

# RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

Tracking No.: 47223

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

API No. **42- 383-37538**

Status: **Work in Progress**

7. RRC District No.  
**7C**

8. RRC Lease No.  
**17310**

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

|  |  |  |  |                         |   |
|--|--|--|--|-------------------------|---|
| 1. FIELD NAME (as per RRC Records or Wildcat)<br><b>SPRABERRY (TREND AREA)</b>   |  | 2. LEASE NAME<br><b>UNIVERSITY 58-16</b> |  | 9. Well No.<br><b>3</b> |   |
| 3. OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report)<br><b>PIONEER NATURAL RES. USA, INC.</b>          |  |  | RRC Operator No.<br><b>665748</b>  |                         | 10. County of well site<br><b>REAGAN</b>  |
| 4. ADDRESS<br><b>ATTN CINDY WHIDDON P O BOX 3178 MIDLAND, TX 79702-0000</b>  |  |  |  |                         | 11. Purpose of filing<br>Initial Potential <input checked="" type="checkbox"/><br>Retest <input type="checkbox"/><br>Reclass <input type="checkbox"/><br>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)<br><b>16 , 58 , UL</b>   |  |  | 6b. Distance and direction to nearest town in this county.<br><b>18.5 MILES NW FROM BIG LAKE</b> |                         |   |
| 12. If workover or reclass, give former field (with reservoir) & Gas ID or oil lease no.<br><b>FIELD &amp; RESERVOIR</b> |  |  | GAS ID or OIL LEASE #  |                         | Oil-0 Gas-G   |
| <b>N/A</b>   |  |  |  |                         | Well #  |
| 13. Type of electric or other log run<br><b>Acceptable cased hole logs</b>   |  |  | 14. Completion or recompletion date<br><b>04/15/2012</b>   |                         |   |

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

|   |  |                                      |  |  |                                    |  |  |
|---|--|--------------------------------------|--|--|------------------------------------|--|--|
| 15. Date of test<br><b>06/07/2012</b>   |  | 16. No. of hours tested<br><b>24</b> |  | 17. Production method (Flowing, Gas Lift, Jetting, Pumping- Size & Type of pump)<br><b>Pumping</b> |                                    | 18. Choke size                               |  |
| 19. Production during Test Period   |  | Oil - BCLS<br><b>59.0</b>            | Gas - MCF<br><b>95</b>   | Water - BCLS<br><b>137</b>   | Gas - Oil Ratio<br><b>1610</b>     | Flowing Tubing Pressure<br><b>PSI</b>        |  |
| 20. Calculated 24-Hour Rate   |  | Oil - BCLS<br><b>59.0</b>            | Gas - MCF<br><b>95</b>   | Water - BCLS<br><b>137</b>   | Oil Gravity-API-60°<br><b>44.0</b> | Casing Pressure<br><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)<br><b>2055.0</b> |  |                                    | 23. Injection Gas-Oil Ratio<br><b>1610.0</b> |  |
| <b>REMARKS: NEW WELL. LOG BEING MAILED TO RRC AUSTIN</b>  |  |                                      |  |  |                                    |  |  |
|   |  |                                      |  |  |                                    |  |  |
|   |  |                                      |  |  |                                    |  |  |

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

|  |                        |                           |
|--|------------------------|---------------------------|
| <p><b>WELL TESTERS CERTIFICATION</b><br/>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.</p> |                        |                           |
| <p>Signature: Well Tester</p>  | <p>Name of Company</p> | <p>RRC Representative</p> |

|  |   |   |
|--|---|---|
| <p><b>OPERATOR'S CERTIFICATION</b><br/>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.</p> |   |   |
| <p><b>PIONEER NATURAL RES. USA, INC.</b><br/>Type or printed name of operator's representative<br/><b>(972) 969-3643</b><br/>Telephone: Area Code      Number</p>  | <p><b>06/18/2012</b><br/>Month    Day    Year</p> | <p><b>ENGINEERING TECH</b><br/>Title of Person<br/><b>NORMA DONOVAN</b><br/>Signature</p> |

