

# NM OIL CONSERVATION

ARTESIA DISTRICT

Form C-104

Revised August 1, 2011

District I  
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico  
Energy, Minerals & Natural Resources

FEB 23 2015

District II  
811 S. First St., Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit one copy to appropriate District Office

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☐ AMENDED REPORT

## I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

|   |  |   |
|---|--|---|
| <sup>1</sup> Operator name and Address<br>Devon Energy Production Company, L.P.<br>333 West Sheridan, Oklahoma City, OK 73102 |  | <sup>2</sup> OGRID Number<br>6137                                   |
|   |  | <sup>3</sup> Reason for Filing Code/ Effective Date<br>NW / 1/10/15 |
| <sup>4</sup> API Number<br>30-015-42370   | <sup>5</sup> Pool Name<br>Hackberry; Bone Spring, East | <sup>6</sup> Pool Code<br>96746                                     |
| <sup>7</sup> Property Code<br>39244   | <sup>8</sup> Property Name<br>Bellatrix 28 Fed Com     | <sup>9</sup> Well Number<br>7H                                      |

## II. <sup>10</sup> Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| I             | 29      | 19S      | 31E   |         | 1710          | South            | 160           | East           | Eddy   |

## <sup>11</sup> Bottom Hole Location

| UL or lot no.               | Section                                  | Township                                     | Range                             | Lot Idn                            | Feet from the                       | North/South line | Feet from the | East/West line | County |
|-----------------------------|--|--|-----------------------------------|------------------------------------|-------------------------------------|------------------|---------------|----------------|--------|
| I                           | 28                                       | 19S  | 31E                               |                                    | 2200                                | South            | 460           | East           | Eddy   |
| <sup>12</sup> Lse Code<br>F | <sup>13</sup> Producing Method Code<br>F | <sup>14</sup> Gas Connection Date<br>1/10/15 | <sup>15</sup> C-129 Permit Number | <sup>16</sup> C-129 Effective Date | <sup>17</sup> C-129 Expiration Date |                  |               |                |        |

## III. Oil and Gas Transporters

| <sup>18</sup> Transporter OGRID | <sup>19</sup> Transporter Name and Address                   | <sup>20</sup> O/G/W |
|---------------------------------|--|---------------------|
| 278421                          | Holly-Frontier<br>10 Desta Drive, Ste 350W Midland, TX 79710 | Oil                 |
| 036785                          | DCP Midstream<br>P.O. Box 50020 Midland, TX 79710-0020       | Gas                 |
|                                 |  |                     |
|                                 |  |                     |
|                                 |  |                     |
|                                 |  |                     |

## IV. Well Completion Data

|                                    |                                     |                           |                               |  |                       |
|------------------------------------|-------------------------------------|---------------------------|-------------------------------|--|-----------------------|
| <sup>21</sup> Spud Date<br>9/14/14 | <sup>22</sup> Ready Date<br>1/10/15 | <sup>23</sup> TD<br>13160 | <sup>24</sup> PBDT<br>13119.2 | <sup>25</sup> Perforations<br>8553 - 13109 | <sup>26</sup> DHC, MC |
| <sup>27</sup> Hole Size            | <sup>28</sup> Casing & Tubing Size  | <sup>29</sup> Depth Set   | <sup>30</sup> Sacks Cement    |  |                       |
| 26"                                | 20"                                 | 555                       | 1250 sx CIC; Circ 226 sx      |  |                       |
| 17-1/2"                            | 13-3/8"                             | 2370                      | 1767 sx CIC; Circ 171 bbls    |  |                       |
| 12-1/4"                            | 9-5/8"                              | 4200                      | 1643 sx CIC; Circ 114 sx      |  |                       |
| 8-3/4"                             | 5-1/2" & 7"                         | 13160                     | 2030 sx CIH; Circ 0           |  |                       |

## V. Well Test Data

|                                       |  |                                    |                                     |  |  |
|---------------------------------------|--|------------------------------------|-------------------------------------|--|--|
| <sup>31</sup> Date New Oil<br>1/23/15 | <sup>32</sup> Gas Delivery Date<br>1/23/15 | <sup>33</sup> Test Date<br>1/23/15 | <sup>34</sup> Test Length<br>24 hrs | <sup>35</sup> Tbg. Pressure<br>368 psi | <sup>36</sup> Csg. Pressure<br>198 psi |
| <sup>37</sup> Choke Size              | <sup>38</sup> Oil<br>142 bbl               | <sup>39</sup> Water<br>1106 bbl    | <sup>40</sup> Gas<br>347 mcf        |  | <sup>41</sup> Test Method              |

<sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Megan Moravec*

Printed name: Megan Moravec

Title: Regulatory Compliance Analyst

E-mail Address: megan.moravec@dmv.com

Date: 2/20/2015

Phone:

|                               |  |
|-------------------------------|--|
| OIL CONSERVATION DIVISION     |  |
| Approved by: <i>RDade</i>     |  |
| Title: <i>DIST R Super</i>    |  |
| Approval Date: <i>2/26/15</i> |  |

