

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.
NMNM84728

1a. Type of Well Oil Well Gas Well Dry Other

b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

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

3. Address **P O BOX 250** 3a. Phone No. (include area code)
ARTESIA, NM 88201 Ph: **405-552-6560**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **NENE 175FNL 1070FEL 32.311448 N Lat, 103.657430 W Lon**
At top prod interval reported below **NWNE 458FNL 1900FEL 32.310664 N Lat, 103.660116 W Lon**
At total depth **SWSE 21FSL 1900FEL 32.297457 N Lat, 103.660110 W Lon**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
GRUMPY CAT 15 FED 213H

9. API Well No.
30-025-45704-00-X1

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

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
06/26/2019

15. Date T.D. Reached
07/11/2019

16. Date Completed
 D & A Ready to Prod.
11/02/2019

17. Elevations (DF, KB, RT, GL)*
3704 GL

18. Total Depth: MD **15671** 19. Plug Back T.D.: MD **10740**
TVD **10740** TVD

20. Depth Bridge Plug Set: MD **MD**
TVD **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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5		1229		1305		0	
12.250	9.625 J-55	40.0		4277					
12.250	9.625 P110EC	40.0		8828		1020		0	
8.750	5.500 P110RY	17.0		15671		1620		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	10436							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	10998	15656	10998 TO 15656	0.000	574	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10998 TO 15656	FRAC TOTALS 9389567 # PROP, 168216 BBLs FLUID, 43 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
11/13/2019	12/03/2019	24	→	1664.0	1975.0	2300.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→	1664	1975	2300	1186	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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

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

ELECTRONIC SUBMISSION #497127 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

PM

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	1232			RUSTLER	1232
SALADO	1646			SALADO	1646
DELAWARE	4913			DELAWARE	4913
BONE SPRING	8692			BONE SPRING	8692

32. Additional remarks (include plugging procedure):

As drilled C-102 AND DIRECTIONAL SURVEY ARE ATTACHED.

LOGS HAVE BEEN SENT BY FED EX.
10/3/2019-10/20/2019: MIRU WL & PT. TIH & ran CBL, TOC @ 0'. TIH w/pump through frac plug and guns. Perf Bonespring, 10998-15656 total 574 holes. Frac'd 10998-15656, in 20 stages. Frac totals 9389567 # PROP, 168216 BBLs FLUID, 43 BBLs ACID ND frac, MIRU PU, NU BOP, DO plugs & CO to FLOAT collar: 15666' MD. 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 #497127 Verified by the BLM Well Information System.
For DEVON ENERGY PRODUCTION COM LP, sent to the Hobbs
Committed to AFMSS for processing by CHRISTOPHER WALLS on 04/16/2020 (20CRW0046SE)**

Name (please print) JENNIFER HARMS Title REGULATORY COMPLIANCE ANALYST

Signature (Electronic Submission) Date 12/30/2019

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

Additional data for transaction #497127 that would not fit on the form

32. Additional remarks, continued

Tubing set 2-7/8", L-80 @ 10436.7'

Revisions to Operator-Submitted EC Data for Well Completion #497127

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM84728	NMNM84728
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 FED 213H	GRUMPY CAT 15 FED 213H
Location:		
State:	NM	NM
County:	LEA	LEA
S/T/R:	Sec 15 T23S R32E Mer	Sec 15 T23S R32E Mer NMP
Surf Loc:	NENE 175FNL 1070FEL 32.311448 N Lat, 103.657430 W Lon	NENE 175FNL 1070FEL 32.311448 N Lat, 103.657430 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

Harms, Jenny

From: cwalls@blm.gov
Sent: Thursday, April 16, 2020 3:35 PM
To: Harms, Jenny
Subject: Well GRUMPY CAT 15 FED 213H
Attachments: EC497127.pdf

The Completion Report you submitted has been accepted by the BLM. Your original Electronic Commerce (EC) transmission was assigned ID 497127. Please be sure to open and save all attachments to this message, since they contain important information.