

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other 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. Resvr. Other _____				5. Lease Serial No. NMNM95642	
2. Name of Operator DEVON ENERGY PRODUCTION COMPANY Contact: JENNIFER HARMS Email: jennifer.harms@dmv.com				6. If Indian, Allottee or Tribe Name	
3. Address P O BOX 250 ARTESIA, NM 88201				7. Unit or CA Agreement Name and No.	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNW 476FNL 1204FWL 32.310600 N Lat, 103.667172 W Lon Sec 15 T23S R32E Mer NMP At top prod interval reported below NWNW 415FNL 434FWL 32.310762 N Lat, 103.669664 W Lon Sec 22 T23S R32E Mer NMP At total depth SWSW 22FSL 405FWL 32.282921 N Lat, 103.669735 W Lon				8. Lease Name and Well No. GRUMPY CAT 15-22 FED COM 211H 9. API Well No. 30-025-45730-00-X1	
14. Date Spudded 04/15/2019		15. Date T.D. Reached 05/16/2019		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	
16. Date Completed <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod. 10/29/2019		17. Elevations (DF, KB, RT, GL)* 3701 GL			
18. Total Depth: MD 21029 TVD 10708		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? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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		1236		1791		0	
12.250	9.625 J-55	40.0		4284					
12.250	9.625 L-80	40.0		8731		1449		0	
8.750	5.500 P110RY	17.0		10935					
8.500	5.500 P110RY	17.0		21016		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	10494							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	10890	20923	10890 TO 20923	0.000	1204	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
10890 TO 20923	FRAC TOTALS 364243 BBLS FLUID & 20136275# PROP. 333 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
11/05/2019	11/28/2019	24		1200.0	1894.0	4682.0			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	
				1200	1894	4682	1578	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 #497119 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
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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.

LOGS HAVE BEEN SENT BY FED EX.
 9/24/2019-10/13/2019: MIRU WL & PT. TIH & ran CBL, TOC @ 0'. TIH w/pump through frac plug and guns. Perf Bonespring, 10890-20923, total 1204
 holes. Frac'd 10890-20923, in 41 stages. Frac totals 364243 bbls fluid & 20136275# PROP.
 333 BBLS ACID.
 ND frac, MIRU PU, NU BOP, DO plugs & CO to landing collar: 20964' 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 #497119 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 (20CRW0044SE)

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 #497119 that would not fit on the form

32. Additional remarks, continued

Tubing set @10494', 2-7/8" L-80.

Revisions to Operator-Submitted EC Data for Well Completion #497119

	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@dn.com Ph: 405-552-6560	JENNIFER HARMS REGULATORY COMPLIANCE ANALYST E-Mail: jennifer.harms@dn.com Ph: 405-552-6560
Tech Contact:	JENNIFER HARMS REGULATORY COMPLIANCE ANALYST E-Mail: jennifer.harms@dn.com Ph: 405-552-6560	JENNIFER HARMS REGULATORY COMPLIANCE ANALYST E-Mail: jennifer.harms@dn.com Ph: 405-552-6560
Well Name: Number:	GRUMPY CAT 15-22 FED COM 211H	GRUMPY CAT 15-22 FED COM 211H
Location:		
State:	NM	NM
County:	LEA	LEA
S/T/R:	Sec 15 T23S R32E Mer	Sec 15 T23S R32E Mer NMP
Surf Loc:	NWNW 476FNL 1204FWL 32.310600 N Lat, 103.667172 W Lon	NWNW 476FNL 1204FWL 32.310600 N Lat, 103.667172 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 2:35 PM
To: Harms, Jenny
Subject: Well GRUMPY CAT 15-22 FED COM 211H
Attachments: EC497119.pdf

The Completion Report you submitted has been accepted by the BLM. Your original Electronic Commerce (EC) transmission was assigned ID 497119. Please be sure to open and save all attachments to this message, since they contain important information.