

# NM OIL CONSERVATION

ARTESIA DISTRICT

DEC 30 2014

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

## WELL COMPLETION OR RECOMPLETION REPORT

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

2. Name of Operator **DEVON ENERGY PRODUCTION COMPANY** Contact: **MEGAN MORAVEC**  
megan.moravec@devon.com

3. Address **333 WEST SHERIDAN AVENUE** 3a. Phone No. (include area code)  
**OKLAHOMA CITY, OK 73102** Ph: **405-552-3622**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface **Sec 20 T19S R31E Mer**  
**SWNW Lot E 1699FNL 265FWL**  
At top prod interval reported below **Sec 19 T19S R31E Mer**  
**2255FNL 122FEL**  
At total depth **Sec 19 T19S R31E Mer**  
**SWNW Lot 2 2280FNL 430FWL**

5. Lease Serial No.  
**NMNM90534**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
**BETELGEUSE 19 FEDERAL 6H**

9. API Well No.  
**30-015-42031**

10. Field and Pool, or Exploratory  
**HACKBERRY; BONE SPRING**

11. Sec., T., R., M., or Block and Survey  
or Area **Sec 20 T19S R31E Mer**

12. County or Parish  
**EDDY**

13. State  
**NM**

14. Date Spudded  
**06/02/2014**

15. Date T.D. Reached  
**06/26/2014**

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
**09/15/2014**

17. Elevations (DF, KB, RT, GL)\*  
**3416 GL**

18. Total Depth: **MD** **12758**  
**TVD** **7891**

19. Plug Back T.D.: **MD** **12711**  
**TVD**

20. Depth Bridge Plug Set: **MD**  
**TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**CBL GAMMA RAY CASING COLLAR LOG**

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☐ No ☒ Yes (Submit analysis)

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
26.000	20.000 J-55	94.0	0	468		1548		0	34
17.500	13.375 J-55	68.0	0	2362		1805		0	272
12.250	9.625 J-55	40.0	0	4024		1888		0	326
8.750	5.500 HCP-110	17.0	0	12703		2410		0	0
				12758					

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	7548							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) <b>BONE SPRING</b>	<b>8238</b>	<b>12701</b>	<b>8238 TO 12701</b>		<b>400</b>	<b>OPEN</b>
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
<b>8238 TO 12701</b>	<b>54.094 GALS 15% HCL ACID, 3,360,354# 40/70 WHITE, 4,888,833 # 30/50 WHITE</b>

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
<b>09/15/2014</b>	<b>10/05/2014</b>	<b>24</b>	<b>→</b>	<b>604.0</b>	<b>1051.0</b>	<b>1189.0</b>		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
	<b>490</b>	<b>500.0</b>	<b>→</b>				<b>1740</b>	

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
			<b>→</b>					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			<b>→</b>					

**ACCEPTED FOR RECORD**

Production Method  
**ELECTRIC PUMPING UNIT**

**DEC 18 2014**

**BUREAU OF LAND MANAGEMENT**  
**CARLSBAD FIELD OFFICE**

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #269320 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

RECLAMATION OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

DUE 4/5/15

CP

## 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(Sold, 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
RUSTLER	412	546	BARREN	RUSTLER	412
SALADO	546	1875	BARREN	SALADO	546
SALT BASE	1875	1953	BARREN	SALT BASE	1875
TANSIL	1953	2088	BARREN	TANSIL	1953
YATES	2088	2339	BARREN	YATES	2088
SVRV	2339	2431	OIL	SVRV	2339
CAPITAN	2431	3291	OIL	CAPITAN	2431
QUEEN	3291	3645	OIL	QUEEN	3291

## 32. Additional remarks (include plugging procedure):

Additional Formations and Descriptions:

SADR Top: 3645 Bottom: 4523 OIL  
 Delaware Top: 4523 Bottom: 6573 OIL  
 1st Bone Springs Lm Top: 6573 Bottom: 7986 OIL  
 1st Bone Springs Ss Top: 7986 Bottom: Not listed, not penetrated OIL

## 33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)      2. Geologic Report      3. DST Report      4. Directional Survey  
 5. Sundry Notice for plugging and cement verification      6. Core Analysis      7. Other:

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

Electronic Submission #269320 Verified by the BLM Well Information System.  
 For DEVON ENERGY PRODUCTION COMPAN, sent to the Carlsbad  
 Committed to AFMSS for processing by DEBORAH HAM on 12/18/2014 ()

Name (please print) MEGAN MORAVECTitle REGULATORY ANALYSTSignature (Electronic Submission)Date 10/08/2014

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

**Additional data for transaction #269320 that would not fit on the form**

**32. Additional remarks, continued**

Cmt / Csg:  
DVT in 2nd intermediate csg @ 2415'.