| SECTION III DATA ON WELL COMPLETION AND LOG (Not Required on Retest)  |  |  |  |
|---|--|--|--|
| 24. Type of Completion<br>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<br>DATE 12/23/2011 PERMIT NO. 726614<br>Rule 37 Exception<br>CASE NO. |  |
| 26. Notice of Intention to Drill this well was filed in Name of<br>PIONEER NATURAL RES. USA, INC.   |  | Water Injection Permit PERMIT NO.<br>Salt Water Disposal Permit PERMIT NO.<br>Other PERMIT NO.                 |  |
| 27. Number of producing wells on this lease in this field (reservoir) including this well<br>2  | 28. Total number of acres in this lease<br>324.1               |  |  |
| 29. Date Plug Back, Deepening, Workover or Drilling Operations:<br>Commenced 02/21/2012 Completed 03/06/2012  | 30. Distance to nearest well, Same Lease & Reservoir<br>2761.0 |  |  |

|   |
|---|
| 31. Location of well, relative to nearest lease boundaries<br>560.0 Feet From South Line and 1980.0 Feet from East Line of the UNIVERSITY '58-16' Lease |
|---|

|   |  |
|---|--|
| 32. Elevation (DF, RKB, RT, GR ETC.)<br>2632 GL | 33. Was directional survey made other than inclination (Form W-12)?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|---|--|

|                        |                          |                          |  |                             |
|------------------------|--------------------------|--------------------------|--|-----------------------------|
| 34. Top of Pay<br>6470 | 35. Total Depth<br>10406 | 36. P. B. Depth<br>10382 | 37. Surface Casing Determined by<br>Field Rules <input type="checkbox"/> Recommendation of T.D.W.R. <input checked="" type="checkbox"/> Railroad Commission (Special) <input type="checkbox"/> | Dt. of Letter<br>10/31/2011 |
|------------------------|--------------------------|--------------------------|--|-----------------------------|

|   |
|---|
| 38. Is well multiple completion?<br><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.<br>FIELD & RESERVOIR<br>N/A | GAS ID or OIL LEASE # | Oil-0 Gas-G | Well # |
|---|-----------------------|-------------|--------|

|  |   |   |
|--|---|---|
| 40. Intervals Drilled by:<br>Rotary Tools <input checked="" type="checkbox"/> Cable Tools <input type="checkbox"/> | 41. Name of Drilling Contractor<br>SENDERO DRILLING COMPANY | 42. Is Cementing Affidavit Attached?<br><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 | 525       |                       | CLASS C 240                  | 11        | 0             | 403.0               |
| 4 1/2  | 11.6      | 10405     |                       | CLASS H 1270                 | 7 7/8     | 2610          | 2958.0              |
|  |           |           |                       |                              |           |               |                     |

| 44. LINER RECORD |     |        |              |        |
|------------------|-----|--------|--------------|--------|
| Size             | Top | Bottom | Sacks Cement | Screen |
| N/A              |     |        |              |        |

| 45. TUBING RECORD |           |            | 46. Producing Interval (this completion) Indicate depth of perforation or open hole |       |
|-------------------|-----------|------------|---|-------|
| Size              | Depth Set | Packer Set | From  | To    |
| 2                 | 6371      |            | 6486  | 7456  |
|                   |           |            | 7850  | 7982  |
|                   |           |            | 8103  | 10244 |
|                   |           |            |   |       |

| 47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |  |  |
|--|--|--|
| Depth Interval                                 | Amount and Kind of Material Used                               |  |
| 6486.0 - 7456.0                                | 208,500G 15# XLINK GEL; 447,204# 20/40 MSD; 3000G 15% HCL      |  |
| 7850.0 - 7982.0                                | 62,521G 15# XLINK GEL; 136,991# 20/40 MSD; 1500G 15% HCL       |  |
| 8103.0 - 10244.0                               | 1,047,158G 12# XL ASSIST GEL; 849,80920/40 MSD; 11000G 15% HCL |  |

| 48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS) |        |                 |        |
|---|--------|-----------------|--------|
| Formations  | Depth  | Formations      | Depth  |
| TOP UPPER SPRABERRY   | 6470.0 | TOP OF WOLFCAMP | 8040.0 |
| TOP LOWER SPRABERRY   | 7034.0 |                 |        |
| TOP OF DEAN   | 7854.0 |                 |        |
| REMARKS: N/A  |        |                 |        |

