

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION
ARTESIA DISTRICT
JAN 14 2016
Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT **REVISED 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 7H.

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

9. API Well No.
30-015-42618

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface NWSW Lot L 2080FSL 20FWL
 Sec 17 T19S R31E Mer
 At top prod interval reported below 2060FSL 98FWL
 Sec 17 T19S R31E Mer
 Sec 18 T19S R31E Mer
 At total depth NWSW Lot 3 2080FSL 300FWL

10. Field and Pool, or Exploratory
HACKBERRY, BONE SPRING, NW
 11. Sec., T., R., M., or Block and Survey
or Area Sec 17 T19S R31E Mer
 12. County or Parish
EDDY
 13. State
NM

14. Date Spudded
04/30/2015
 15. Date T.D. Reached
05/19/2015
 16. Date Completed
 D & A Ready to Prod.
07/26/2015

17. Elevations (DF, KB, RT, GL)*
3424 GL

18. Total Depth: MD 12624 TVD 7825
 19. Plug Back T.D.: MD 12575 TVD
 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL / GAMMA RAY / CCL, GAMMA RAY REAL TIME
 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 J-55	94.0	0	512		1833		0	35
17.500	13.375 J-55	61.0	0	2433		1866		0	64
12.250	9.625 J-55	40.0	0	4040		1468		0	53
8.750	7.000 P-110	29.0	0	12624		1892		0	0
8.750	5.50 P-110	17.0							

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	7314							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8269	12567	8269 TO 12567		640	OPEN
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
8269 TO 12567	24,003 GALS 15% HCL ACID, 6,633,000# 20/40 OTTAWA SAND

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
07/26/2015	08/18/2015	24	→	489.0	1976.0	2059.0		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
SI	549	519.0	→				4040	

ACCEPTED FOR RECORD
 ELECTRIC PUMP SUB-SURFACE
 JAN 11 2016
 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
			→					
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
SI			→					

(See Instructions and spaces for additional data on reverse side)
 ELECTRONIC SUBMISSION #314152 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
 ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **
 Reclamation Due: 2/18/16

AB

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, tune tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
RUSTLER	428	562	BARREN	RUSTLER	428
TOP OF SALT	562	1964	BARREN	TOP OF SALT	562
YATES	2133	2443	BARREN	YATES	2133
CAPITAN	2532	3272	BARREN	CAPITAN	2532
DELAWARE	4875	6512	OIL	DELAWARE	4875
BONE SPRING	6512		OIL	BONE SPRING	6512

32. Additional remarks (include plugging procedure):
All cmt circ to surf listed in bbbs.

Prod csg as follows: 159 jts 7" 29# P-110 & 123 jts 5-1/2" 17# P-110, set @ 12624'.

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 #314152 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 12/21/2015 ()

Name (please print) MEGAN MORAVEC

Title REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 08/26/2015

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****