

NM OIL CONSERVATION

ARTESIA DISTRICT

Form C-104

Revised August 1, 2011

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

APR 28 2015

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Submit one copy to appropriate District Office

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☐ 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 / 2/27/15
⁴ API Number 30-015-42347	⁵ Pool Name Hackberry; Bone Spring	⁶ Pool Code 29345
⁷ Property Code 39050	⁸ Property Name Vega 29 Fed	⁹ Well Number 4H

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
P	20	19S	31E		460	South	777	East	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
P	29	19S	31E		335	South	492	East	Eddy
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 2/27/15	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

IV. Well Completion Data

²¹ Spud Date 11/22/14	²² Ready Date 2/27/15	²³ TD 13093	²⁴ PBTD 13046.3	²⁵ Perforations 8475 - 13036	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
26"	20"	463	930 sx Cement; Circ 150 sx		
17-1/2"	13-3/8"	2333	1747 sx CIC; Circ 340 sx		
Cmt Squeeze			325 sx CIH; Circ 130 sx		
Cmt Squeeze	Tubing: 2-7/8"	7551.4	390 sx CIH; Circ 0		

V. Well Test Data

³¹ Date New Oil 4/6/15	³² Gas Delivery Date 4/6/15	³³ Test Date 4/6/15	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 399 psi	³⁶ Csg. Pressure 188 psi
³⁷ Choke Size	³⁸ Oil 92 bbl	³⁹ Water 619 bbl	⁴⁰ Gas 205 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:

Lucretia Morris

Printed name

Lucretia Morris

Title:

Regulatory Compliance Analyst

E-mail Address:

lucretia.morris@dvn.com

Date:

4/23/2015

Phone:

405-552-3303

OIL CONSERVATION DIVISION

Approved by:

[Signature]

Title:

[Signature]

Approval Date:

5-1-15

Pending BLM approvals will subsequently be reviewed and scanned *[initials]*

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: NMLC063622

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.
Vega 29 Fed 4H

2. Name of Operator

Devon Energy Production Company, L.P.

9. API Well No.
30-015-42347

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

460' FSL & 777' FEL Unit P, Sec 20, T19S, R31E

335' FSL & 492' FEL Unit P, Sec 29, T19S, R31E

PP: 306' FSL & 566' FEL

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 <u>Completion Report</u>
	<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.)

1/23/15-2/27/15: MIRU WL & PT. TIH & ran CBL, found ETOC @ 2650'. TIH w/pump through frac plug and guns. Perf Bone Spring, 8475'-13036', total 400 holes. Frac'd 8475'-13036' in 10 stages. Frac totals 30,000 gals 10.1 - 15% HCL, 1,997,940# 20/40 Super LC sand, 44,100# 20/40 White, 4,731,950# 30/50 White. ND frac, MIRU PU, NU BOP, DO plugs. CHC, FWB, ND BOP. RIH w/ 227 jts 2-7/8" L-80 tbg, set @ 7551.4'. RIH w/ ESP. Cont flowing ESP. TOP.

NM OIL CONSERVATION

ARTESIA DISTRICT

APR 28 2015

RECEIVED

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)

Lucretia Morris

Title Regulatory Compliance Analyst

Signature

Lucretia Morris

Date 4/23/2015

THIS SPACE FOR FEDERAL OR STATE

Approved by

Title

Office

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 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)

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

NM OIL CONSERVATION

ARTESIA DISTRICT

APR 28 2015

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. Reserv., Other: _____		5. Lease Serial No. BHL: NMLC063622	
2. Name of Operator <p style="text-align: center;">Devon Energy Production Company, L.P.</p>		6. If Indian, Allottee or Tribe Name 7. Unit or CA Agreement Name and No.	
3. Address <p style="text-align: center;">333 West Sheridan Ave, Oklahoma City, OK 73102</p>		8. Lease Name and Well No. <p style="text-align: center;">Vega 29 Fed 4H</p>	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface <p style="text-align: center;">460' FSL & 777' FEL Unit P, Sec 20, T19S, R31E</p> At top prod. interval reported below At total depth <p style="text-align: center;">335' FSL & 492' FEL Unit P, Sec 29, T19S, R31E</p>		9. AFI Well No. <p style="text-align: center;">30-015-42347</p> 10. Field and Pool or Exploratory <p style="text-align: center;">Hackberry; Bone Spring</p> 11. Sec., T., R., M., on Block and Survey or Area <p style="text-align: center;">Sec 20, T19S, R31E</p>	
		12. County or Parish <p style="text-align: center;">Eddy</p>	13. State <p style="text-align: center;">NM</p>

14. Date Spudded <p style="text-align: center;">11/22/14</p>		15. Date T.D. Reached <p style="text-align: center;">12/30/14</p>		16. Date Completed <p style="text-align: center;">2/27/15</p>		17. Elevations (DF, RKB, RT, GL)* <p style="text-align: center;">GL: 3481.7</p>	
18. Total Depth: MD 13093 TVD 8210.54		19. Plug Back T.D.: MD 13046.3 TVD		20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <p style="text-align: center;">CBL/CCL/Radial Bond/Gamma Ray/High Res Laterolog Array/Compensated Neutron/Array Induction Tool</p>				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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26"	20" J-55	94#	0	463		930 sx Cement		0	150 sx
17-1/2"	13-3/8" J-55	68#	0	2333		1747 sx CIC		0	340 sx
15-1/2"						325 sx CIH		1477	130 sx
12-1/4"	9-5/8" J-55	40#	0	4108	DV @ 2395.9	1637 sx CIC		0	94 sx
8-3/4"	5-1/2" & 7" P-110	17# & 29#	0	13093		1819 sx CIH		986	

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"	7551.4								

25. Producing Intervals				26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status	
A) Bone Spring	8475	13036	8475 - 13036		400	open	
B)							
C)							
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, etc.	
Depth Interval	Amount and Type of Material
8475 - 13036	30,000 gals 10.1 - 15% HCl Acid, 1,997,940# 20/40 Super LC, 44,100# 20/40 White, 4,731,950# 30/50 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
2/27/15	4/6/15	24	→	92	205	619			Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	399psi	188psi	→				2228		

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)

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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	6763			Rustler	414
				Top of Salt	652
				Capitan	2452
				Delaware	4439
				Bone Spring	6763

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) Lucretia MorrisTitle Regulatory Compliance Analyst

Signature

Lucretia Morris

Date

4/23/2015

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)