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

Form W-15  
Cementing Report

RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

|  |  |                                      |  |   |
|--|--|--------------------------------------|--|---|
| 1. Operator's Name (As Shown on Form P-5, Organization Report)<br><b>PIONEER RESOURCES</b> |  | 2. RRC Operator No.<br><b>165748</b> | 3. RRC District No.<br><b>7C</b>         | 4. County of Well Site<br><b>REAGON</b> |
| 5. Field Name (Wildcat or Exactly as Shown on RRC Records)<br><b>Spradberry Trend Area</b> |  | 6. API No.<br><b>42-383-37538</b>    | 7. Drilling Permit No.<br><b>726614</b>  |   |
| 8. Lease Name<br><b>UNIVERSITY "58-16"</b>   |  | 9. Rule 37 Case No.                  | 10. Oil Lease/Gas ID No.<br><b>17310</b> | 11. Well Number<br><b># 3</b>           |

| CASING CEMENTING DATA:   |                                      | SURFACE CASING | INTERMEDIATE CASING | PRODUCTION CASING |                           | MULTI-STAGE CEMENTING PROCESS |      |
|--|--------------------------------------|----------------|---------------------|-------------------|---------------------------|-------------------------------|------|
|  |                                      |                |                     | SINGLE STRING     | MULTIPLE PARALLEL STRINGS | TOOL                          | SHOE |
| 12. Cementing Date   |                                      | <b>2-21-12</b> |                     |                   |                           |                               |      |
| 13. *Drilled Hole Size   |                                      | <b>11</b>      |                     |                   |                           |                               |      |
| *Ext. % Wash or Hole Enlargement   |                                      |                |                     |                   |                           |                               |      |
| 14. Size of Casing (in. O.D.)  |                                      | <b>8 5/8</b>   |                     |                   |                           |                               |      |
| 15. Top of Liner (ft)  |                                      |                |                     |                   |                           |                               |      |
| 16. Setting Depth (ft)   |                                      | <b>525</b>     |                     |                   |                           |                               |      |
| 17. Number of Centralizers Used  |                                      | <b>5</b>       |                     |                   |                           |                               |      |
| 18. Hrs. Waiting on Cement Before Drill-Out                                      |                                      | <b>12</b>      |                     |                   |                           |                               |      |
| 1st slurry   | 19. API Cement Used: No. of Sacks >  | <b>240</b>     |                     |                   |                           |                               |      |
|  | Class >                              | <b>CLASS C</b> |                     |                   |                           |                               |      |
|  | Additives >                          | <b>REMARKS</b> |                     |                   |                           |                               |      |
| 2nd slurry   | No. of Sacks >                       |                |                     |                   |                           |                               |      |
|  | Class >                              |                |                     |                   |                           |                               |      |
|  | Additives >                          |                |                     |                   |                           |                               |      |
| 3rd slurry   | No. of Sacks >                       |                |                     |                   |                           |                               |      |
|  | Class >                              |                |                     |                   |                           |                               |      |
|  | Additives >                          |                |                     |                   |                           |                               |      |
| 1st  | 20. Slurry Pumped: Volume (cu.ft.) > | <b>403.00</b>  |                     |                   |                           |                               |      |
|  | Height (ft) >                        | <b>1586.00</b> |                     |                   |                           |                               |      |
| 2nd  | Volume (cu.ft.) >                    |                |                     |                   |                           |                               |      |
|  | Height (ft) >                        |                |                     |                   |                           |                               |      |
| 3rd  | Volume (cu.ft.) >                    |                |                     |                   |                           |                               |      |
|  | Height (ft) >                        |                |                     |                   |                           |                               |      |
| Total  | Volume (cu.ft.) >                    | <b>403</b>     |                     |                   |                           |                               |      |
|  | Height (ft) >                        | <b>1586</b>    |                     |                   |                           |                               |      |
| 21. Was Cement Circulated to Ground Surface (or Bottom of Cella) Outside Casing? |                                      | <b>YES</b>     |                     |                   |                           |                               |      |
| 22. Remarks  |                                      |                |                     |                   |                           |                               |      |
| <b>REMARKS - CLASS "C", 4% GEL 2% CACL2, .25% DF-10</b>                          |                                      |                |                     |                   |                           |                               |      |
| <b>CIRCULATED 30 SKS TO PIT</b>  |                                      |                |                     |                   |                           |                               |      |
|  |                                      |                |                     |                   |                           |                               |      |
|  |                                      |                |                     |                   |                           |                               |      |

