

RAILROAD COMMISSION OF TEXAS  
OIL AND GAS DIVISION

Job #2014-7379

API No. (if available)  
42- 461353321. RRC District  
7CFILE IN DUPLICATE WITH DISTRICT OFFICE OF DISTRICT IN WHICH  
WELL IS LOCATED WITHIN THIRTY DAYS AFTER PLUGGING4. RRC Lease or ID  
Number 16382

2. FIELD NAME (as per RRC records)

Spraberry (Trend Area)

3. Lease Name

University 3-16

5. Well Number  
1

6. OPERATOR

Pioneer Natural Resources USA, Inc.

6a. Original Form W-1 filed in name of:

Pioneer Natural Resources USA Inc

10. County  
Upton

7. ADDRESS

5205 N. O'Conner Blvd., Ste. 200, Irving, Tx 75039

6b. Any subsequent W-1's filed in name of:

11. Date Drilling Permit Issued  
4.18.078. Location of well, relative to nearest lease boundaries  
of lease on which this well is located1980 feet from S line and 1980 feet from  
W line of the University 3-16 lease12. Permit Number  
637083

9a. SECTION, BLOCK and SURVEY

16, 3, University Lands

9b. Distance and direction from nearest town in this county

8 mi. NE from Rankin

13. Date Drilling Commenced  
5-23-0716. Type Well (oil, gas,  
or dry) oilTotal Depth  
10,284'

If multiple completion list all field names and oil lease or gas id no.'s

Gas ID or  
Oil Lease #Oil - O  
Gas - G

Well #

14. Date Drilling Completed  
6-7-0718. If gas, amt. of cond. on  
head at time of plugging15. Date Well Plugged  
9/9/14

## CEMENTING TO PLUG AND ABANDON DATA:

	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
*19. Cementing Date	9/3/14	9/4/14	9/4/14	9/8/14	9/8/14	9/8/14	9/9/14	
20. Size of Hole or Pipe in which Plug Placed (inches)	4 1/2	4 1/2	4 1/2	7 7/8	8 5/8	8 5/8	8 5/8	
21. Depth to Bottom of Tubing or Drill Pipe (ft.)	5600'	4100'	3000'	1000'	601'	577'	32'	
*22. Sacks of Cement Used (each plug)	40	35	75	45	85	85	10	
*23. Slurry Volume Pumped (cu. ft.)	52.8'	46.2'	99'	59.4'	112.2'	112.2'	13.2'	
*24. Calculated Top of Plug (ft.)	5000'	3570'	—	—	—	—	—	
25. Measured Top of Plug (if tagged) (ft.)	—	—	2792'	900'	577'	394'	surf	
*26. Slurry Wt. # / Gal.	14.8	14.8	14.8	14.8	14.8	14.8	14.8	
*27. Type Cement	C	C	C	C	C	C	C	

## 28. CASING AND TUBING RECORD AFTER PLUGGING

29. Was any non-drillable material (other than casing) left in this well? ☐ Yes ☐ No

SIZE	WT. # / FT.	PUT IN WELL (ft.)	LEFT IN WELL (ft.)	HOLE SIZE (in.)
8 5/8	23+24	551'	551'	11
4 1/2	11.6	10,282'	8062'	7 7/8

29a. If answer to above is "Yes" state depth to top of "junk" left in hole and briefly describe non-drillable material. (Use reverse side of form if more space is needed.)

## 30. LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS

FROM 8402'	TO 10,242'	FROM	TO
FROM 8092'	TO 8177'	FROM	TO
FROM 6719'	TO 7587'	FROM	TO
FROM 4 spf 2999'	TO 3000' sqz holes	FROM	TO
FROM	TO	FROM	TO

I have knowledge that the cementing operations, as reflected by the information found on this form, were performed as indicated by such information.

\* Designates items to be completed by Cementing Company. Items not so designated shall be completed by operator.

