

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Devon Energy Production Company, L.P. 333 West Sheridan, Oklahoma City, OK 73102		² OGRID Number 6137
		³ Reason for Filing Code/ Effective Date NW / 10/23/14
⁴ API Number 30-015-42033	⁵ Pool Name Hackberry; Bone Spring, NW	⁶ Pool Code 97020
⁷ Property Code 38851	⁸ Property Name Arcturus 18 Fed Com	⁹ Well Number 8H

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	17	19S	31E		300	South	312	West	Eddy

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	18	19S	31E		351	South	360	West	Eddy
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 10/23/14	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
278421	Holly-Frontier 10 Desta Drive, Ste 350W Midland, TX 79710	Oil
036785	DCP Midstream P.O. Box 50020 Midland, TX 79710-0020	Gas
	NM OIL CONSERVATION ARTESIA DISTRICT NOV 19 2014	
	RECEIVED	

IV. Well Completion Data

²¹ Spud Date 8/2/14	²² Ready Date 10/23/14	²³ TD 12948'	²⁴ PBDT 12900.9	²⁵ Perforations 8426 - 12891	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
26"	20"	472	1065 sx CIC; Circ 418 sx		
17-1/2"	13-3/8"	2262	3409 sx CIC; Circ 115 sx		
12-1/4"	9-5/8"	3991	1595 sx CIC; Circ 40 bbls		
8-3/4"	5-1/2"	12948	2392 sx CIH; Circ 0		

V. Well Test Data

Tubing: 2-7/8"

³¹ Date New Oil 11/11/14	³² Gas Delivery Date 11/11/14	³³ Test Date 11/11/14	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 2950 psi	³⁶ Csg. Pressure 400 psi
³⁷ Choke Size	³⁸ Oil 291 bbl	³⁹ Water 1417 bbl	⁴⁰ Gas 347 mcf		⁴¹ Test Method

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Megan Moravec*

Printed name: Megan Moravec

Title: Regulatory Compliance Analyst

E-mail Address: megan.moravec@dvn.com

Date: 11/18/2014

Phone:

OIL CONSERVATION DIVISION

Approved by: *[Signature]*

Title: *Dist. Supervisor*

Approval Date: *12/18/14*

Pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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. **BHL: NMLC069464A**

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
Arcturus 18 Fed Com 8H

2. Name of Operator
Devon Energy Production Company, L.P.

9. API Well No.
30-015-42033

3a. Address
333 West Sheridan, Oklahoma City, OK 73102

3b. Phone No. (include area code)
405-228-4248

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
300' FSL & 312' FWL Unit M, Sec 17, T19S, R31E
351' FSL & 360' FWL Lot 4, Sec 18, T19S, R31E

PP: 352' FSL & 197' FWL

11. Country or Parish, State
Eddy, 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 Completion Report
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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.)

9/24/14-10/23/14: MIRU WL & PT. TIH & ran CBL, found ETOC @ surface. TIH w/pump through frac plug and guns. Perf Bone Spring, 8426'-12891', total 344 holes. Frac'd 8426'-12891' in 10 stages. Frac totals 30,000 gals 7.5% HCl Acid, 4,636,380 # 30/50 White, 1,765,580 # 20/40 CRC. ND frac, MIRU WSU, DO plugs @ CO to PBD 12901'. CHC, FWB. RIH w/225 jts 2-7/8" L-80 tbg, set @ 7145'. TOP.

AD 12/18/14
**Accepted for record
NMOC**

NM OIL CONSERVATION
ARTESIA DISTRICT
NOV 19 2014

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

Megan Moravec

Title **Regulatory Compliance Analyst**

Signature

Megan Moravec

Date **11/18/2014**

RECEIVED

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

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

**Pending BLM approvals will
subsequently be reviewed
and scanned**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly an fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

as any false,

NOV 19 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. BHL: 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, L.P.8. Lease Name and Well No.
Arcturus 18 Fed Com 8H3. Address
333 West Sheridan Ave, Oklahoma City, OK 731023a. Phone No. (include area code)
405-228-42489. AFI Well No.
30-015-42033

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

10. Field and Pool or Exploratory
Hackberry; Bone Spring, NW11. Sec., T., R., M., on Block and
Survey or Area
Sec 17, T19S, R31E12. County or Parish
Eddy13. State
NM

At surface

300' FSL & 312' FWL Unit M, Sec 17, T19S, R31E

At top prod. interval reported below

At total depth 351' FSL & 360' FWL Lot 4, Sec 18, T19S, R31E

14. Date Spudded
8/2/1415. Date T.D. Reached
8/30/1416. Date Completed
10/23/14
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)*
GL: 3422.2'18. Total Depth: MD 12948'
TVD 7875.7719. Plug Back T.D.: MD 12900.9
TVD20. Depth Bridge Plug Set: MD
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 report)
Directional Survey? ☐ No ☒ 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" J-55	94#	0	472		1065 sx CIC		0	418 sx
17-1/2"	13-3/8" J-55	68#	0	2262		3409 sx CIC		0	115 sx
12-1/4"	9-5/8" J-55	40#	0	3991		1595 sx CIC		0	40 bbls
8-3/4"	5-1/2" P-110	17#	0	12948	DV @ 5029.6	2392 sx CIH		1801	

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"	7145							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Bone Spring	8426	12891	8426 - 12891		344	open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8426 - 12891	30,000 gals 7.5% HCl Acid, 4,636,380 # 30/50 White, 1,765,580 # 20/40 CRC

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	Flow
10/23/14	11/11/14	24	→	291	347	1417				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
	2950psi	400psi	→				1192.44			

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

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

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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
Bone Spring	7790			Rustler Anhydrite	435
				Salt	550
				Tansil	1987
				Yates	2095
				Seven Rivers	2395
				Capitan	2490
				Delaware	4750
				Bone Spring	6525
				1st Bone Spring Ss	7790
				2nd BS Limestone	8132

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) Megan MoravecTitle Regulatory Compliance AnalystSignature Megan MoravecDate 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.

(Continued on page 3)

(Form 3160-4, page 2)