OVER →

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)<br><b>PIONEER NATURAL RESOURCES</b> | 2. RRC Operator No.<br><b>665745</b> | 3. RRC District No.<br><b>7C</b>         | 4. County of Well Site<br><b>REAGAN</b> |
| 5. Field Name (Wildcat or exactly as shown on RRC Records)<br><b>Spraberry Trend Area</b>          | 6. API No.<br><b>42-383-37538</b>    | 7. Drilling Permit No.<br><b>726614</b>  |   |
| 8. Lease Name<br><b>UNIVERSITY '58-16'</b>   | 9. Rule 37 Case No.                  | 10. Oil Lease/Gas ID No.<br><b>17310</b> | 11. Well No.<br><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  |                                       |                |                      | <b>3-6-12</b>     |                           |                               |      |
| 13. • Drilled Hole Size   |                                       |                |                      | <b>7 7/8"</b>     |                           |                               |      |
| • Est. % wash or hole enlargement   |                                       |                |                      |                   |                           |                               |      |
| 14. Size of casing (in. O.D.)   |                                       |                |                      | <b>4 1/2"</b>     |                           |                               |      |
| 15. Top of liner (ft.)  |                                       |                |                      |                   |                           |                               |      |
| 16. Setting depth (ft.)   |                                       |                |                      | <b>10405</b>      |                           |                               |      |
| 17. Number of centralizers used   |                                       |                |                      | <b>29</b>         |                           |                               |      |
| 18. Hrs. Waiting on cement before drill-out   |                                       |                |                      |                   |                           |                               |      |
| 1st Slurry  | 19. API cement used: No. of sacks ▶   |                |                      | <b>620</b>        |                           |                               |      |
|   | Class ▶                               |                |                      | <b>"H"</b>        |                           |                               |      |
|   | Additives ▶                           |                |                      | <b>#22</b>        |                           |                               |      |
| 2nd Slurry  | No. of sacks ▶                        |                |                      | <b>650</b>        |                           |                               |      |
|   | Class ▶                               |                |                      | <b>"H"</b>        |                           |                               |      |
|   | Additives ▶                           |                |                      | <b>#22</b>        |                           |                               |      |
| 3rd Slurry  | No. of sacks ▶                        |                |                      |                   |                           |                               |      |
|   | Class ▶                               |                |                      |                   |                           |                               |      |
|   | Additives ▶                           |                |                      |                   |                           |                               |      |
| 1st   | 20. Slurry pumped: Volume (cu. ft.) ▶ |                |                      | <b>2139</b>       |                           |                               |      |
|   | Height (ft.) ▶                        |                |                      | <b>9389</b>       |                           |                               |      |
| 2nd   | Volume (cu. ft.) ▶                    |                |                      | <b>819</b>        |                           |                               |      |
|   | Height (ft.) ▶                        |                |                      | <b>3595</b>       |                           |                               |      |
| 3rd   | Volume (cu. ft.) ▶                    |                |                      |                   |                           |                               |      |
|   | Height (ft.) ▶                        |                |                      |                   |                           |                               |      |
| Total   | Volume (cu. ft.) ▶                    |                |                      | <b>2958</b>       |                           |                               |      |
|   | Height (ft.) ▶                        |                |                      | <b>12984</b>      |                           |                               |      |
| 21. Was cement circulated to ground surface (or bottom of cellar) outside casing ?  |                                       |                |                      | <b>NO</b>         |                           |                               |      |
| Remarks: 1 <sup>st</sup> SLURRY-H +5% SALT(BWOW)+17.5% LW7-6+1% FL52+10% BA90+3% CD32+1% SMS+.5% ASA301 +.3% R21+.01% STATIC FREE 2 <sup>nd</sup> SLURRY H50/50POZ+2% GEL+.2% FL52+.01% STATIC FREE |                                       |                |                      |                   |                           |                               |      |

