

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 / 11/24/17
⁴ API Number 30-025-42821	⁵ Pool Name Brinninstool; Bone Spring	⁶ Pool Code 7320
⁷ Property Code 314792	⁸ Property Name North Thistle 2 State	⁹ Well Number 2H

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
2	2	23S	33E		505	North	1980	East	Lea

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
O	2	23S	33E		330	North	2290	East	Lea
¹² Lse Code S	¹³ Producing Method Code F	¹⁴ Gas Connection Date 11/24/17	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
014035	Andeavor P.O. Box 552 Midland, TX 79702	Gas
036785	DCP Midstream P.O. Box 50020 Midland, TX 79710-0020	Gas
HOBBS OC		
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IV. Well Completion Data

²¹ Spud Date 10/28/15	²² Ready Date 11/24/17	²³ TD 16285 / 10998	²⁴ PBDT 16265	²⁵ Perforations 11152 - 15347	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	1040	1665 Class C; Circ 150 bbls		
12.25	9.625	5003	1675 Class C; Circ 102 bbls		
8.75 / 8.5	5.5	15464	2185 Class H; Circ 3 bbls		
	Tubing: 2.875	10668			

V. Well Test Data

³¹ Date New Oil 11/25/17	³² Gas Delivery Date 11/25/17	³³ Test Date 11/25/17	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 1200 psi	³⁶ Csg. Pressure 1115 psi
³⁷ Choke Size	³⁸ Oil 232 bbl	³⁹ Water 2705 bbl	⁴⁰ Gas 354 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:			OIL CONSERVATION DIVISION		
Printed name: Chance Bland			Approved by: 		
Title: Regulatory Analyst			Title:		
E-mail Address: Chance.Bland@dmv.com			Approval Date: 1-23-18		
Date: 1/2/2018		Phone: 405-228-8593	Pending BLM approvals will subsequently be reviewed and scanned		

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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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:

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.
North Thistle 2 State 2H

2. Name of Operator

Devon Energy Production Company, L.P.

9. API Well No.
30-025-42821

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

Brinninstool; Bone Spring

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

505' FNL & 1980' FEL Lot 2, Sec 2, T23S, R33E

330' FNL & 2290' FEL Unit O, Sec 2, T23S, R33E

PP: 302' FNL & 1685' FEL

11. Country or Parish, State

Lea, 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.)

6/10/16 - Drilling Shut in Status Approved.

10/4/2017-11/24/17: MIRU Frac, PMPDN, WL & Chems. Ran CBL, found ETOC @ 1200', Press TSTD; Set Pop-off Perf Bone Spring from 11152-15347'. Frac totals 294 bbls acid, 6683000# prop. ND frac, MIRU PU, NU BOP, DO plugs & CO to FC 15,367'. RIH w/340 jts 2-7/8" L-80 tbg, set @ 10668'. TOP.

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

Name (Printed/Typed)

Chance Bland

Title Regulatory Analyst

Signature

Date 1/2/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

Pending BLM approvals will subsequently be reviewed and scanned

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 fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

... agency of the United States any false,

(Instructions on page 2)

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

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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:	
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.		6. If Indian, Allottee or Tribe Name	
Other: _____		7. Unit or CA Agreement Name and No.	
2. Name of Operator Devon Energy Production Company, L.P.		8. Lease Name and Well No. North Thistle 2 State 2H	
3. Address 333 West Sheridan Ave, Oklahoma City, OK 73102		9. AFI Well No. 30-025-42821	
3a. Phone No. (include area code) 405-228-4248		10. Field and Pool or Exploratory Brinninstool; Bone Spring	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 505' FNL & 1980' FEL Lot 2, Sec 2, T23S, R33E At top prod. interval reported below 792' FNL & 1784' FEL 2Sec 2, T23S, R33E At total depth 330' FNL & 2290' FEL Unit O, Sec 2, T23S, R33E		11. Sec., T., R., M., on Block and Survey or Area Sec 2, T23S, R33E	
14. Date Spudded 10/28/15		12. County or Parish Lea	
15. Date T.D. Reached 11/13/15		13. State NM	
16. Date Completed 11/24/17		17. Elevations (DF, RKB, RT, GL)* GL: 3515	
18. Total Depth: MD 16285 TVD 11015		19. Plug Back T.D.: MD 16265 TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL	
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
17.5	13.375 J-55	54.5	0	1040		1665 Class C		0	150 bbls
12.25	9.625 J-55	40	0	5003		1675 Class C		0	102 bbls
8.75 / 8.5	5.5 P110RY	17	0	15464		2185 Class H		0	3 bbls

