

NM OIL CONSERVATION
ARTESIA DISTRICT

APR 01 2015

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

RECEIVED

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 / 3/6/15
⁴ API Number 30-015-42693	⁵ Pool Name WC-015 G-04 S232628M; Bone Spring	⁶ Pool Code 98056
⁷ Property Code 313742	⁸ Property Name Bo Duke Fed 5	⁹ Well Number 3H

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
O	5	23S	26E		175	South	1980	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
2	5	23S	26E		333	North	1966	East	Eddy
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 3/6/15	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
282612	Murex LLC 7160 N. Dallas Parkway, Suite 300 Plano, TX 75024	Oil
051618	Enterprise Field Services, LLC P.O. Box 4324 Houston, TX 77210-4324	Gas

IV. Well Completion Data

²¹ Spud Date 11/11/14	²² Ready Date 3/6/15	²³ TD 11192	²⁴ PBDT 11091.8	²⁵ Perforations 6607 - 11082	²⁶ DHC, MC
²⁷ Hole Size 17-1/2"	²⁸ Casing & Tubing Size 13-3/8"	²⁹ Depth Set 463	³⁰ Sacks Cement 835 sx C/C; Circ 462 sx		
12-1/4"	9-5/8"	1789.9	860 sx cmt; Circ 396 sx		
Cmt Plug		9100	1520 sx C/H; Circ 0		
8-3/4"	5-1/2"	11138.8	2235 sx cmt; Circ 147 sx		

V. Well Test Data

Tubing: 2-7/8"

³¹ Date New Oil 3/27/15	³² Gas Delivery Date 3/27/15	³³ Test Date 3/27/15	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 421 psi	³⁶ Csg. Pressure 400 psi
³⁷ Choke Size	³⁸ Oil 281 bbl	³⁹ Water 3115 bbl	⁴⁰ Gas 1161.5 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@dmv.com

Date: 3/31/2015 Phone:

OIL CONSERVATION DIVISION	
Approved by: <i>AD Dael</i>	
Title: <i>Dir. of Operations</i>	
Approval Date: <i>4/8/15</i>	

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

NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APR 01 2015

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

RECEIVED

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: NMNM97120**

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.
Bo Duke Fed 5 3H

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

9. API Well No.
30-015-42693

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
WC-015 G-04 S232628M; Bone Spring

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
175' FSL & 1980' FEL Unit O, Sec 5, T23S, R26E
333' FNL & 1966' FEL Lot 2, Sec 5, T23S, R26E

PP: 101' FSL & 1919' 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 type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input checked="" type="checkbox"/> Subsequent Report	<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"/> Final Abandonment Notice	<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 recomplete 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 recompletion 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.)

12/30/14-3/6/15: MIRU WL & PT. TIH & ran CBL, found TOC @ 400'. TIH w/pump through frac plug and guns. Perf Bone Spring, 6607'-11082', total 616 holes. Frac'd 6607'-11082' in 16 stages. Frac totals 48,000 gals 15% NEFE Acid, 4,766,292# 30/50 White, 1,980,020# 20/40 SLC. ND frac, MIRU PU, NU BOP, DO plugs @ CO to PBD 11091.8'. CHC, FWB, ND BOP. RIH w/180 jts 2-7/8" L-80 tbg, set @ 5996.5'. TOP.

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

Megan Moravec

Title **Regulatory Compliance Analyst**

Signature

Megan Moravec

Date **3/31/2015**

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.

**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 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)

NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APR 01 2015

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. BHL: NMNM97120	
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. Resrv., Other: _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator Devon Energy Production Company, L.P.		7. Unit or CA Agreement Name and No.	
3. Address 333 West Sheridan Ave, Oklahoma City, OK 73102		8. Lease Name and Well No. Bo Duke Fed 5 3H	
3a. Phone No. (include area code) 405-228-4248		9. AFI Well No. 30-015-42693	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 175' FSL & 1980' FEL Unit O, Sec 5, T23S, R26E At top prod. interval reported below At total depth 333' FNL & 1966' FEL Lot 2, Sec 5, T23S, R26E		10. Field and Pool or Exploratory WC-015 G-04 S232628M; Bone Spring 11. Sec., T., R., M., on Block and Survey or Area Sec 5, T23S, R26E 12. County or Parish Eddy 13. State NM	
14. Date Spudded 11/11/14		15. Date T.D. Reached 12/6/14	
16. Date Completed 3/6/15 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* GL: 3364.2	
18. Total Depth: MD 11192 TVD 6466.4		19. Plug Back T.D.: MD 11091.8 TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Gamma Ray / CCL, Compensated Neutron, Laterolog, Gamma Ray	
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
17-1/2"	13-3/8" H-40	48#	0	463		835 sx CIC		0	462 sx
12-1/4"	9-5/8" J-55	36#	0	1789.9		860 sx cmt		0	396 sx
Cmt Plug			5963	9100		1520 sx CIH		5963	
8-3/4"	5-1/2" P-110	17#	0	11138.8		2235 sx cmt		400	147 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"	5996.5								
25. Producing Intervals					26. Perforation Record				
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Bone Spring	6607	11082	6607 - 11082		616	open			
B)									
C)									
D)									

27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval	Amount and Type of Material								
6607 - 11082	48,000 gals 15% NEFE Acid, 4,766,292# 30/50 White, 1,980,020# 20/40 SLC								

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
3/6/15	3/27/15	24	→	281	1161.5	3115			Flow
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	421psi	400psi	→				4133.4		

28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas	
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio		
			→						

Pending BLM approvals will subsequently be reviewed and scanned

*(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
Bone Spring	5000			Base of Salt	512
				Delaware	1783
				Cherry Canyon	2676
				Brushy Canyon	3416
				Bone Spring	5000

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 3/31/2015

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)