

OCD Artesia

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
EXPIRES: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals*

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

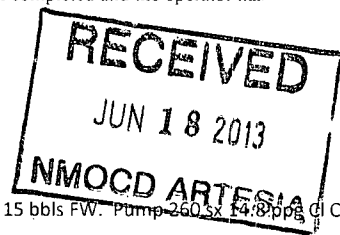
|  |   |  |
|--|---|--|
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other |   | 5. Lease Serial No.<br>NM044594                              |
| 2. Name of Operator<br>DEVON ENERGY PRODUCTION COMPANY, LP   |   | 6. If Indian, Allottee or Tribe Name                         |
| 3a. Address<br>333 WEST SHERIDAN, OKLAHOMA CITY, OK 73102  | 3b. Phone No. (include area code)<br>405-235-3611 | 7. If Unit of CA/Agreement, Name and/or No.                  |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>990 FNL 50 FEL<br>BHL: 977 FNL & 349 FWL E             |   | 8. Well Name and No.<br>Aquila 22 Fed Com 1H                 |
| A 22 T19S R31E<br>PP: 939 FNL & 86 FEL   |   | 9. API Well No.<br>30-015-40627                              |
|  |   | 10. Field and Pool, or Exploratory<br>Lusk; Bone Spring West |
|  |   | 11. County or Parish, State<br>Eddy, NM                      |

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                    | TYPE OF ACTION  |
|---|---|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off           |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity            |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input type="checkbox"/> Other Completion Report |
|   | <input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporary Abandon  |
|   | <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal  |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following the completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

2/4/13 - MIRU KEY. Test BOP,blinds 1500 psi, good.  
2/5/13 - RIH w/ tbg. Tag TOC @ 5700'. CHC.  
2/22/13 - DO cmt. Hole in csg. RIH w/ pkr & set . PT tbg. PT csg to 2500 psi, held. Moved pkr & leak btwn 354' & 359'.  
2/25/13 - RIH w CBL and showed good cmt fr 7812' -6980'. Dug up Braidenhead & tied; pump dn & LH w/ 30 bbls. CHC.  
2/26/13 - MIRU tracer log. Run temp log indicate zones tkg fluid. Largest chng @ 4630'. ND BOP.  
2/28/13 - Hole in csg on 8th jt (351'). RIH w/ 3 new jts csg & 6 jts old csg.  
3/18/13 - PT csg @ 2500 psi, 15 mins. Did braidenhead sqz. RU BHI cmts. PT lines to 4000 psi, csg to 2000 psi, held. Pump 15 bbls FW. Pump 260' sx 14.8 ppg C.C.  
Tail w/ 400 sx 11.4 ppg C.C. SD.  
3/4/13 - RU WL & run CBL. RIH from KOP to Log surf. TOC surf @ 5250'.  
3/8/13 - 3/29/13 - Continue DO cmt & CHC w/ 390 bbls KCL.  
4/1/13 - NU frac & PT csg, good. TIH PT DV TOOL & set pkr & test dn csg 2950 psi, 15 mins. 100% test. Rise pkr.  
4/8/13 - Rise Rig. NU Frac and frac 8 stages fr 9600' - 13,690' (see attached detailed stimulant summary).  
4/17/13 - DO plugs.  
4/25/13 -4/27/13 - RIH w/ tbg & rods & pump.  
4/30/13 - ND BOP & TOP.



14. I hereby certify that the foregoing is true and correct.  
Name (Printed/Typed) Judy A. Barnett x8699 Title Regulatory Specialist

Signature *Judy A. Barnett* Date 5/10/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by \_\_\_\_\_ Title \_\_\_\_\_  
Office \_\_\_\_\_  
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations to any matter within its jurisdiction.