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	10668							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Bone Spring	11152	15347	11152 - 15347		528	open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
11152 - 15347	6,683,000 lbs prop, 294 bbls acid

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
11/24/17	11/25/17	24	→	232	354	2705				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
	1200psi	1115psi	→				1525			

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. SI	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	11152			Rustler	1035
				T/Salt	1310
				Delaware	5075
				Bone Spring	9000

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:

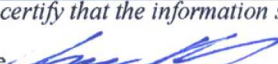
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Chance BlandTitle Regulatory AnalystSignature Date 1/2/2018

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)

Submit To Appropriate District Office Two Copies 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 and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised August 1, 2011		
		1. WELL API NO. 30-025-42821					
		2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN					
		3. State Oil & Gas Lease No.					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG							
4. Reason for filing: <input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)				5. Lease Name or Unit Agreement Name North Thistle 2 State			
7. Type of Completion: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER				6. Well Number: 2H			
8. Name of Operator Devon Energy Production Company, L.P.				9. OGRID 6137			
10. Address of Operator 333 West Sheridan Avenue, Oklahoma City, OK 73102				11. Pool name or Wildcat Brinninstool; Bone Spring			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	
Surface:		2	23S	33E	2	505	
BH:	O	2	23S	33E		330	
13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released		16. Date Completed (Ready to Produce)		17. Elevations (DF and RKB, RT, GR, etc.)	
10/28/15	11/13/15	11/15/15		11/24/17		3515 GL	
18. Total Measured Depth of Well		19. Plug Back Measured Depth		20. Was Directional Survey Made?		21. Type Electric and Other Logs Run	
16285 MD, 11015 TVD		16265		Yes		CBL	
22. Producing Interval(s), of this completion - Top, Bottom, Name 11152-15347, Bone Spring							
23. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT LB./FT.	DEPTH SET		HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	
13.375	54.5	1040		17.5	1665 Class C; circ 150 bbls		
9.625	40	5003		12.25	1675 Class C; circ 102 bbls		
5.5	17	15464		8.75 / 8.5	2185 Class H; circ 3 bbls		
24. LINER RECORD							
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN			
25. TUBING RECORD							
SIZE		DEPTH SET		PACKER SET			
2.875 L-80		10668					
26. Perforation record (interval, size, and number)				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.			
11152 - 15347, total 528 holes				DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 11152-15347 Acidize and frac in 22 stages. See detailed summary attached.			
28. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Prod. or Shut-in)		
11/24/17		Flowing			Producing		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	
11/25/17	24			232	354	2705	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio	
1200 psi	1115 psi					1525	
29. Disposition of Gas (Sold, used for fuel, vented, etc.)						30. Test Witnessed By	
Sold							
31. List Attachments							
Directional Survey, Logs							
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							
33. If an on-site burial was used at the well, report the exact location of the on-site burial							
Latitude							
I hereby certify that the information shown on both sides of this form is true.							
Signature 			Printed Name		Chance		
E-mail Address			Chance.Bland@dvn.com				

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Pending BLM approvals will subsequently be reviewed and scanned

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NAD 1927 1983
I believe
Date 1/2/2018

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

[illegible]

OIL OR GAS SANDS OR ZONES

No. 1, from..... N/Ato..... N/A
 No. 2, from..... N/Ato..... N/A
 No. 3, from..... N/Ato..... N/A
 No. 4, from..... N/Ato..... N/A

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....	to.....	feet.....
No. 2, from.....	to.....	feet.....
No. 3, from.....	to.....	feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology