

# 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 JUN 1 2015

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Submit one copy to appropriate District Office

RECEIVED

☐ AMENDED REPORT

## I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address Devon Energy Production Company, L.P. 333 West Sheridan, Oklahoma City, OK 73102		<sup>2</sup> OGRID Number 6137
		<sup>3</sup> Reason for Filing Code/ Effective Date NW / 4/2/15
<sup>4</sup> API Number 30-015-42371	<sup>5</sup> Pool Name Hackberry; Bone Spring, East	<sup>6</sup> Pool Code 96746
<sup>7</sup> Property Code 39244	<sup>8</sup> Property Name Bellatrix 28 Fed Com	<sup>9</sup> Well Number 8H

## II. <sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	29	19S	31E		1358	South	163	East	Eddy

## <sup>11</sup> 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	28	19S	31E		918	South	255	East	Eddy
<sup>12</sup> Lsc Code F	<sup>13</sup> Producing Method Code F	<sup>14</sup> Gas Connection Date 4/2/15	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

## III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> 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

<sup>21</sup> Spud Date 1/12/15	<sup>22</sup> Ready Date 4/2/15	<sup>23</sup> TD 13196	<sup>24</sup> PBSD 13147.2	<sup>25</sup> Perforations 8500 - 13110	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
26"	20"	601	1320 sx CIC; Circ 463 sx		
17-1/2"	13-3/8"	2412	1739 sx CIC; Circ 80 bbls		
12-1/4"	9-5/8"	4244	2029 sx CIC; Circ 213 sx, 140 bbls		
8-3/4"	7" & 5-1/2"	13196	2201 sx CIH; Circ 0		

## V. Well Test Data

Tubing: 2-7/8"

<sup>31</sup> Date New Oil 5/23/15	<sup>32</sup> Gas Delivery Date 5/23/15	<sup>33</sup> Test Date 5/23/15	<sup>34</sup> Test Length 24 hrs	<sup>35</sup> Tbg. Pressure 472 psi	<sup>36</sup> Csg. Pressure 281 psi
<sup>37</sup> Choke Size	<sup>38</sup> Oil 279 bbl	<sup>39</sup> Water 1760 bbl	<sup>40</sup> Gas 739 mcf		<sup>41</sup> Test Method

<sup>42</sup> 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:

Printed name:

Megan Moravec

Title:

Regulatory Compliance Analyst

E-mail Address:

megan.moravec@dmv.com

Date:

5/29/2015

Phone:

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

6-2-15

Pending BLM approvals will subsequently be reviewed and scanned

# NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JUN 1 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.**

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

5. Lease Serial No. **BHL: NMNM101113**  
6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**Bellatrix 28 Fed Com 8H**

9. API Well No.  
**30-015-42371**

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

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)  
**1358' FSL & 163' FEL Unit I, Sec 29, T19S, R31E**  
**918' FSL & 255' FEL Unit P, Sec 28, T19S, R31E PP: 1068' FSL & 188' FEL**

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 <b>Completion Report</b>
	<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.)

2/19/15-4/2/15: MIRU WL & PT. TIH & ran CBL, found ETOC @ 3850'. TIH w/pump through frac plug and guns. Perf Bone Spring, 8500'-13110', total 600 holes..Frac'd 8500'-13110' in 15 stages. Frac totals 24,572 gals 10.1-15% HCl Acid, 1,933,540# 20/40 SLC, 5,015,780# 20/40 TG. ND frac, MIRU PU, NU BOP, DO plugs @ CO to PBTD 13147'. CHC, FWB, ND BOP. RIH w/231 jts 2-7/8" L-80 tbg, set @ 7701.6'. 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 **5/29/2015**

**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 and willfully make any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

# NM OIL CONSERVATION

ARTESIA DISTRICT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JUN 1 2015

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.,  
Other: \_\_\_\_\_

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

3. Address **333 West Sheridan Ave, Oklahoma City, OK 73102** 3a. Phone No. (include area code)  
**405-228-4248**

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

At surface

**1358' FSL & 163' FEL Unit I, Sec 29, T19S, R31E**

At top prod. interval reported below

At total depth **918' FSL & 255' FEL Unit P, Sec 28, T19S, R31E**

14. Date Spudded **1/12/15** 15. Date T.D. Reached **2/2/15** 16. Date Completed **4/2/15**  
☐ D & A ☒ Ready to Prod.

18. Total Depth: MD **13196** 19. Plug Back T.D.: MD **13147.2** 20. Depth Bridge Plug Set: MD  
TVD **8327.32** TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

**CBL / GR / CCL, Gamma Ray**

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	601		1320 sx C/C		0	463 sx
17-1/2"	13-3/8" K-55 & J-55	68#	0	2412		1739 sx C/C		0	80 bbls
12-1/4"	9-5/8" K-55 & J-55	40#	0	4244		2029 sx C/C		0	213 sx, 140 bbls
8-3/4"	7" & 5-1/2" P-110	29# & 17#	0	13196		2201 sx C/H		3850	

### 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"	7701.6							

### 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Bone Spring	8500	13110	8500 - 13110		600	open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8500 - 13110	24,572 gals 10.1-15% HCl Acid, 1,933,540# 20/40 SLC, 5,015,780# 20/40 TG

### 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
4/2/15	5/23/15	24	→	279	739	1760			Flow
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	472psi	281psi	→				2648.75		

### 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	
			→						

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	6868			Rustler	520
				Top of Salt	770
				Capitan	2491
				Delaware	4424
				Bone Spring	6868

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

Megan Moravec

Date

5/29/2015

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)