

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. NMNM98192	
2. Name of Operator DEVON ENERGY PRODUCTION COMPANY    Contact: JENNIFER HARMS Email: jennifer.harms@dmn.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. NMNM140118	
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				8. Lease Name and Well No. BIG CAT 16 9 STATE FED COM 1H  9. API Well No. 30-025-43196-00-S1	
14. Date Spudded 04/26/2019		15. Date T.D. Reached 05/14/2019		16. Date Completed <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod. 10/14/2019	
18. Total Depth:    MD    18754 TVD    10620		19. Plug Back T.D.:    MD    18559 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? <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		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

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)						

## 26. Perforation Record

## 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. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
				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. 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 #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
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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: County: S/T/R: Surf Loc:	NM LEA Sec 16 T23S R32E Mer SWNW 2590FNL 614FWL 32.301730 N Lat, 103.686176 W Lon	NM LEA Sec 16 T23S R32E Mer NMP 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](mailto: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](#)

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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.