

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED  
OMB NO 1004-0137  
Expires March 31, 2007

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NM 126966  
NMNM-LC 069464-A1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.,  
Other: \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
Devon Energy Production Co., LP8. Lease Name and Well No.  
Arcturus 18 Federal 4H3. Address 20 North Broadway  
OKC, OK 73102

3a. Phone No. (include area code)

405-552-7802

9. AFI Well No.  
30-015-38611

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

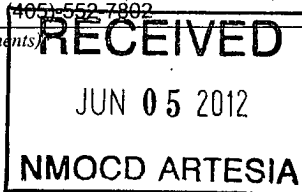
1150' FSL &amp; 340' FWL

At surface

1092' FSL &amp; 375' FWL

At top prod. interval reported below

At total depth 300' FSL &amp; 456' FEL

10. Field and Pool or Exploratory  
Hackberry; Bone Spring, North11. Sec., T., R., M., on Block and  
Survey or Area Sec 18-T19S-R31E

12. County or Parish 13. State

Eddy

NM

14. Date Spudded  
11/15/201115. Date T.D. Reached  
12/05/2011

16. Date Completed

☐ D & A☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)\*  
3248' GL18. Total Depth: MD 13,247'  
TVD 8,875'19. Plug Back T.D.: MD 13,578'  
TVD20. Depth Bridge Plug Set MD  
TVD n/a21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CBL22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (H/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
26"	20" H-40	94#	0'	120'				Surface	
17 1/2"	13 3/8" H-40	48#	0'	393'		500 sx CI C		Surface	DV Tool @ 4492 - 95'
12 1/4"	9 5/8" J-55	40#	0'	3101'		1050 sx CI C		Surface	
8 3/4"	5 1/2" P-110	17#	0'	13247'		460 sx CI H		TOC @ 2110'	per CBL

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 7/8"	8,342'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Bone Spring	9200'	13178'	9200 - 13178'	6 SPF	180	Producing
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9200' - 13178'	Acidize w/7,500 gals 7 5% HCL acid. Frac w/47,186 100 mesh white sd & 1,151,726 lbs 20/40 white snd & 339,982 20/40 LBD.

RECLAMATION  
DUE 9-5-12

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
03/05/12	03/15/12	24	→	555	620	710			Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
250#	120#	→	→	555	620	710	1117.117	Producing	

ACCEPTED FOR RECORD

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	
			→						

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\*(See instructions and spaces for additional data on page 2)

## 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 (Solid 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
				Delaware Bone Spring	4261' 6413'
				1st Bone Spring 2nd Bone Spring	7799' 8190'
				2nd Bone Spring Sand	8620'

## 32. Additional remarks (include plugging procedure)

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## 33. Indicate which items have been attached by placing a check in the appropriate boxes.

- ☐ Electrical/Mechanical Logs (1 full set req'd)     
 ☐ Geologic Report     
 ☐ DST Report     
 ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification     
 ☐ Core Analysis     
 ☐ Other.

## 34 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Stephanie A. Ysasaga

Title Sr. Staff Engineering Technician

Signature

Date 05/18/2012

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

(Continued on page 3)

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