Rec'd 8/11/2020 - NMOCD

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM98826

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.

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

8. Lease Name and Well No.
ALLEY CAT 17-20 FED COM 526H

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

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

9. API Well No.
30-025-46252-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface Sec 8 T23S R32E Mer NMP
SESE 302FSL 1206FEL 32.312654 N Lat, 103.692070 W Lon
At top prod interval reported below Sec 17 T23S R32E Mer NMP
NENE 207FNL 400FEL 32.311268 N Lat, 103.689462 W Lon
At total depth Sec 20 T23S R32E Mer NMP
SESE 22FSL 399FEL 32.282863 N Lat, 103.689447 W Lon

10. Field and Pool, or Exploratory
SAND DUNES

11. Sec., T., R., M., or Block and Survey or Area Sec 8 T23S R32E Mer NMP

12. County or Parish
LEA

13. State
NM

14. Date Spudded
08/07/2019

15. Date T.D. Reached
08/27/2019

16. Date Completed
☐ D & A ☒ Ready to Prod.
03/02/2020

17. Elevations (DF, KB, RT, GL)*
3610 GL

18. Total Depth: MD 19952 TVD 9408

19. Plug Back T.D.: MD 19866 TVD 9347

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		1190		1200		0	
12.250	9.625 J-55	40.0		4335					
12.250	9.625 P110EC	40.0		8820		2695		0	
8.750	5.500 P110RY	20.0		12194					
8.500	5.500 P110RY	20.0		19870		2425		0	

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	9058							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	BONE SPRING	9669	19856	9669 TO 19856	0.000	1234	OPEN
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
9669 TO 19856	FRAC TOTALS 20384450 BBLS FLUID & 419638# PROP, ACID BBLS

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
03/02/2020	03/10/2020	24	→	1185.0	1325.0	4180.0			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
			→	1185	1325	4180	1118	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
			→					

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

ELECTRONIC SUBMISSION #508968 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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	1110			RUSTLER	1110
SALADO	4419			SALADO	4419
DELAWARE	4678			DELAWARE	4678
BONE SPRING	8637			BONE SPRING	8637

32. Additional remarks (include plugging procedure):
As drilled C-102 AND DIRECTIONAL SURVEY ARE ATTACHED.

12/27/2019: MIRU WL & PT: PRESS'D PRODUCITON 5.5" CSG TO 9500 PSI; TSTD CSG GOOD 30 MINS.
TIH & ran CBL, TOC @ CALCULATED SURF. TIH w/pump through frac plug and guns.
12/27/2019-1/30/2020 Perf Bonespring, 9669-19856, total 1234 holes. Frac'd 9669-19856, in 42 stages.
Frac totals 20362214 LBS PROP, 417547 BBLS FLUID,ND frac, MIRU PU, NU BOP, DO plugs & CO to float collar/PBTD 8/30/2019: 19866.5 MD/9347.6 TVD. CHC, FWB, ND BOP.

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 #508968 Verified by the BLM Well Information System.
For DEVON ENERGY PRODUCTION COMPAN, sent to the Hobbs
Committed to AFMSS for processing by JENNIFER SANCHEZ on 08/10/2020 (20JAS0194SE)

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

Signature (Electronic Submission) Date 03/30/2020

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 ****

Additional data for transaction #508968 that would not fit on the form

32. Additional remarks, continued

Ready to produce: 3/2/2020
Tubing: 2/20/2020, Set @ 9058' 2 7/8", L-80, 270 jnts

Revisions to Operator-Submitted EC Data for Well Completion #508968

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM98826	NMNM98826
Agreement:		
Operator:	DEVON ENERGY PRODUCTION COMPAN 333 WEST SHERIDAN AVENUE OKLAHOMA CITY, OK 73102 Ph: 405-552-6560	DEVON ENERGY PRODUCTION COMPAN 333 WEST SHERIDAN AVENUE OKLAHOMA CITY, OK 73102 Ph: 4055526571
Admin Contact:	JENNIFER HARMS REGULATORY COMPLIANCE ANALYST E-Mail: jennifer.harms@dvn.com Ph: 405-552-6560	JENNIFER HARMS REGULATORY COMPLIANCE ANALYST E-Mail: jennifer.harms@dvn.com Ph: 405-552-6560
Tech Contact:	JENNIFER HARMS REGULATORY COMPLIANCE ANALYST E-Mail: jennifer.harms@dvn.com Ph: 405-552-6560	JENNIFER HARMS REGULATORY COMPLIANCE ANALYST E-Mail: jennifer.harms@dvn.com Ph: 405-552-6560
Well Name: Number:	ALLEY CAT 17-20 FED COM 526H	ALLEY CAT 17-20 FED COM 526H
Location: State: County: S/T/R: Surf Loc:	 NM LEA Sec 8 T23S R32E Mer SESE 302FSL 1206FEL 32.312654 N Lat, 103.692070 W Lon	 NM LEA Sec 8 T23S R32E Mer NMP SESE 302FSL 1206FEL 32.312654 N Lat, 103.692070 W Lon
Field/Pool:	SAND DUNES; BONE SPRING	SAND DUNES
Logs Run:	GAMMA RAY, CBL	GAMMARAY CBL
Producing Intervals - Formations:	BONESPRING	BONE SPRING
Porous Zones:	RUSTLER SALADO DELAWARE BONESPRING	RUSTLER SALADO DELAWARE BONE SPRING
Markers:	RUSTLER SALADO DELAWARE BONESPRING	RUSTLER SALADO DELAWARE BONE SPRING

From: j1sanchez@blm.gov
To: Harms, Jenny
Cc: j1sanchez@blm.gov
Subject: Well ALLEY CAT 17-20 FED COM 526H
Date: Monday, August 10, 2020 5:20:08 PM
Attachments: EC508968.pdf

Reclamation is due 09/02/2020.

The Completion Report you submitted has been accepted by the BLM. Your original Electronic Commerce (EC) transmission was assigned ID 508968. Please be sure to open and save all attachments to this message, since they contain important information.