

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

State of New Mexico **NM OIL CONSERVATION**  
Energy, Minerals & Natural Resources ARTESIA DISTRICT

Form C-104  
Revised August 1, 2011

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

AUG 21 2015  
Submit original copy to appropriate District Office

RECEIVED  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 / 7/19/15 |
| <sup>4</sup> API Number<br>30-015-42032   | <sup>5</sup> Pool Name<br>Hackberry, N; Bone Spring, NW | <sup>6</sup> Pool Code<br>97020                                     |
| <sup>7</sup> Property Code<br>40305   | <sup>8</sup> Property Name<br>Betelgeuse 19 Federal     | <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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| L             | 20      | 19S      | 31E   |         | 2350          | South            | 265           | West           | 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 |
|-----------------------------|--|--|-----------------------------------|------------------------------------|-------------------------------------|------------------|---------------|----------------|--------|
| 3                           | 19                                       | 19S  | 31E                               |                                    | 1757                                | South            | 280           | West           | Eddy   |
| <sup>12</sup> Lse Code<br>F | <sup>13</sup> Producing Method Code<br>P | <sup>14</sup> Gas Connection Date<br>7/19/15 | <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 | <sup>22</sup> Ready Date           | <sup>23</sup> TD        | <sup>24</sup> PBTB         | <sup>25</sup> Perforations | <sup>26</sup> DHC, MC |
|-------------------------|------------------------------------|-------------------------|----------------------------|----------------------------|-----------------------|
| 1/11/15                 | 7/19/15                            | 12761                   | 12714.3                    | 8130 - 12691               |                       |
| <sup>27</sup> Hole Size | <sup>28</sup> Casing & Tubing Size | <sup>29</sup> Depth Set | <sup>30</sup> Sacks Cement |                            |                       |
| 26"                     | 20"                                | 469                     | 1050 sx CIC; Circ 130 bbls |                            |                       |
| 17-1/2"                 | 13-3/8"                            | 2401                    | 2320 sx CIC; Circ 6 bbls   |                            |                       |
| 12-1/4"                 | 9-5/8"                             | 4080                    | 2480 sx cmt; Circ 0        |                            |                       |
| 8-3/4"                  | 7" & 5-1/2"                        | 12761                   | 2088 sx cmt; Circ 111 sx   |                            |                       |

**V. Well Test Data**

Tubing: 2-7/8"

| <sup>31</sup> Date New Oil | <sup>32</sup> Gas Delivery Date | <sup>33</sup> Test Date | <sup>34</sup> Test Length | <sup>35</sup> Tbg. Pressure | <sup>36</sup> Csg. Pressure |
|----------------------------|---------------------------------|-------------------------|---------------------------|-----------------------------|-----------------------------|
| 8/14/15                    | 8/14/15                         | 8/14/15                 | 24 hrs                    | 483 psi                     | 499 psi                     |
| <sup>37</sup> Choke Size   | <sup>38</sup> Oil               | <sup>39</sup> Water     | <sup>40</sup> Gas         | <sup>41</sup> Test Method   |                             |
|                            | 512 bbl                         | 1903 bbl                | 1689 mcf                  |                             |                             |

<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@dmn.com

Date: 8/19/2015

Phone:

|  |                                |
|--|--------------------------------|
| OIL CONSERVATION DIVISION  |                                |
| Approved by: <i>[Signature]</i>  | Title: <i>Dist. Supervisor</i> |
| Approval Date: 8-26-15   |                                |
| Pending BLM approvals will subsequently be reviewed and scanned <i>[Signature]</i> |                                |

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

AUG 21 2015

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

**RECEIVED**  
**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.**

5. Lease Serial No. **BHL: NMNM90534**

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.

8. Well Name and No.  
**Betelgeuse 19 Federal 7H**

9. API Well No.  
**30-015-42032**

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

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

1. Type of Well  
 Oil Well     Gas Well     Other

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

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

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

4. Location of Well (Footage, Sec., T.R.M., or Survey Description)  
**2350' FSL & 265' FWL Unit L, Sec 20, T19S, R31E**  
**1757' FSL & 280' FWL Lot 3, Sec 19, T19S, R31E**      **PP: 2175' FSL & 100' FWL**

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 <u>Completion Report</u> |
|   | <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 recomplete 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 recompletion 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.)

