

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

Form C-104
Revised August 1, 2011

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

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 / 10/14/14
⁴ API Number 30-015-42076	⁵ Pool Name Lusk; Bone Spring, West	⁶ Pool Code 41480
⁷ Property Code 39724	⁸ Property Name Antares 23 Federal	⁹ Well Number 13H

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
E	23	19S	31E		2400	North	190	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
I	23	19S	31E		1970	South	339	East	Eddy
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 10/14/14	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 12 2014	

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IV. Well Completion Data

²¹ Spud Date 4/27/14	²² Ready Date 10/14/14	²³ TD 13775	²⁴ PBTD 13728	²⁵ Perforations 9261 - 13718	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
26"	20"	682	1600 sx CIC; Circ 21 sx		
17-1/2"	13-3/8"	2602	1981 sx CIC; Circ 275 sx		
12-1/4"	9-5/8"	4300	5066 sx CIC; Circ 19 sx		
8-3/4"	5-1/2"	13775	3002 sx cmt; Circ 6 sx		

V. Well Test Data

Tubing: 2-7/8"

³¹ Date New Oil 11/7/14	³² Gas Delivery Date 11/7/14	³³ Test Date 11/7/14	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 279 psi	³⁶ Csg. Pressure 147 psi
³⁷ Choke Size	³⁸ Oil 438 bbl	³⁹ Water 1112 bbl	⁴⁰ Gas 287 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@dmn.com

Date:

11/10/2014

Phone:

OIL CONSERVATION DIVISION	
Approved by:	<i>T. C. Shapton</i>
Title:	"Geologist"
Approval Date:	11-19-2014
Pending BLM approvals will subsequently be reviewed and scanned	

TCS

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: NMNM0107697

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.

8. Well Name and No.
Antares 23 Federal 13H

9. API Well No.
30-015-42076

10. Field and Pool or Exploratory Area
Lusk; Bone Spring, West

11. Country or Parish, State
Eddy, NM

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

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

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2400' FNL & 190' FWL Unit E, Sec 23, T19S, R31E
1970' FSL & 339' FEL Unit I, Sec 23, T19S, R31E

PP: 2297' FSL & 295' FWL

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.)

7/30/14-10/14/14: MIRU WL & PT. TIH & ran CBL, found ETOC @ surface. TIH w/pump through frac plug and guns. Perf Bone Spring, 9261'-13718', total 400 holes. Frac'd 9261'-13718' in 10 stages. Frac totals 67,878 gals 15% HCl, 5,266,924 # 30/50 White, 3,897,430 # 40/70 White. ND frac, MIRU PU, NU BOP, DO plugs, CHC. RIH w/253 jts 2-7/8" L-80 tbg, set @ 8795.3'. TOP.

Additional Formations and depths:

1BSSS Top: 8302
2BSLM Top: 8548
2BSSS Top: 9062

NM OIL CONSERVATION
ARTESIA DISTRICT

NOV 12 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 11/10/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE

Approved by

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.

Title

Office

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

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

... department or agency of the United States any false,

(Instructions on page 2)

NM OIL CONSERVATION

ARTESIA DISTRICT

NOV 12 2014

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

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 1b. 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: _____						5. Lease Serial No. HL: NMNM0107697			
2. Name of Operator <div style="text-align: center;">Devon Energy Production Company, L.P.</div>						6. If Indian, Allottee or Tribe Name 7. Unit or CA Agreement Name and No.			
3. Address <div style="text-align: center;">333 West Sheridan Ave, Oklahoma City, OK 73102</div>				3a. Phone No. (include area code) <div style="text-align: center;">405-228-4248</div>		8. Lease Name and Well No. <div style="text-align: center;">Antares 23 Federal 13H</div>			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface <div style="text-align: center;">2400' FNL & 190' FWL Unit E, Sec 23, T19S, R31E</div> At top prod. interval reported below At total depth <div style="text-align: center;">1970' FSL & 339' FEL Unit I, Sec 23, T19S, R31E</div>						9. AFI Well No. <div style="text-align: center;">30-015-42076</div>			
14. Date Spudded <div style="text-align: center;">4/27/14</div>						15. Date T.D. Reached <div style="text-align: center;">6/7/14</div>			
16. Date Completed <div style="text-align: center;">10/14/14</div>						17. Elevations (DF, RKB, RT, GL)* <div style="text-align: center;">GL: 3540.5</div>			
18. Total Depth: MD 13775 <div style="text-align: center;">TVD 9268</div>				19. Plug Back T.D.: MD 13728 <div style="text-align: center;">TVD</div>		20. Depth Bridge Plug Set: MD <div style="text-align: center;">TVD</div>			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <div style="text-align: center;">Compensated Neutron Log, High Resolution Laterolog</div>						22. Was well cored? <input type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input 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" J-55	94#	0	682		1600 sx C/C		0	21 sx
17-1/2"	13-3/8" J-55	68#	0	2602		1981 sx C/C		0	275 sx
12-1/4"	9-5/8" K-55	40#	0	4300	DV @ 2664.4	5066 sx C/C		0	19 sx
8-3/4"	5-1/2" HCP-110	17#	0	13775	DV @ 4524.6	3002 sx cmt		0	6 sx
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"	8795.3								
25. Producing Intervals					26. Perforation Record				
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) Bone Spring		9261	13718	9261 - 13718			400	open	
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
9261 - 13718		67,878 gals 15% HCl, 5,266,924 # 30/50 White, 3,897,430 # 40/70 White							
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
10/14/14	11/7/14	24	→	438	287	1112			Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	279psi	147psi	→				655.25		
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	
			→						

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

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

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	6984			RSTL	647
				Salt	822
				Salt Base	2158
				TNSL	2218
				YTES	2319
				SVRV	2522
				CPTN	2635
				QUEN	3862
				SNDR	4217
				DLWR	4485
				CYCN	4542
				BRCN	5008
				BRCL	6683
				1BSLM	6984

32. Additional remarks (include plugging procedure):

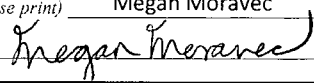
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ 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 Analyst

Signature

Date 11/10/2014

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)