RAILROAD COMMISSION OF TEXAS  
OIL AND GAS DIVISION

Form W-12  
(1-1-71)  
FOD1296

|   |  |  |
|---|--|--|
| <b>INCLINATION REPORT</b><br>(One Copy Must Be Filed With Each Completion Report) |  | 6. RRC District<br><b>7C</b>                                   |
| 1. FIELD NAME (as per RRC Records or Wildcat)<br><b>Spradberry Trend Area</b>     |  | 7. RRC Lease Number.<br>(Oil completions only)<br><b>17310</b> |
| 2. LEASE NAME<br><b>University '58-16'</b>  |  | 8. Well Number<br><b>3</b>                                     |
| 3. OPERATOR<br><b>Pioneer Natural Resources USA, Inc.</b>                         |  | 9. RRC Identification Number<br>(Gas completions only)         |
| 4. ADDRESS<br><b>5205 N. O'Conner Blvd., Suite 200<br/>Irving, TX 75039</b>       |  | 10. County<br><b>Reagan</b>                                    |
| 5. LOCATION (Section, Block, and Survey)<br><b>Sec 16, B16 58 University Land</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                                  | 0.60                                | 1.05   | 5.25                           | 5.25                                 |
| 789                        | 289                                  | 0.90                                | 1.57   | 4.53                           | 9.78                                 |
| 1295                       | 506                                  | 0.40                                | 0.70   | 3.54                           | 13.32                                |
| 1795                       | 500                                  | 0.20                                | 0.35   | 1.75                           | 15.07                                |
| 2253                       | 458                                  | 0.30                                | 0.52   | 2.38                           | 17.45                                |
| 2762                       | 509                                  | 0.10                                | 0.17   | 0.86                           | 18.31                                |
| 3262                       | 500                                  | 0.60                                | 1.05   | 5.25                           | 23.56                                |
| 3749                       | 487                                  | 0.20                                | 0.35   | 1.70                           | 25.26                                |
| 4249                       | 500                                  | 0.20                                | 0.35   | 1.75                           | 27.01                                |
| 4735                       | 486                                  | 0.50                                | 0.87   | 4.22                           | 31.23                                |
| 5300                       | 565                                  | 0.90                                | 1.57   | 8.87                           | 40.10                                |
| 5785                       | 485                                  | 0.10                                | 0.17   | 0.82                           | 40.92                                |
| 6263                       | 478                                  | 0.10                                | 0.17   | 0.81                           | 41.73                                |
| 6422                       | 159                                  | 1.70                                | 2.97   | 4.72                           | 46.45                                |
| 6549                       | 127                                  | 1.30                                | 2.27   | 2.88                           | 49.33                                |

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 9846 feet = 119.22 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..... 560 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><u>[Signature]</u><br/>Signature of Authorized Representative</p> <p><b>Kirk Cleere, President</b><br/>Name of Person and Title (type or print)</p> <p><b>Sendro Drilling Company</b><br/>Name of Company</p> <p>Telephone: <b>325-655-7641</b><br/>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><u>[Signature]</u><br/>Signature of Authorized Representative</p> <p><b>Norma Donovan, Engineering Tech</b><br/>Pioneer Natural Resources<br/>972.969.3643</p> |
|--|---|

Railroad Commission Use Only:

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

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

Tracking No.: 47223

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

Instructions

**When to Re Form L-1**

- with Form G-1, W-2, and GT-1 for new and deepened gas, oil, and geothermal wells
- the 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-NOT required:**

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

**Where to Re Form L-1:**

- 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
- more than one such log is required but it must be of the best well
- fish log is NOT on the subject well do NOT substitute any other type of log; just select Section II, after A or B

