

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.
NMNM98192

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@devon.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 **Sec 16 T23S R32E Mer NMP SWNW 2590FNL 614FWL 32.301730 N Lat, 103.686176 W Lon**
At top prod interval reported below **Sec 16 T23S R32E Mer NMP SWNW 2540FSL 747FWL 32.304311 N Lat, 103.685745 W Lon**
At total depth **Sec 9 T23S R32E Mer NMP NWNW 195FNL 393FWL**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
NMNM140118

8. Lease Name and Well No.
BIG CAT 16 9 STATE FED COM 1H

9. API Well No.
30-025-43196-00-S1

10. Field and Pool, or Exploratory
WC-025 G07 S233204D

11. Sec., T., R., M., or Block and Survey or Area
UNKNOWN Sec 16 T23S R32E Mer NMP

12. County or Parish
LEA

13. State
NM

14. Date Spudded
04/26/2019

15. Date T.D. Reached
05/14/2019

16. Date Completed
 D & A Ready to Prod.
10/14/2019

17. Elevations (DF, KB, RT, GL)*
3670 GL

18. Total Depth: MD **18754** 19. Plug Back T.D.: MD **18559**
TVD **10620** TVD **10587**

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5		1237		1105		0	
12.250	9.625 J-55	40.0		4489					
12.250	9.625 L-80	40.0		8769		3515		0	
8.750	5.500 P110RY	17.0		10939					
8.500	5.500 P110RY	17.0		18562		1775		6200	

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	10364							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	10775	18550	10775 TO 18550	0.000	934	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10775 TO 18550	FRAC TOTALS 282804 BBLS FLUID & 15583861 # PROP, ACID BBLS 424

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
10/14/2019	11/09/2019	24	→	2066.0	3011.0	2806.0			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			→	2066	3011	2806	1457	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 #507965 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	1145			RUSTLER	1145
SALADO	1529			SALADO	1529
DELAWARE	4800			DELAWARE	4800
BONE SPRING	8700			BONE SPRING	8700

32. Additional remarks (include plugging procedure):

As drilled C-102 AND DIRECTIONAL SURVEY ARE ATTACHED.

8/10/2019-9/7/2019: MIRU WL & PT. TIH & ran CBL, TOC @ 6200'. TIH w/pump through frac plug and guns. Perf Bonespring, 10775-18550, total 934 holes. Frac'd 10775-18550, in 32 stages. Frac totals 282804 bbls fluid & 15583861# PROP. 434 BBLs ACID ND frac, MIRU PU, NU BOP, DO plugs & CO to float collar.PBTD: 5/16/2019, 18559 MD'/10587' TVD. CHC, FWB, ND BOP. Tubing set 2/15/2020, @ 10364'. 2-7/8", L-80, 309 jnts.

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 #507965 Verified by the BLM Well Information System.
 For DEVON ENERGY PRODUCTION COM LP, sent to the Hobbs
 Committed to AFMSS for processing by DEBORAH HAM on 08/03/2020 (20DMH0097SE)**

Name (please print) JENNIFER HARMS Title REGULATORY COMPLIANCE ANALYST

Signature (Electronic Submission) Date 03/23/2020

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

Additional data for transaction #507965 that would not fit on the form

32. Additional remarks, continued

Ready date: 10/14/2019

Revisions to Operator-Submitted EC Data for Well Completion #507965

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM98192	NMNM98192
Agreement:		NMNM140118 (NMNM140118)
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:	BIG CAT 16-9 STATE FED COM 1H	BIG CAT 16 9 STATE FED COM 1H
Location:		
State:	NM	NM
County:	LEA	LEA
S/T/R:	Sec 16 T23S R32E Mer	Sec 16 T23S R32E Mer NMP
Surf Loc:	SWNW 2590FNL 614FWL 32.301730 N Lat, 103.686176 W Lon	SWNW 2590FNL 614FWL 32.301730 N Lat, 103.686176 W Lon
Field/Pool:	WC-025 G-07 S2; BS	WC-025 G07 S233204D
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: cwalls@blm.gov
To: [Harms, Jenny](#)
Subject: Well BIG CAT 16 9 STATE FED COM 1H
Date: Thursday, August 13, 2020 1:35:15 PM
Attachments: [EC507965.pdf](#)

The Completion Report you submitted has been accepted by the BLM. Your original Electronic Commerce (EC) transmission was assigned ID 507965. Please be sure to open and save all attachments to this message, since they contain important information.