

DEC 23 2014  
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Form 3160-4  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMMN90534

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
BETELGEUSE 19 FEDERAL 5H9. API Well No.  
30-015-41899-00-S110. Field and Pool, or Exploratory  
HACKBERRY11. Sec., T., R., M., or Block and Survey  
or Area Sec 19 T19S R31E Mer NMP12. County or Parish  
EDDY13. State  
NM17. Elevations (DF, KB, RT, GL)\*  
3417 GL1a. 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 CO. Contact: TAMI SHIPLEY  
Email: tami.laird@devn.com3. Address 333 WEST SHERIDAN AVE  
OKLAHOMA CITY, OK 73102 3a. Phone No. (include area code)  
Ph: 405-228-2816

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

At surface NENE 430FNL 190FEL 32.653147 N Lat, 103.900021 W Lon

At top prod interval reported below NENE 430FNL 190FEL

At total depth Lot 1 972FNL 354FWL

14. Date Spudded  
03/24/201415. Date T.D. Reached  
04/20/201416. Date Completed  
☐ D & A ☒ Ready to Prod.  
04/20/201418. Total Depth: MD  
TVD 12603  
787419. Plug Back T.D.: MD  
TVD 1255520. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
GAMMARAY22. 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 J55	94.0	0	466		1455		0	
17.500	13.375 J55	68.0	0	2475		1840		0	
12.250	9.625 J55	40.0	0	4025		2300		2521	
8.750	5.500 HCP-110	17.0	0	12603		2325		300	

## 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	7447							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8037	12537	8037 TO 12537		360	OPEN - Bone Spring
B)						
C)						
D)						

## 26. Perforation Record

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

Depth Interval	Amount and Type of Material
8037 TO 12537	32,172 GAL ACID, 224,850# 100 MESH, 874,664# 40/70 WHITE, 418,141# 20/40 SLC

## 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
05/29/2014	06/21/2014	24	→	456.0	1276.0	1326.0			FLOW FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
380	380	200.0	→	456	1276	1326	2798	POW	

## 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	
SI			→						

ACCEPTED FOR RECORD

DEC 17 2014  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #263853 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

RECLAIMA \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

DUE 12/21/14

OK

## 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	410	533	BARREN	RUSTLER	410
SALADO	533	1886	BARREN	TOP SALT	533
BASE OF SALT	1886	1968	BARREN	BASE OF SALT	1886
TANSILL	1968	2104	BARREN	TANSILL	1968
YATES	2104	2371	BARREN	YATES	2104
SEVEN RIVERS	2371	2463	OIL	SEVEN RIVERS	2371
CAPITAN REEF	2463	3239	OIL	CAPITAN REEF	2463
QUEEN	3239	3638	OIL	QUEEN	3239
DELAWARE SAND	3638	4282	OIL	DELAWARE SAND	3638
DELAWARE	4282	6743	OIL	DELAWARE	4282
BONE SPRING 1ST	6743	7976	OIL	BONE SPRING 1ST	6743
BONE SPRING	7976		UNKNOWN OIL	BONE SPRING	7976

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

SNDR 3638 4282 oil  
DLWR 4282 4387 oil  
CYCN 4387 5075 oil  
BRCN 5075 6338 oil  
BRCL 6338 6743 oil  
1BSLM 6743 7976 oil  
1BSSS 7976 Unknown 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 #263853 Verified by the BLM Well Information System.  
For DEVON ENERGY PRODUCTION CO LP, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH HAM on 12/02/2014 (15DMH0149SE)

Name (please print) TAMI SHIPLEY

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 09/16/2014

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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

**Additional data for transaction #263853 that would not fit on the form**

**32. Additional remarks, continued**

TOP: 6/4/14

Gamma Ray log and Directional Survey will be sent via Fed-Ex, overnight, along with the C-104 and Completion Sundry.