SECTION I. IDENTIFICATION

|   |                            |                             |
|---|----------------------------|-----------------------------|
| Operator Name: PIONEER NATURAL RES. USA, INC. | District No. 7C            | Completion Date: 04/15/2012 |
| Field Name SPRABERRY (TREND AREA)             | Drilling Permit No. 726614 |                             |
| Lease Name UNIVERSITY 5816                    | Lease/ID No. 17310         | Well No. 3                  |
| County REAGAN                                 | API No. 42- 383-37538      |                             |

SECTION II LOG STATUS (Complete either A or B)

A. BASIC ELECTRIC LOG NOT RUN

B. BASIC ELECTRIC LOG RUN. (Select one)

- 1. Confidentiality requested and a copy of the header for each log has been run on the wells 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) of Form L-1 (this form). If the company/lease name on logs 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) of Form W-4, Application for Multiple Completion:

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

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

NORMA DONOVAN  
Signature  
PIONEER NATURAL RES. USA, INC.  
Name (print)

ENGINEERING TECH  
Title  
(972) 98-3643  
Phone  
06/18/2012  
Date

-FOR RAILROAD COMMISSION USE ONLY-

Groundwater  
Advisory Unit

GROUNDWATER PROTECTION DETERMINATION

Date October 31, 2011

GAU File No.: SC- 10558

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

API Number 38337538

Attention: DEBBIE BAKER

RRC Lease No. 017310

SC\_665748\_38337538\_017310\_10558.pdf

--Measured--

1980 ft FEL

660 ft FSL

MRL: SURVEY

Digital Map Location:

X-coord/Long 1559400

Y-coord/Lat 598870

Datum 27 Zone C

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

P-5# 665748

County REAGAN

Lease & Well No. UNIVERSITY 58-16 #3

Purpose ND

Location SUR-UNIVERSITY LAND, BLK-58, SEC-16, -- [TD=10800], [RRC 7C],

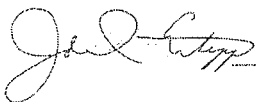
To protect usable-quality groundwater at this location, the Groundwater Advisory Unit of the Texas Railroad Commission recommends:

The interval from the land surface to a depth of 475 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).

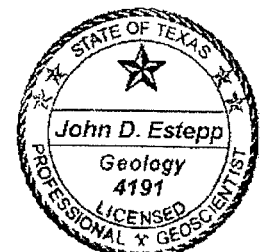
If you have any questions, please contact us at 512-463-2741, [gau@rrc.state.tx.us](mailto:gau@rrc.state.tx.us), or by mail.

Sincerely,



Digitally signed by John Estep  
DN: c=US, st=TEXAS, l=Austin, o=Railroad  
Commission of Texas, cn=John Estep,  
email=john.estep@rrc.state.tx.us  
Date: 2011.10.31 14:47:50 -05'00'

GEOLOGIST SEAL



**John D. Estep, P.G.**

The seal appearing on this document was authorized by John D. Estep on 10/31/2011  
Note: Alteration of this electronic document will invalidate the digital signature.

15 16  
(1576) (1577)

S 88°50'48" E 5389.88

17  
(1578)

# Block 58, University Land

N 1°09'54" E 5237.56'

PIONEER NATURAL RESOURCES

S 1°09'55" W 5239.59

#1

2761'

2059'

#3

1980'

EL. 2632

University "58-16"

324.1 Acres

Fnd. Conc. Mon.

31 32  
(67) (68)

N 88°49'30" W 5389.85

33  
(67)

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 0.9997721 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 16.

Note: Well location is approximately 18.5 miles northwest of Big Lake.

#3

X: 1559398.02

Latitude-31.30537457°N

Y: 598770.15

Longitude-101.74417965°W

Latitude-31°18'19.35"N Longitude-101°44'39.05"W

Railroad Commission Permit Plat

PIONEER NATURAL RESOURCES USA, Inc.  
University "58-16" Lease  
S/2 of  
Section 16, Block 58,  
University Land,  
Reagan County, Texas



*Steven L. Prewit*

Revised: December 8, 2011

October 11, 2011

111011M1