4/11/15-7/19/15: MIRU WL & PT. TIH & ran CBL, found TOC @ surf. TIH w/pump through frac plug and guns. Perf Bone Spring, 8130'-12691', total 640 holes. Frac'd 8130'-12691' in 16 stages. Frac totals 21,452 gals 15% HCl Acid, 6,688,000# 20/40 Ottawa Sand. ND frac, MIRU PU, NU BOP, DO plugs & CO to PBD 12714'. CHC, FWB, ND BOP. RIH w/228 jts 2-7/8" L-80 tbg, set @ 7378.3'. 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 **8/19/2015**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_ Title \_\_\_\_\_

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. Office \_\_\_\_\_

Pending BLM approvals will subsequently be reviewed and scanned *[Signature]*

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

(Instructions on page 2)

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

AUG 21 2015

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

**WELL COMPLETION OR RECOMPLETION REPORT**

5. Lease Serial No. **BHL: NMNM90534**

a. Type of Well  Oil Well  Gas Well  Dry  Other  
b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.,  
Other: \_\_\_\_\_

6. If Indian, Allottee or Tribe Name  
7. Unit or CA Agreement Name and No.

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

8. Lease Name and Well No. **Betelgeuse 19 Federal 7H**

3. Address **333 West Sheridan Ave, Oklahoma City, OK 73102** 3a. Phone No. (include area code) **405-228-4248**

9. AFI Well No. **30-015-42032**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface **2350' FSL & 265' FWL Unit L, Sec 20, T19S, R31E**  
At top prod. interval reported below  
At total depth **1757' FSL & 280' FWL Lot 3, Sec 19, T19S, R31E**

10. Field and Pool or Exploratory **Hackberry, N; Bone Spring, NW**  
11. Sec., T., R., M., on Block and Survey or Area **Sec 20, T19S, R31E**  
12. County or Parish **Eddy** 13. State **NM**

14. Date Spudded **1/11/15** 15. Date T.D. Reached **2/6/15** 16. Date Completed **7/19/15**  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\* **GL: 3411.2**

18. Total Depth: MD **12761** TVD **7917.82** 19. Plug Back T.D.: MD **12714.3** TVD \_\_\_\_\_

20. Depth Bridge Plug Set: MD \_\_\_\_\_ TVD \_\_\_\_\_

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **CBL / Gamma Ray / CCL**

22. Was well cored?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit report)  
Directional Survey?  No  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 Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|-------------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 26"       | 20" J-55          | 94#         | 0        | 469         |                      | 1050 sx CIC                  |                   | 0           | 130 bbls      |
| 17-1/2"   | 13-3/8" J-55      | 68#         | 0        | 2401        |                      | 2320 sx CIC                  |                   | 0           | 6 bbls        |
| 12-1/4"   | 9-5/8" J-55       | 40#         | 0        | 4080        | DV @ 2472.4          | 2480 sx cmt                  |                   | 0           |               |
| 8-3/4"    | 7" & 5-1/2" P-110 | 29# & 17#   | 0        | 12761       |                      | 2088 sx cmt                  |                   | 712         | 111 sx        |

24. Tubing Record

| Size   | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|--------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2-7/8" | 7378.3         |                   |      |                |                   |      |                |                   |

25. Producing Intervals

| Formation      | Top  | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|----------------|------|--------|---------------------|------|-----------|--------------|
| A) Bone Spring | 8130 | 12691  | 8130 - 12691        |      | 640       | open         |
| B)             |      |        |                     |      |           |              |
| C)             |      |        |                     |      |           |              |
| D)             |      |        |                     |      |           |              |

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

| Depth Interval | Amount and Type of Material                            |
|----------------|--|
| 8130 - 12691   | 21,452 gals 15% HCl Acid, 6,688,000# 20/40 Ottawa Sand |

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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 7/19/15             | 8/14/15              | 24           | →               | 512     | 1689    | 1903      |                       |             | Pump              |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |
|                     | 483psi               | 499psi       | →               |         |         |           | 3298.8                |             |                   |

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 Status |                   |
|                     |                      |              | →               |         |         |           |                       |             |                   |

Pending BLM approvals will subsequently be reviewed and scanned *[Signature]*

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

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 | 6575 |        |                              | Rustler<br>Top of Salt<br>Yates<br>Capitan<br>Delaware<br>Bone Spring | 410<br>526<br>2050<br>2365<br>4400<br>6575 |

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 Moravec Title Regulatory Compliance Analyst  
 Signature *Megan Moravec* Date 8/19/2015

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.