Pending BLM approvals will subsequently be reviewed and scanned

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FEB 23 2015

FORM APPROVED  
OMB No. 1004-0137  
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.**

**RECEIVED**

5. Lease Serial No. **BHL: NMNM101113**

6. If Indian, Allottee or Tribe Name

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

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well

☒ Oil Well    ☐ Gas Well    ☐ Other

8. Well Name and No.  
**Bellatrix 28 Fed Com 7H**

2. Name of Operator  
**Devon Energy Production Company, L.P.**

9. API Well No.  
**30-015-42370**

3a. Address  
**333 West Sheridan, Oklahoma City, OK 73102**

3b. Phone No. (include area code)  
**405-228-4248**

10. Field and Pool or Exploratory Area  
**Hackberry; Bone Spring, East**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1710' FSL & 160' FEL Unit I, Sec 29, T19S, R31E**  
**2200' FSL & 460' FEL Unit I, Sec 28, T19S, R31E**

**PP: 2020' FSL & 300' FEL**

11. Country or Parish, State  
**Eddy, NM**

**12. CHECK THE 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 checked="" type="checkbox"/> Other <b>Completion Report</b> |
|   | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily 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 is to 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 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.)

11/17/14-1/10/15: MIRU WL & PT. TIH & ran CBL, found ETOC @ 3200'. TIH w/pump through frac plug and guns. Perf Bone Spring, 8553'-13109', total 640 holes. Frac'd 8553'-13109' in 16 stages. Frac totals 49,391 gals 15% NEFE Acid, 13,632,675# Prem White 20/40. ND frac, MIRU PU, NU BOP, DO plugs. CHC, FWB. RIH w/158 jts 2-7/8" P-110 tbg & 189 jts 2-3/8" P-105 tbg, set @ 13314'. TOP.

14. I hereby certify that the foregoing is true and correct.  
Name (Printed/Typed)

**Megan Moravec**

Title **Regulatory Compliance Analyst**

Signature

*Megan Moravec*

Date **2/20/2015**

**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 fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**Pending BLM approvals will  
subsequently be reviewed  
and scanned**

