

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
OCD Artesia

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5 Lease Serial No.
NMNM-LC 069464-A
6 If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☒ Other REVISED 3160-5: CORRECT BHL CALLS

2 Name of Operator
Devon Energy Production Co., LP

3a. Address
20 North Broadway
OKC, OK 73102

3b. Phone No (include area code)
(405)-552-7802

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 18-T19S-R31E
SL 1150' FSL & 340' FWL REVISED BHL 452' FSL & 403' FEL PER MWD SURVEY

7. If Unit of CA/Agreement, Name and/or No

8 Well Name and No
Arcturus 18 Federal 4H

9. API Well No.
30-015-38611

10. Field and Pool or Exploratory Area
Hackberry; Bone Spring, NW

11. Country or Parish, State
Eddy County, NM

12 CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Corrected
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Bottom Hole Location
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	Calls

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

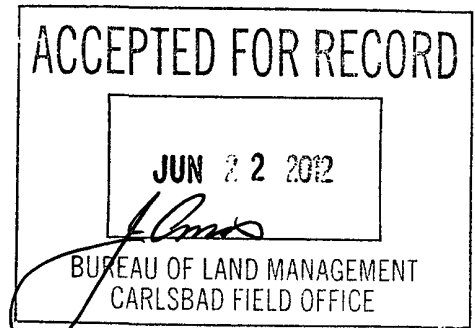
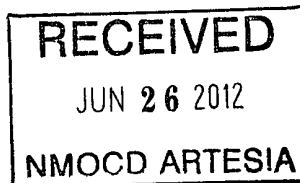
Devon Energy respectfully advises that the completion papers initially filed had an incorrect lease line calls for the BHL.

Initial BHL Filed: 300' FSL & 456' FEL
Corrected BHL: 452' FSL & 403' FEL

Corrected per the MWD filed with the BLM & OCD.

From MWD Survey:

Surface Calls	Closure	BHL Calls
1150' FSL	-697.72	452.28 FSL
340' FWL	4536.48	403.52 FEL



Accepted for record
NMOCD

APR 26 7/5/12

14 I hereby certify that the foregoing is true and correct
Name (Printed/Typed)
Stephanie A. Ysasaga

Title Sr. Staff Engineering Technician

Signature

Date 06/08/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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.

(Instructions on page 2)

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr
Santa Fe, NM 87505

Form C-102

Revised October 15, 2009

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name HACKBERRY; BONE SPRING, NW
Property Code	⁴ Property Name ARCTURUS "18" FEDERAL	⁵ Well Number 4H
⁶ OGRID No. 6137	⁷ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁸ Elevation 3410.4

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County
M	18	19 S	31 E		1150	SOUTH	340	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County
O	18	19 S	31 E		452	SOUTH	403	EAST	EDDY

¹² Dedicated Acres 120	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>NW CORNER SEC. 18 LAT. = 32.657617°N LONG. = 103.916936°W NMSP EAST (FT) N = 606846.48 E = 669467.90</p>	<p>NE CORNER SEC. 18 LAT. = 32.667674°N LONG. = 103.900078°W NMSP EAST (FT) N = 606887.83 E = 674658.73</p>	<p>¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unitized mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or in a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature: <i>[Signature]</i> Date: 08/10/2011</p> <p>Printed Name: STEPHANIE A. VSASAGA</p>
<p>ARCTURUS "18" FED. #4H ELEV = 3410.4' LAT. = 32.656267°N (NAD83) LONG. = 103.915842°W NMSP EAST (FT) N = 669821.05 E = 669821.81</p>	<p>SW CORNER SEC. 18 LAT. = 32.653103°N LONG. = 103.918948°W NMSP EAST (FT) N = 601554.85 E = 669485.12</p>	
<p>SURFACE LOCATION</p> <p>340'</p> <p>1150'</p> <p>SW CORNER SEC. 18</p> <p>340'</p> <p>1150'</p>		<p>¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>JANUARY 31, 2011</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor: <i>[Signature]</i></p> <p>Certificate Number: HUAB001 F. JARAQUE LO, PLS 12797</p> <p>SURVEY NO. 270-R1</p>

PENETRATION POINT: 1082 FSL & 375' FWL



PRODUCING AREA



PROJECT AREA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff Resvr., Other: <u>REVISED COMPLETION REPORT</u>						5. Lease Serial No. NMNM-LC 069464-A			
2. Name of Operator Devon Energy Production Co., LP						6. If Indian, Allottee or Tribe Name			
3. Address 20 North Broadway OKC, OK 73102				3a. Phone No (include area code) (405)-552-7802		7. Unit or CA Agreement Name and No.			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* 1150' FSL & 340' FWL At surface 1092' FSL & 375' FWL At top prod interval reported below At total depth REVISED: 452' FSL & 403' FEL PER MWD SURVEY						8. Lease Name and Well No. Arcturus 18 Federal 4H 9. AFI Well No 30-015-38611 10. Field and Pool or Exploratory Hackberry; Bone Spring, North 11. Sec, T., R., M., on Block and Survey or Area Sec 18-T19S-R31E 12. County or Parish Eddy 13. State NM			
14. Date Spudded 11/15/2011		15. Date T.D. Reached 12/05/2011		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod		17. Elevations (DF, RKB, RT, GL)* 3248' GL			
18. Total Depth. MD 13,247' TVD 8,875'		19. Plug Back T.D. MD 13,578' TVD		20. Depth Bridge Plug Set. MD TVD n/a					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL				22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)					
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"	20" H-40	94#	0'	120'				Surface	
17 1/2"	13 3/8" H-40	48#	0'	393'		500 sx Cl C		Surface	DV Tool @ 4492 - 95'
12 1/4"	9 5/8" J-55	40#	0'	3101'		1050 sx Cl C		Surface	
8 3/4"	5 1/2" P-110	17#	0'	13247'		460 sx Cl 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					26. Perforation Record				
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.							
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. SI	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	250#	120#	➔	555	620	710	1117.117	Producing	
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 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).

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 [Signature]

Date 06/08/2012

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)

(Form 3160-4, page 2)