

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

AUG 21 2015  
Submit one copy to appropriate District Office

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

RECEIVED

☐ AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

<sup>1</sup> Operator name and Address Devon Energy Production Company, L.P. 333 West Sheridan, Oklahoma City, OK 73102		<sup>2</sup> OGRID Number 6137
		<sup>3</sup> Reason for Filing Code/ Effective Date NW / 7/19/15
<sup>4</sup> API Number 30-015-42032	<sup>5</sup> Pool Name Hackberry, N; Bone Spring, NW	<sup>6</sup> Pool Code 97020
<sup>7</sup> Property Code 40305	<sup>8</sup> Property Name Betelgeuse 19 Federal	<sup>9</sup> Well Number 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 F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 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 10 Desta Drive, Ste 350W Midland, TX 79710	Oil
036785	DCP Midstream P.O. Box 50020 Midland, TX 79710-0020	Gas

**IV. Well Completion Data**

<sup>21</sup> Spud Date 1/11/15	<sup>22</sup> Ready Date 7/19/15	<sup>23</sup> TD 12761	<sup>24</sup> PBTB 12714.3	<sup>25</sup> Perforations 8130 - 12691	<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"	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 8/14/15	<sup>32</sup> Gas Delivery Date 8/14/15	<sup>33</sup> Test Date 8/14/15	<sup>34</sup> Test Length 24 hrs	<sup>35</sup> Tbg. Pressure 483 psi	<sup>36</sup> Csg. Pressure 499 psi
<sup>37</sup> Choke Size	<sup>38</sup> Oil 512 bbl	<sup>39</sup> Water 1903 bbl	<sup>40</sup> Gas 1689 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@dmn.com

Date: 8/19/2015

Phone:

OIL CONSERVATION DIVISION	
Approved by: <i>[Signature]</i>	Title: <i>Dist. H. Spenser</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

**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.

1. Type of Well

☒ Oil Well    ☐ Gas Well    ☐ Other

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

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

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

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, N; Bone Spring, NW**

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**

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.)

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 PBTD 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

Office

Pending BLM approvals will  
subsequently be reviewed  
and scanned

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

Department or agency of the United States any false,

(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 AND LOG**

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)\*

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**

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**

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)						

**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	
			→						

\*(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	6575			Rustler	410
				Top of Salt	526
				Yates	2050
				Capitan	2365
				Delaware	4400
				Bone Spring	6575

32. Additional remarks (include plugging procedure):

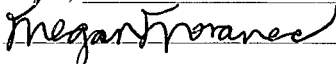
## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ 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 MoravecTitle Regulatory Compliance Analyst

Signature

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.

(Continued on page 3)

(Form 3160-4, page 2)