5.25	31.84
4253	500	0.30	0.52	2.60	34.44
4753	500	0.60	1.05	5.25	39.69
5253	500	0.60	1.05	5.25	44.94
5753	500	0.40	0.70	3.50	48.44
6251	498	0.10	0.17	0.84	49.28
6751	500	0.20	0.35	1.75	51.03
7252	501	0.40	0.70	3.50	54.53

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 11398 feet = 90.43 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..... 1980 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.)

<p><b>INCLINATION DATA CERTIFICATION</b></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 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.</p> <p><i>Kirk Cleere</i> _____ Signature of Authorized Representative <b>Kirk Cleere, President</b> Name of Person and Title (type or print) <b>Sendero Drilling Company</b> Name of Company Telephone: <u>325-655-7641</u> Area Code</p>	<p><b>OPERATOR CERTIFICATION</b></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 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.</p> <p><i>Norma Donovan</i> _____ Signature of Authorized Representative <b>Norma Donovan</b> Name of Person and Title (type or print) <b>Pioneer Natural Resources</b> Operator Telephone: <u>972-969-3643</u> 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.

Tracking No.: 30133

*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: 05/31/2011
Field Name SPRABERRY (TREND AREA)	Drilling Permit No. 710456	
Lease Name UNIVERSITY "7-8"	Lease/ID No. 38630	Well No. 2
County ANDREWS	API No. 42- 003-42680	

**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:

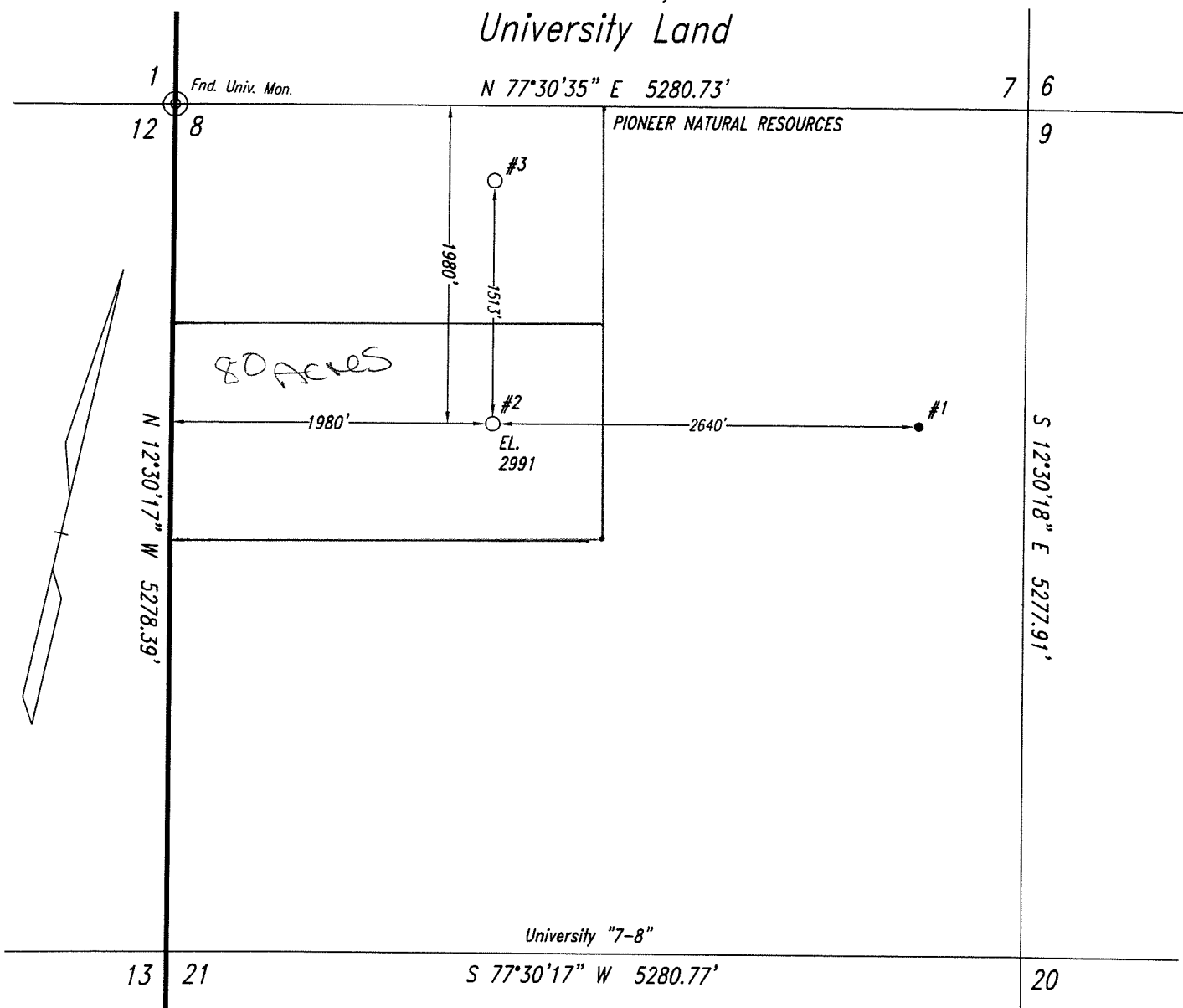
Lease or ID No(s). \_\_\_\_\_

Well No(s). \_\_\_\_\_

<p>_____ Signature PIONEER NATURAL RES. USA, INC. _____ Name (print)</p>	<p>_____ ENGINEERING TECH Title (972) 969-3643 _____ Phone 10/26/2011 _____ Date</p>
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-FOR RAILROAD COMMISSION USE ONLY-

# Block 7, University Land

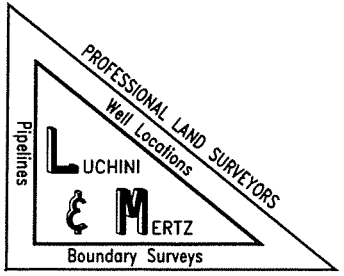


Note: Survey Reconstruction filed in the Office of Luchini and Mertz Land Surveying Company.  
 Note: All bearings and coordinates shown are based on the Texas Coordinate System of 1927, North Central Zone.  
 A combined grid factor of 0.9997964 must be divided into Section Line distances to obtain a true horizontal distance.  
 Note: Example: (S-99999) indicates General Land Office file number.  
 Note: NAD '27 Coordinates & NAD'83 Latitude/Longitude on well location in Section 8.  
 Note: Well location is approximately 17.2 miles northeast of Andrews.

#2  
 X: 526744.79      Latitude - 32.40297690° N  
 Y: 301322.19      Longitude - 102.27545458° W  
 Latitude - 32°24'10.337" N      Longitude - 102°16'30.076" W



*Steven L. Prewit*  
 September 17, 2010  
 10091701



Railroad Commission Permit Plot

**PIONEER NATURAL RESOURCES USA, Inc.**  
 University "7-8" Lease  
 all of  
 Section 8, Block 7,  
 University Land,  
 Andrews County, Texas

Scale: 1" = 1000'