

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

OCD ~~Access~~ 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 AND LOG**

RECEIVED

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 CO.** Contact: TAMI SHIPLEY  
 Email: tami.laird@dvn.com

3. 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 **Sec 19 T19S R31E Mer NMP**  
**NENE 480FNL 190FEL 32.651825 N Lat, 103.900633 W Lon**  
 At top prod interval reported below **Sec 19 T19S R31E Mer NMP**  
**NENE 480FNL 190FEL**  
 At total depth **Sec 20 T19S R31E Mer NMP**  
**NENE 595FNL 342FEL**

5. Lease Serial No. **NMNM28328**

6. If Indian, Allottee or Tribe Name \_\_\_\_\_

7. Unit or CA Agreement Name and No. **NMNM 129458**

8. Lease Name and Well No. **RIGEL 20 FED COM 5H**

9. API Well No. **30-015-41514-00-X1**

10. Field and Pool, or Exploratory **HACKBERRY**

11. Sec., T., R., M., or Block and Survey or Area **UNKNOWN**  
**Sec 19 T19S R31E Mer NMP**

12. County or Parish **EDDY**

13. State **NM**

14. Date Spudded **02/25/2014**

15. Date T.D. Reached **03/20/2014**

16. Date Completed **06/08/2014**  
 D & A  Ready to Prod.

17. Elevations (DF, KB, RT, GL)\* **3417 GL**

18. Total Depth: **MD 12835**  
**TVD 8012**

19. Plug Back T.D.: **MD 12787**  
**TVD**

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

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**NONERAN**

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 J55	94.0	0	470		1099		0	
17.500	13.375 J55	61.0	0	2460		2305		529	
12.250	9.625 J55	40.0	0	4002		1945		2545	
8.750	5.500 HCP-110	17.0	0	12835		2760		4995	

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	7696							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8235	12767	8235 TO 12767		360	OPEN - Bone Spring
B)						
C)						
D)						

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8235	12767	8235 TO 12767		360	OPEN - Bone Spring

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

Depth Interval	Amount and Type of Material
8235 TO 12767	32,014 GAL 15% HCL; 223,191# 100 MESH; 882,682# 40/70; 46,994# 20/40

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
06/13/2014	06/23/2014	24	→	226.0	645.0	1169.0			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
			→	226	645	1169	2854		POW

**ACCEPTED FOR RECORD**  
 FLOWS FROM WELL

NOV 21 2014

*[Signature]*

BUREAU OF LAND MANAGEMENT  
 CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)  
 ELECTRONIC SUBMISSION #256926 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\*BLM-REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

RECLAMATION  
 DUE 12/23/14

*[Handwritten initials]*

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	409	535	BARREN	RUSTLER	409
SALADO	535	1967	BARREN	SALADO	535
TANSILL	1967	2105	BARREN	TANSILL	1967
YATES	2105	2370	OIL	YATES	2105
SEVEN RIVERS	2370	2464	OIL	SEVEN RIVERS	2370
CAPITAN REEF	2464	3243	OIL	CAPITAN REEF	2464
QUEEN	3243	4336	OIL	QUEEN	3243
DELAWARE	4336	6534	OIL	DELAWARE	4336
				BONE SPRING	8235

32. Additional remarks (include plugging procedure):

1st BSLM 6536 7906 oil  
 1 BSS 7906 7977 oil  
 1st BSPG 7977 8140 oil  
 1st BSPG base 8140 8189 oil  
 1st BSPG mid 8189 Unknown oil

6/8/14: TOP.

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 #256926 Verified by the BLM Well Information System.**  
 For DEVON ENERGY PRODUCTION CO LP, sent to the Carlsbad  
 Committed to AFMSS for processing by DUNCAN WHITLOCK on 11/20/2014 (15DW0069SE)

Name (please print) TAMI SHIPLEY Title REGULATORY ANALYST

Signature (Electronic Submission) Date 08/13/2014

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.