

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

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

3. Address **333 WEST SHERIDAN AVENUE** 3a. Phone No. (include area code)  
**OKLAHOMA CITY, OK 73102** Ph: **405.552.3622**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface **SWSW Lot M 300FSL 312FWL**  
At top prod interval reported below **352FSL 197FWL**  
At total depth **SWSW Lot 4 351FSL 360FWL**

5. Lease Serial No. **NMLC069464A**

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

7. Unit or CA Agreement Name and No. \_\_\_\_\_

8. Lease Name and Well No. **ARCTURUS 18 FED COM 8H**

9. API Well No. **30-015-42033**

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 **08/02/2014** 15. Date T.D. Reached **08/30/2014** 16. Date Completed  D & A  Ready to Prod.  
**10/23/2014**

17. Elevations (DF, KB, RT, GL)\* **3422 GL**

18. Total Depth: **MD 12948** 19. Plug Back T.D.: **MD 12901** 20. Depth Bridge Plug Set: **MD**  
**TVD 7876** **TVD** **TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**CEMENT BOND GAMMA RAY CASING COLLAR LOG**

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	472		1065		0	418
17.500	13.375 J-55	68.0	0	2262		3409		0	115
12.250	9.625 J-55	40.0	0	3991		1595		0	40
8.750	5.500 P-110	17.0	0	12948		2392		1801	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	7145							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8426	12891	8426 TO 12891		344	OPEN
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
8426 TO 12891	30,000 GALS 7.5% HCL ACID, 4,636,380 # 30/50 WHITE, 1,765,580 # 20/40 CRC

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production MCF
10/23/2014	11/11/2014	24	→	291.0	347.0	1417.0			
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	2950	400.0	→				1192		

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 MCF
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

**ACCEPTED FOR RECORD**  
FLOWS FROM WELL  
JAN 21 2015  
*Deborah Ham*  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #280177 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation Due: 5/11/15

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	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 ANHYDRITE	435	550	BARREN	RUSTLER ANHYDRITE	435
SALT	550	1987	BARREN	SALT	550
TANSIL	1987	2095	BARREN	TANSIL	1987
YATES	2095	2395	OIL	YATES	2095
SEVEN RIVERS	2395	2490	OIL	SEVEN RIVERS	2395
CAPITAN	2490	4750	BARREN	CAPITAN	2492
DELAWARE	4750	6525	OIL / GAS	DELAWARE	4750
BONE SPRING	6525	7790	OIL / GAS	BONE SPRING	6525

32. Additional remarks (include plugging procedure):

1st Bone Spring TOP: 7790 BOTTOM: 8132 DESCRIPTION: OIL / GAS  
2nd BS Limestone TOP: 8132 BOTTOM: n/a DESCRIPTION: OIL / GAS

Cement: 2nd intermediate csg cmt circ listed in bbls (circ 40 bbls cmt to surf).

DVT @ 5029.6'.

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 #280177 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 01/15/2015 ()

Name (please print) MEGAN MORAVEC Title REGULATORY ANALYST

Signature (Electronic Submission) Date 11/18/2014

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***