Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD
OCD Hobbs
JUL 08 2019
RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Lease Serial No.
NMNM18848

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
NMNM138942

2. Name of Operator
DEVON ENERGY PRODUCTION COMPANY, LP
Contact: JENNIFER HARMS
Email: jennifer.harms@dvn.com

8. Lease Name and Well No.
ALLEY CAT 17 FEDERAL COM 212H

3. Address 333 WEST SHERIDAN AVENUE
OKLAHOMA CITY, OK 73102

3a. Phone No. (include area code)
Ph: 405-552-6560

9. API Well No.
30-025-45065-00-S1

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

At surface NWNW 251FNL 851FWL 32.311094 N Lat, 103.702466 W Lon

At top prod interval reported below NENW 484FNL 1956FWL 32.310466 N Lat, 103.698744 W Lon

At total depth SESW 21FSL 2000FWL 32.297340 N Lat, 103.698738 W Lon

10. Field and Pool, or Exploratory
SALT LAKE; BONE SPRING

11. Sec., T., R., M., or Block and Survey or Area Sec 17 T23S R32E Mer NMP

12. County or Parish
LEA

13. State
NM

14. Date Spudded
09/10/2018

15. Date T.D. Reached
09/23/2018

16. Date Completed
☐ D & A ☐ Ready to Prod.
02/07/2019

17. Elevations (DF, KB, RT, GL)*
3602 GL

18. Total Depth: MD 15551 TVD 10504

19. Plug Back T.D.: MD 15464 TVD

20. Depth Bridge Plug Set: MD TVD

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

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit analysis)

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
17.500	13.375 J-55	54.5		1075		1151			
12.250	9.625 J-55	40.0		4494					
12.250	9.625 P110EC	40.0		5995		1564			
8.750	5.500 P110RY	17.0		11026					
8.500	5.500 P110RY	17.0		15540		1642		1723	

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	10120							

25. Producing Intervals

	Formation	Top	Bottom
A)	BONE SPRING	10775	15410
B)			
C)			
D)			

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
10775 TO 15410	0.000	537	OPEN

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

Depth Interval	Amount and Type of Material
10775 TO 15410	7044340 PROP #, 102282 FLUID, 4536 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
02/07/2019	02/23/2019	24	→	2098.0	2814.0	2106.0			FLOWS FROM WELL

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→	2098	2814	2106	1341	POW

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
			→					

ACCEPTED FOR RECORD
JUN 22 2019
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #456250 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Reclamation Due: 8/7/2019

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 *(Sold, 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
RUSTLER	994	1319		RUSTLER	994
SALADO	1319	4674		SALADO	1319
DELAWARE	4674	8622		DELAWARE	4674
BONE SPRING	8622	10008		BONE SPRING 1ST	8622
BONE SPRING 2ND	10008	10333		BONE SPRING 2ND	10008
BONE SPRING 3RD	10333		OIL/GAS	BONE SPRING 3RD	10333

32. Additional remarks (include plugging procedure):
As drilled C-102 AND DIRECTIONAL SURVEY ARE ATTACHED. LOGS HAVE BEEN SENT BY FED EX.
11/29/2018-12/31/2018: MIRU WL & PT. TIH & ran CBL, found TOC @ 1723'. TIH w/pump through frac plug and guns. Perf Bonespring, 10775-15410', total 537 holes. Frac'd 10775-15410' in 24 stages. Frac totals 102,282 gals fluid & 7,044,340 # prop, 4,536 acid. ND frac, MIRU PU, NU BOP, DO plugs & CO to float collar: 15464 MD'. CHC, FWB, ND BOP. RIH w/304 jts 2-7/8" L-80 tbg, set @ 10120' MD.

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
7 Other:

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

Electronic Submission #456250 Verified by the BLM Well Information System.
For DEVON ENERGY PRODUCTION COMPAN, sent to the Hobbs
Committed to AFMSS for processing by DEBORAH HAM on 06/17/2019 (19DMH0114SE)

Name *(please print)* JENNIFER HARMS Title REGULATORY COMPLIANCE ANALYST

Signature (Electronic Submission) Date 02/28/2019

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 fradulent statements or representations as to any matter within its jurisdiction.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****