

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
Energy, Minerals & Natural Resources

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

NM OIL CONSERVATION

ARTESIA DISTRICT

Form C-104

Revised August 1, 2011

AUG 24 2015

Submit one copy to appropriate District Office

RECEIVED ☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Devon Energy Production Company, L.P. 333 West Sheridan, Oklahoma City, OK 73102		² OGRID Number 6137
		³ Reason for Filing Code/ Effective Date NW / 7/22/15
⁴ API Number 30-015-41900	⁵ Pool Name Hackberry; Bone Spring, NW	⁶ Pool Code 97020
⁷ Property Code 40305	⁸ Property Name Betelgeuse 19 Federal	⁹ Well Number 8H

II. ¹⁰ 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		2300	South	265	West	Eddy

¹¹ 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
4 M	19	19S	31E		585	South	280	West	Eddy
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 7/22/15	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ 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

²¹ Spud Date 2/14/15	²² Ready Date 7/22/15	²³ TD 13378 7934	²⁴ PBSD 13333.6	²⁵ Perforations 9040 - 13300	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
26"	20"	468	960 sx CIC; Circ 258 sx		
17-1/2"	13-3/8"	2417	537 sx CIC; Circ 476 sx		
12-1/4"	9-5/8"	4071	1650 sx CIC; Circ 142 sx		
8-3/4"	7" & 5-1/2"	13378	1933 sx CIH; Circ 0		

V. Well Test Data

Tubing: 2-7/8"

³¹ Date New Oil 8/17/15	³² Gas Delivery Date 8/17/15	³³ Test Date 8/17/15	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 581 psi	³⁶ Csg. Pressure 676 psi
³⁷ Choke Size	³⁸ Oil 920 bbl	³⁹ Water 1739 bbl	⁴⁰ Gas 2455 mcf		⁴¹ Test Method
⁴² 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: <i>Megan Moravec</i> Printed name: Megan Moravec Title: Regulatory Compliance Analyst E-mail Address: megan.moravec@dmv.com Date: 8/21/2015			OIL CONSERVATION DIVISION Approved by: <i>[Signature]</i> Title: <i>Dist. H. Supervisor</i> Approval Date: 8-26-15 Pending BLM approvals will subsequently be reviewed and scanned <i>[Signature]</i>		

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION
NM OIL CONSERVATION

ARTESIA DISTRICT

AUG 24 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 8H

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

9. API Well No.
30-015-41900

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, NW

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2300' FSL & 265' FWL Unit L, Sec 20, T19S, R31E
585' FSL & 280' FWL Lot 4, Sec 19, T19S, R31E

PP: 2010' FSL & 222' 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 Completion Report
	<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.)

4/12/15-7/22/15: MIRU WL & PT. TIH & ran CBL, found TOC @ surf. TIH w/pump through frac plug and guns. Perf Bone Spring, 9040'-13300', total 640 holes. Frac'd 9040'-13300' in 16 stages. Frac totals 20,349 gals 15% HCl Acid, 8,522,000# 20/40 Ottawa Sand. ND frac, MIRU PU, NU BOP, DO plugs & CO to PBDT 13333.6'. CHC, ND BOP. RIH w/231 jts 2-7/8" L-80 tbg, set @ 7477.5'. 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 **8/21/2015**

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

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and 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

any false,

NM OIL CONSERVATION

ARTESIA DISTRICT

AUG 24 2015

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. BHL: NMNM90534	
b. 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. Resrv.,		6. If Indian, Allottee or Tribe Name	
Other: _____		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 8H	
3. Address 333 West Sheridan Ave, Oklahoma City, OK 73102		9. AFI Well No. 30-015-41900	
3a. Phone No. (include area code) 405-228-4248		10. Field and Pool or Exploratory Hackberry; Bone Spring, NW	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 2300' FSL & 265' FWL Unit L, Sec 20, T19S, R31E At top prod. interval reported below At total depth 585' FSL & 280' FWL Lot 4, Sec 19, T19S, R31E		11. Sec., T., R., M., on Block and Survey or Area Sec 20, T19S, R31E	
14. Date Spudded 2/14/15		12. County or Parish Eddy	
15. Date T.D. Reached 3/12/15		13. State NM	
16. Date Completed 7/22/15 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* GL: 3409	
18. Total Depth: MD 13378 TVD 7934.39		19. Plug Back T.D.: MD 13333.6 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? <input type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)		Was DST run? <input type="checkbox"/> No <input type="checkbox"/> Yes (Submit report)	
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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26"	20" J-55	94#	0	468		960 sx CIC		0	258 sx
17-1/2"	13-3/8" J-55	68#	0	2417		537 sx CIC		0	476 sx
12-1/4"	9-5/8" J-55	40#	0	4071	DV @ 2476.2	1650 sx CIC		0	142 sx
8-3/4"	7" & 5-1/2" P-110	29# & 17#	0	13378		1933 sx CIH		1260	

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"	7477.5								

25. Producing Intervals				26. Perforation Record			
Formation	Top	Bottom		Perforated Interval	Size	No. Holes	Perf. Status
Bone Spring	9040	13300		9040 - 13300		640	open
B)							
C)							
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, etc.		Amount and Type of Material
Depth Interval		
9040 - 13300		20,349 gals 15% HCl Acid, 8,522,000# 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
7/22/15	8/17/15	24	→	920	2455	1739			Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	581psi	676psi	→				2668.5		

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

*(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):	31. Formation (Log) Markers
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.	

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:

<input checked="" type="checkbox"/> Electrical/Mechanical Logs (1 full set req'd.)	<input type="checkbox"/> Geologic Report	<input type="checkbox"/> DST Report	<input checked="" type="checkbox"/> Directional Survey
<input type="checkbox"/> Sundry Notice for plugging and cement verification	<input type="checkbox"/> Core Analysis	<input type="checkbox"/> 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 8/21/2015

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)