ACCEPTED FOR RECORD  
5/10/2013

JUN 16 2013

BUREAU OF LAND MANAGEMENT

CARLSBAD FIELD OFFICE



## Proppant Summary by Stage

|   |                 |                                       |                       |                   |                     |                                  |                               |   |                                 |                                  |                                 |                                    |                            |
|---|-----------------|---------------------------------------|-----------------------|-------------------|---------------------|----------------------------------|-------------------------------|---|---------------------------------|----------------------------------|---------------------------------|------------------------------------|----------------------------|
| District<br>PERMIAN BASIN                 |                 |                                       | County<br>EDDY        |                   |                     | Field Name<br>HACKBERRY          |                               |   | Project Group<br>DELAWARE BASIN |                                  |                                 | State/Province<br>NM               |                            |
| Surface Legal Location<br>SEC22 T19S R31E |                 |                                       | API/UWI<br>3001540627 |                   |                     | Latitude (°)<br>32° 39' 1.785" N |                               | Longitude (°)<br>103° 50' 55.366" W   |                                 | Ground Elev MSL (ft)<br>3,535.90 | KB - Ground Level (ft)<br>26.20 | Orig KB Elevation (ft)<br>3,562.10 | Tubing Head Elevation (ft) |
| Stage #                                   | Date            | Total Clean<br>Volume Pumped<br>(bbl) | Proppant Design (lb)  | Proppant Frm (lb) | Proppant<br>WB (lb) | Conc<br>Max<br>(lb/gal)          | BH<br>Conc<br>Max<br>(lb/gal) | Total Add Amount  |                                 |                                  |                                 |                                    |                            |
| 1   | 4/9/2013 07:20  | 5077.64                               | 289,925.1             | 287,462.9         | 287,462.9           | 4.00                             |                               | OTTAWA Bulk Sand 236018 LB; RESIN COATED Resin Coated Sand (Santrol) 50486 LB |                                 |                                  |                                 |                                    |                            |
| 2   | 4/9/2013 11:45  | 4994.52                               | 289,925.1             | 289,599.0         | 289,599.0           | 4.00                             |                               | OTTAWA Bulk Sand 225571 LB; RESIN COATED Resin Coated Sand (Santrol) 62775 LB |                                 |                                  |                                 |                                    |                            |
| 3   | 4/9/2013 15:23  | 4975.69                               | 289,925.1             | 287,300.0         | 287,300.0           | 4.00                             |                               | OTTAWA Bulk Sand 224510 LB; RESIN COATED Resin Coated Sand (Santrol) 63135 LB |                                 |                                  |                                 |                                    |                            |
| 4   | 4/9/2013 18:47  | 4864.83                               | 289,925.1             | 289,748.0         | 289,748.0           | 4.00                             |                               | OTTAWA Bulk Sand 218232 LB; RESIN COATED Resin Coated Sand (Santrol) 69333 LB |                                 |                                  |                                 |                                    |                            |
| 5   | 4/10/2013 07:06 | 4933.00                               | 289,925.1             | 283,372.9         | 283,372.9           | 4.00                             |                               | OTTAWA Bulk Sand 212985 LB; RESIN COATED Resin Coated Sand (Santrol) 68836 LB |                                 |                                  |                                 |                                    |                            |
| 6   | 4/10/2013 10:25 | 4933.21                               | 289,925.1             | 284,327.1         | 284,327.1           | 4.00                             |                               | OTTAWA Bulk Sand 216234 LB; RESIN COATED Resin Coated Sand (Santrol) 64387 LB |                                 |                                  |                                 |                                    |                            |
| 7   | 4/10/2013 13:42 | 5039.95                               | 289,925.1             | 286,270.9         | 286,270.9           | 4.00                             |                               | OTTAWA Bulk Sand 217479 LB; RESIN COATED Resin Coated Sand (Santrol) 64996 LB |                                 |                                  |                                 |                                    |                            |
| 8   | 4/10/2013 16:51 | 4799.24                               | 289,925.1             | 294,760.0         | 294,760.0           | 4.00                             |                               | OTTAWA Bulk Sand 227637 LB; RESIN COATED Resin Coated Sand (Santrol) 65257 LB |                                 |                                  |                                 |                                    |                            |

# AQUILA 22 FED COM 1H - Permian Basin Stimulation Summary - Page No. 1 - Date: 5/8/2013

| Stage # | Date            | Type           | Zone            | Min Top Depth<br>(ftKB) | Max Btm Depth<br>(ftKB) | Proppant Frm (lb) | Proppant<br>Design (lb) | Total Clean<br>Volume<br>Pumped (bbl) | Conc Max<br>(lb/gal) | P Max (psi) | ISIP (psi) | Q Start Max<br>(bbl/min) |
|---------|-----------------|----------------|-----------------|-------------------------|-------------------------|-------------------|-------------------------|---------------------------------------|----------------------|-------------|------------|--------------------------|
| 1       | 4/9/2013 07:20  | HYDRAULIC FRAC | BONE SPRING, OH | 13,379.0                | 13,690.0                | 287,462.9         | 289,925.1               | 5077.64                               | 4.00                 | 7,656.0     | 2,727.0    | 80                       |
| 2       | 4/9/2013 11:45  | HYDRAULIC FRAC | BONE SPRING, OH | 12,839.0                | 13,201.0                | 289,599.0         | 289,925.1               | 4994.52                               | 4.00                 | 6,205.0     | 2,729.0    | 84                       |
| 3       | 4/9/2013 15:23  | HYDRAULIC FRAC | BONE SPRING, OH | 12,299.0                | 12,661.0                | 287,300.0         | 289,925.1               | 4975.69                               | 4.00                 | 5,886.0     | 3,144.0    | 83                       |
| 4       | 4/9/2013 18:47  | HYDRAULIC FRAC | BONE SPRING, OH | 11,759.0                | 12,121.0                | 289,748.0         | 289,925.1               | 4864.83                               | 4.00                 | 6,033.0     | 2,424.0    | 84                       |
| 5       | 4/10/2013 07:06 | HYDRAULIC FRAC | BONE SPRING, OH | 11,220.0                | 11,582.0                | 283,372.9         | 289,925.1               | 4933.00                               | 4.00                 | 6,023.0     | 2,564.0    | 83                       |
| 6       | 4/10/2013 10:25 | HYDRAULIC FRAC | BONE SPRING, OH | 10,680.0                | 11,042.0                | 284,327.1         | 289,925.1               | 4933.21                               | 4.00                 | 5,968.0     | 2,568.0    | 83                       |
| 7       | 4/10/2013 13:42 | HYDRAULIC FRAC | BONE SPRING, OH | 10,140.0                | 10,502.0                | 286,270.9         | 289,925.1               | 5039.95                               | 4.00                 | 5,296.0     | 2,988.0    | 81                       |
| 8       | 4/10/2013 16:51 | HYDRAULIC FRAC | BONE SPRING, OH | 9,600.0                 | 9,962.0                 | 294,760.0         | 289,925.1               | 4799.24                               | 4.00                 | 5,385.0     | 3,080.0    | 81                       |