Rec'd 8/20/2020 - 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. NMNM95642

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.
GRUMPY CAT 15-22 FED COM 212H

3. Address P O BOX 250
ARTESIA, NM 88201

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

9. API Well No.
30-025-45731-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface Sec 15 T23S R32E Mer NMP NWNW 476FNL 1234FWL 32.310600 N Lat, 103.667076 W Lon
At top prod interval reported below Sec 15 T23S R32E Mer NMP NENW 582FNL 1952FWL 32.310762 N Lat, 103.669664 W Lon
At total depth Sec 22 T23S R32E Mer NMP SESW 23FSL 1957FWL 32.282935 N Lat, 103.664715 W Lon

10. Field and Pool, or Exploratory
SAND DUNES-BONE SPRING, SOUTH
DIAMONDTAIL

11. Sec., T., R., M., or Block and Survey or Area Sec 15 T23S R32E Mer NMP

12. County or Parish LEA

13. State NM

14. Date Spudded 05/19/2019

15. Date T.D. Reached 06/14/2019

16. Date Completed ☐ D & A ☒ Ready to Prod. 11/05/2019

17. Elevations (DF, KB, RT, GL)* 3700 GL

18. Total Depth: MD 20925 TVD 10724

19. Plug Back T.D.: MD 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		1231		1950		0	
12.250	9.625 J-55	40.0		4516					
12.250	9.625 L-80	40.0		8811		3356		0	
8.750	5.500 P110RY	17.0		11142					
8.500	5.500 P110RY	17.0		20918		2965		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	10384							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	BONE SPRING	10953	20774	10953 TO 20774	0.000	1204	OPEN
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
10953 TO 20774	FRAC TOTALS 20136275 PROP LB, 366594 BBLS FLUID, NO 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
11/05/2019	11/27/2019	24	→	1326.0	1978.0	3845.0			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
			→	1326	1978	3845	1491	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 #509413 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	1279			RUSTLER	1279
SALADO	1581			SALADO	1581
DELAWARE	4854			DELAWARE	4854
BONE SPRING	8812			BONE SPRING	8812

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

9/24/2019: MIRU WL & PT: PRESS'D PRODUCITON 5.5" CSG TO 8500 PSI; TSTD CSG GOOD 30 MINS.
TIH & ran CBL, TOC @ CALCULATED SURF. TIH w/pump through frac plug and guns.
9-24-2019-10/13-2019 Perf Bonespring, 10953-20774, total 1204 holes. Frac'd 10953-20774, in 41 stages.
Frac totals 20362214 LBS PROP, 417547 BBLS FLUID,ND frac, MIRU PU, NU BOP, DO plugs & CO to landing collar/PBTD 6/17/2019, 20861' MD/ 10722.8' TVD. CHC, FWB, ND BOP.Ready to

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 #509413 Verified by the BLM Well Information System.
For DEVON ENERGY PRODUCTION COM LP, sent to the Hobbs
Committed to AFMSS for processing by JENNIFER SANCHEZ on 08/14/2020 (20JAS0223SE)

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

Signature (Electronic Submission) Date 04/02/2020

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 #509413 that would not fit on the form

32. Additional remarks, continued

produce: 11/5/2019
Tubing: 12/20/2019, Set @ 10383.9', 2 7/8", L-80, 310 jnts

Revisions to Operator-Submitted EC Data for Well Completion #509413

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM95642	NMNM95642
Agreement:		
Operator:	DEVON ENERGY PRODUCTION COMPAN 333 WEST SHERIDAN AVENUE OKLAHOMA CITY, OK 73102 Ph: 405-552-6560	DEVON ENERGY PRODUCTION COM LP P O BOX 250 ARTESIA, NM 88201 Ph: 575-748-1854
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:	GRUMPY CAT 15-22 FED COM 212H	GRUMPY CAT 15-22 FED COM 212H
Location: State: County: S/T/R: Surf Loc:	 NM LEA Sec 15 T23S R32E Mer NWNW 476FNL 1234FWL 32.310600 N Lat, 103.667074 W Lon	 NM LEA Sec 15 T23S R32E Mer NMP NWNW 476FNL 1234FWL 32.310600 N Lat, 103.667076 W Lon
Field/Pool:	DIAMONDTAIL; BONE SPRING	SAND DUNES-BONE SPRING, SOUTH
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 GRUMPY CAT 15-22 FED COM 212H
Date: Friday, August 14, 2020 3:50:19 PM
Attachments: EC509413.pdf

Reclamation was due 06/05/2020.

The Completion Report you submitted has been accepted by the BLM. Your original Electronic Commerce (EC) transmission was assigned ID 509413. Please be sure to open and save all attachments to this message, since they contain important information.