

# NM OIL CONSERVATION

ARTESIA DISTRICT  
OCD, Artesia

JUL 25 2014

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

5. Lease Serial No.  
NMMN0107697

1a. 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 CO LP  
Contact: JUDY A BARNETT

8. Lease Name and Well No.  
ANTARES 23 FEDERAL 2H

3. Address 333 WEST SHERIDAN AVE  
OKLAHOMA CITY, OK 73102  
3a. Phone No. (include area code)  
Ph: 405.228.8699

9. API Well No.  
30-015-41106-00-S1

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

At surface NWNW 1080FNL 225FWL

At top prod interval reported below NWNW 1707FNL 330FWL

At total depth NWNW 2265FNL 329FEL

10. Field and Pool, or Exploratory  
CEDAR CANYON

11. Sec., T., R., M., or Block and Survey  
or Area Sec 23 T19S R31E Mer NMP

12. County or Parish  
EDDY  
13. State  
NM

14. Date Spudded  
09/21/2013  
15. Date T.D. Reached  
10/15/2013  
16. Date Completed  
☐ D & A ☒ Ready to Prod.  
12/24/2013

17. Elevations (DF, KB, RT, GL)\*  
3540 GL

18. Total Depth: MD 14193  
TVD 9241  
19. Plug Back T.D.: MD 14143  
TVD  
20. Depth Bridge Plug Set: MD  
TVD

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

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26.000	20.000 K-55	94.0	0	679		1700		0	
17.500	13.375 J-55	68.0	0	2613		1940		0	
12.250	9.625 J-55	40.0	0	4305	2663	1400		0	
8.750	5.500 P-110	17.0	0	14193	5000	2605		2568	

### 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	8525							

### 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING			9555 TO 14109	0.420	416	PRODUCING
B)						
C)						
D)						

### 26. Perforation Record

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

Depth Interval	Amount and Type of Material
9555 TO 14109	TOTAL 47,187# 100 MESH WHITE SD; 995,126# 40/70 WHITE SD; 284,936# 40/70 SUPER LC W/ 30K G 15% HCL.

### 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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	<div>ACCEPTED FOR RECORD</div> <div>JUL 21 2014</div> <div>BUREAU OF LAND MANAGEMENT</div> <div>CARLSBAD FIELD OFFICE</div>
			→						

### 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 reverse side)

ELECTRONIC SUBMISSION #232785 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Need 28. Prod. info

RECLAMATION  
DUE 6-24-14

## 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.)  
UNKNOWN

## 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
				TOP SALT	830
				BASE OF SALT	2310
				YATES	2403
				CAPITAN REEF	2700
				DELAWARE	4430

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

11/4/13 - 12/17/13

DO DV @ 5023'. PT csg @ 1000 psi, good. Circ 360 bbls 2% KCL. MIRU WL. RIH w/ CBL. TOC @ 2568'. RIH w/ guns & perf fr 9555-14109' @ 4 spf. Acidize & frac perms w/ Total 47,187# 100 mesh white sd; 995,126# 40/70 white sd; 284,936# 40/70 Super LC & 30K g 15% HCL. TIH & DO frac plugs. EOT @ 8525'. CHC. TOP.

## 33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)  
5. Sundry Notice for plugging and cement verification

2. Geologic Report  
6. Core Analysis

3. DST Report  
7. Other:

4. Directional Survey

## 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 #232785 Verified by the BLM Well Information System.  
For DEVON ENERGY PRODUCTION CO LP, sent to the Carlsbad  
Committed to AFMSS for processing by CATHY QUEEN on 06/16/2014 (14CQ0454SE)

Name (please print) JUDY A BARNETT

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 01/22/2014

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 \*\*