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FEB 23 2015

FORM APPROVED  
OMB NO. 1004-0137  
Expires: July 31, 2010

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

RECEIVED

|  |                      |   |                     |   |                      |  |                       |                   |                   |
|--|----------------------|---|---------------------|---|----------------------|--|-----------------------|-------------------|-------------------|
| 1a. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other<br>1b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Reserv.,<br>Other: _____ |                      |   |                     |   |                      | 5. Lease Serial No. BHL: NMNM101113  |                       |                   |                   |
| 2. Name of Operator: <b>Devon Energy Production Company, L.P.</b>  |                      |   |                     |   |                      | 6. If Indian, Allottee or Tribe Name: _____  |                       |                   |                   |
| 3. Address: <b>333 West Sheridan Ave, Oklahoma City, OK 73102</b>  |                      |   |                     | 3a. Phone No. (include area code): <b>405-228-4248</b>  |                      | 7. Unit or CA Agreement Name and No.: _____  |                       |                   |                   |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)*<br><br>At surface: <b>1710' FSL &amp; 160' FEL Unit I, Sec 29, T19S, R31E</b><br><br>At top prod. interval reported below:<br><br>At total depth: <b>2200' FSL &amp; 460' FEL Unit I, Sec 28, T19S, R31E</b>  |                      |   |                     |   |                      | 8. Lease Name and Well No.: <b>Bellatrix 28 Fed Com 7H</b><br>9. AFI Well No.: <b>30-015-42370</b><br>10. Field and Pool or Exploratory: <b>Hackberry; Bone Spring, East</b><br>11. Sec., T., R., M., on Block and Survey or Area: <b>Sec 29, T19S, R31E</b><br>12. County or Parish: <b>Eddy</b> 13. State: <b>NM</b> |                       |                   |                   |
| 14. Date Spudded: <b>9/14/14</b>   |                      | 15. Date T.D. Reached: <b>10/7/14</b>                   |                     | 16. Date Completed: <b>1/10/15</b><br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. |                      | 17. Elevations (DF, RKB, RT, GL)*<br><b>GL: 3482.8</b>   |                       |                   |                   |
| 18. Total Depth: MD <b>13160</b><br>TVD <b>8272.4</b>  |                      | 19. Plug Back T.D.: MD <b>13119.2</b><br>TVD _____      |                     | 20. Depth Bridge Plug Set: MD _____<br>TVD _____  |                      |  |                       |                   |                   |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)<br><b>Gamma Ray / CCL</b>  |                      |   |                     |   |                      | 22. Was well cored? <input type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Was DST run? <input type="checkbox"/> No <input type="checkbox"/> Yes (Submit report)<br>Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)                       |                       |                   |                   |
| 23. Casing and Liner Record (Report all strings set in well)   |                      |   |                     |   |                      |  |                       |                   |                   |
| Hole Size  | Size/Grade           | Wt. (#/ft.)   | Top (MD)            | Bottom (MD)   | Stage Cementer Depth | No. of Sk. & Type of Cement  | Slurry Vol. (BBL)     | Cement Top*       | Amount Pulled     |
| 26"  | 20" J-55             | 94#   | 0                   | 555   |                      | 1250 sx CIC  |                       | 0                 | 226 sx            |
| 17-1/2"  | 13-3/8" J-55         | 68#   | 0                   | 2370  |                      | 1767 sx CIC  |                       | 0                 | 171 bbls          |
| 12-1/4"  | 9-5/8" J-55          | 40#   | 0                   | 4200  | DV @ 2414.7          | 1643 sx CIC  |                       | 0                 | 114 sx            |
| 8-3/4"   | 5-1/2" & 7" P-110    | 17# & 29#   | 0                   | 13160   |                      | 2030 sx CIH  |                       | 3200              |                   |
| 24. Tubing Record  |                      |   |                     |   |                      |  |                       |                   |                   |
| Size   | Depth Set (MD)       | Packer Depth (MD)                                       | Size                | Depth Set (MD)  | Packer Depth (MD)    | Size   | Depth Set (MD)        | Packer Depth (MD) |                   |
| 7/8" & 2-3/8"  | 13314                |   |                     |   |                      |  |                       |                   |                   |
| 25. Producing Intervals  |                      |   |                     |   |                      |  |                       |                   |                   |
| Formation  | Top                  | Bottom  | Perforated Interval | Size  | No. Holes            | Perf. Status   |                       |                   |                   |
| A) Bone Spring   | 8553                 | 13109   | 8553 - 13109        |   | 640                  | open   |                       |                   |                   |
| B)   |                      |   |                     |   |                      |  |                       |                   |                   |
| C)   |                      |   |                     |   |                      |  |                       |                   |                   |
| D)   |                      |   |                     |   |                      |  |                       |                   |                   |
| 26. Perforation Record   |                      |   |                     |   |                      |  |                       |                   |                   |
| 27. Acid, Fracture, Treatment, Cement Squeeze, etc.  |                      |   |                     |   |                      |  |                       |                   |                   |
| Depth Interval   |                      | Amount and Type of Material                             |                     |   |                      |  |                       |                   |                   |
| 8553 - 13109   |                      | 49,391 gals 15% NEFE Acid, 13,632,675# Prem White 20/40 |                     |   |                      |  |                       |                   |                   |
| 28. Production - Interval A  |                      |   |                     |   |                      |  |                       |                   |                   |
| Date First Produced  | Test Date            | Hours Tested  | Test Production     | Oil BBL   | Gas MCF              | Water BBL  | Oil Gravity Corr. API | Gas Gravity       | Production Method |
| 1/10/15  | 1/23/15              | 24  | →                   | 142   | 347                  | 1106   |                       |                   | Flow              |
| Choke Size   | Tbg. Press. Flwg. SI | Csg. Press.   | 24 Hr. Rate         | Oil BBL   | Gas MCF              | Water BBL  | Gas/Oil Ratio         | Well Status       |                   |
|  | 368psi               | 198psi  | →                   |   |                      |  | 2443.6                |                   |                   |
| 28a. Production - Interval B   |                      |   |                     |   |                      |  |                       |                   |                   |
| Date First Produced  | Test Date            | Hours Tested  | Test Production     | Oil BBL   | Gas MCF              | Water BBL  | Oil Gravity Corr. API | Gas Gravity       | Production Method |
|  |                      |   | →                   |   |                      |  |                       |                   |                   |
| Choke Size   | Tbg. Press. Flwg. SI | Csg. Press.   | 24 Hr. Rate         | Oil BBL   | Gas MCF              | Water BBL  | Gas/Oil Ratio         | Well Sta.         |                   |
|  |                      |   | →                   |   |                      |  |                       |                   |                   |

\*(See instructions and spaces for additional data on page 2)

Pending BLM approvals will  
subsequently be reviewed  
and scanned

## 28b. Production - Interval C

| Date First Produced | Test Date            | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
|                     |                      |              | →               |         |         |           |                       |             |                   |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |
|                     |                      |              | →               |         |         |           |                       |             |                   |

## 28c. Production - Interval D

| Date First Produced | Test Date            | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
|                     |                      |              | →               |         |         |           |                       |             |                   |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |
|                     |                      |              | →               |         |         |           |                       |             |                   |

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

| Formation   | Top  | Bottom | Descriptions, Contents, etc. | Name        | Top         |
|-------------|------|--------|------------------------------|-------------|-------------|
|             |      |        |                              |             | Meas. Depth |
| Bone Spring | 6835 |        |                              | Rustler     | 520         |
|             |      |        |                              | Top of Salt | 770         |
|             |      |        |                              | Capitan     | 2491        |
|             |      |        |                              | Delaware    | 4424        |
|             |      |        |                              | Bone Spring | 6835        |

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Megan MoravecTitle Regulatory Compliance AnalystSignature Megan MoravecDate 2/20/2015

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 as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)