

**NM OIL CONSERVATION
ARTESIA DISTRICT**

OCDJARTESIA015

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.
NMLC069464A

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 COMPANY** Contact: **MEGAN MORAVEC**
megan.moravec@dvn.com

8. Lease Name and Well No.
ARCTURUS 18 FEDERAL 5H

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

9. API Well No.
30-015-41802'

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **NENE Lot A 845FNL 250FEL**
At top prod interval reported below **616FNL 240FEL**
At total depth **NWNW Lot D 430FNL 347FWL**

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

11. Sec., T., R., M., or Block and Survey
or Area **Sec 18 T19S R31E Mer**

12. County or Parish
EDDY 13. State
NM

14. Date Spudded
10/19/2014 15. Date T.D. Reached
11/10/2014 16. Date Completed
 D & A Ready to Prod.
01/08/2015

17. Elevations (DF, KB, RT, GL)*
3437 GL

18. Total Depth: MD **12296** TVD **7880** 19. Plug Back T.D.: MD **12249** TVD **7880** 20. Depth Bridge Plug Set: MD **12249** TVD **7880**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL / GAMMA RAY / CCL 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	553		1175		0	308
17.500	13.375 J-55	68.0	0	2412		1775		0	340
12.250	9.625 J-55	40.0	0	3984		1372		0	122
8.750	7.000 P-110	29.0	0	12296		1693		844	0

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	7424							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8113	12239	8113 TO 12239		640	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8113 TO 12239	48,548 GALS 15% HCL ACID, 4,408,105# 30/50 WHITE, 1,739,436# 20/40 SLC, 112,909# 30/50 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
01/08/2015	01/26/2015	24	→	272.0	1367.0	1481.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	362	252.0	→				5026		

ACCEPTED FOR RECORD
JUN 17 2015
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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. SI	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 #289773 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Reclamation
Date: 7/26/15

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	Thg. 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	Thg. 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	472	633	BARREN	RUSTLER	472
TOP OF SALT	633	1952	BARREN	TOP OF SALT	633
CAPITAN	2422	3206	BARREN	CAPITAN	2422
DELAWARE	4744	6484	OIL	DELAWARE	4744
BONE SPRING	6484		OIL	BONE SPRING	6484

32. Additional remarks (include plugging procedure):
 Production csg as follows: 165 jts 7" 29# P-110 csg and 114 jts 5-1/2" 17# P-110 csg, set @ 12296'.
 DVT @ 2456.4'.

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 #289773 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 06/02/2015 ()**

Name (please print) MEGAN MORAVEC Title REGULATORY ANALYST

Signature _____ (Electronic Submission) Date 01/28/2015

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.