Signature of Cementer or Authorized Representative

Sunset Well Service Inc

Name of Cementing Company

## 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.

REPRESENTATIVE OF COMPANY

TITLE

DATE

PHONE

A/C

NUMBER

SIGNATURE: REPRESENTATIVE OF RAILROAD COMMISSION

31. Was well filled with mud - laden fluid, according to the regulations of the Railroad Commission? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		32. How was mud applied? <b>Circulated</b>	33. Mud Weight <b>10#</b> LBS/GAL								
34. Total Depth <b>10,282'</b>		35. Have all abandoned wells on this lease been plugged according to R R C Rules? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No									
Other Fresh Water Zones by T.D.W.R. <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; text-align: center;">TOP</td> <td style="width:50%; text-align: center;">BOTTOM</td> </tr> <tr> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;"></td> </tr> </table>		TOP	BOTTOM							36. IF No, Explain	
TOP	BOTTOM										
37. Name and address of cementing or service company who mixed and pumped cement plugs in this well <b>Sunset Well Service, P.O. Box 7139, Midland, Texas 79708</b>		Date RRC District Office notified of plugging <b>9/2/14 Abby</b>									
38. Name(s) and address(es) of surface owners of well site <div style="border-bottom: 1px solid black; padding: 2px;"><b>University Lands</b></div> <div style="border-bottom: 1px solid black; padding: 2px;"><b>P.O. Box 553</b></div> <div style="border-bottom: 1px solid black; padding: 2px;"><b>Midland, TX 79702-0553</b></div>											
39. Was notice given before plugging to the above? <div style="text-align: center; font-size: 1.5em; margin-left: 200px;"><b>Yes</b></div>											
<b>FILL IN BELOW FOR DRY HOLES ONLY</b>											
40. For dry holes, this form must be accompanied by either a driller's, electric, radioactivity, or acoustical/sonic log or such log must be released to a commercial log service.											
<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;"><input type="checkbox"/> Log Attached</td> <td style="width:25%;"><input type="checkbox"/> Log released to</td> <td style="width:25%;"></td> <td style="width:25%;">Date</td> </tr> <tr> <td colspan="4">           Type Logs:   <input type="checkbox"/> Driller's <input type="checkbox"/> Electric <input type="checkbox"/> Radioactivity <input type="checkbox"/> Acoustical / Sonic         </td> </tr> </table>				<input type="checkbox"/> Log Attached	<input type="checkbox"/> Log released to		Date	Type Logs: <input type="checkbox"/> Driller's <input type="checkbox"/> Electric <input type="checkbox"/> Radioactivity <input type="checkbox"/> Acoustical / Sonic			
<input type="checkbox"/> Log Attached	<input type="checkbox"/> Log released to		Date								
Type Logs: <input type="checkbox"/> Driller's <input type="checkbox"/> Electric <input type="checkbox"/> Radioactivity <input type="checkbox"/> Acoustical / Sonic											
41. Date FORM P-3 (Special Clearance) filed:											
42. Amount of oil produced prior to plugging _____ bbls * File FORM P-1 (Oil Production Report) for month this oil was produced											
<b>R R C USE ONLY</b> Nearest field _____											

REMARKS **Inv. #9874 - Notify Katy w/TRRC, plug #6 spot 85 x of class "c" cmt from 577' WOC and tag**

1209 332 268

P-11-11

DATE

INITIALS

SIGNATURE OF RAILROAD COMMISSION



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

Form W-15  
Cementing Report  
Rev. 4/1/83  
403-045

RAILROAD COMMISSION OF TEXAS  
Oil and Gas Division

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>42-461-35332</b>	7. Drilling Permit No. <b>637083</b>	
8. Lease Name <b>University 3-16</b>	9. Rule 37 Case No.	10. Oil Lease/Gas ID No. <b>16382</b>	11. Well No. <b>1</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							
13. *Drilled hole size							
*Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)							
15. Top of liner (ft.)							
16. Setting depth (ft.)							
17. Number of centralizers used							
18. Hrs. waiting on cement before drill-out							
1st Slurry	19. API cement used: No. of sacks ▶						
	Class ▶						
	Additives ▶						
2nd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
3rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1st	20. Slurry pumped: Volume (cu. ft.) ▶						
	Height (ft.) ▶						
2nd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
3rd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?							
22. Remarks							

CEMENTING TO PLUG AND ABANDON	PLUG # 1	PLUG # 2	PLUG # 3	PLUG # 4	PLUG # 5	PLUG # 6	PLUG # 7	PLUG # 8
23. Cementing date	7/23/14							
24. Size of hole or pipe plugged (in.)	4 1/2"							
25. Depth to bottom of tubing or drill pipe (ft.)	6550'							
26. Sacks of cement used (each plug)	25							
27. Slurry volume pumped (cu. ft.)	33'							
28. Calculated top of plug (ft.)								
29. Measured top of plug, if tagged (ft.)	6379'							
30. Slurry wt. (lbs./gal)	14.8							
31. Type cement	C							

**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.

Jimmy Bagley/Manager  
Name and title of cementer's representative

Sunset Well Service, Inc.  
Cementing Company

[Signature]  
Signature

P.O. Box 7139  
Address

Midland, Texas 79708  
City, State, Zip Code

(432) 561-8600  
Tel.: Area Code Number

7/30/14  
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.

Steve Pagan  
Typed or printed name of operator's representative

SR. operations foreman  
Title

[Signature]  
Signature

9660 S. Hwy 67  
Address

San Angelo TX 76904 325-223-9067  
City, State, Zip Code Tel.: Area Code Number

8-21-14  
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;
- 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 other persons must be licensed by the Commission to perform cementing in compliance with Commission rules and regulations.