

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMNM98826

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**  
jennifer.harms@dvn.com

3. Address **333 WEST SHERIDAN AVENUE** 3a. Phone No. (include area code)  
**OKLAHOMA CITY, OK 73102** Ph: **405-552-6560**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface **SESE 302FSL 1236FEL 32.312653 N Lat, 103.692169 W Lon**  
At top prod interval reported below **NENE 114FNL 1281FEL 32.311510 N Lat, 103.692313 W Lon**  
At total depth **SESE 102FSL 1281FEL 32.283073 N Lat, 103.692297 W Lon**

6. If Indian, Allottee or Tribe Name \_\_\_\_\_

7. Unit or CA Agreement Name and No. \_\_\_\_\_

8. Lease Name and Well No.  
**ALLEY CAT 17-20 FED COM 525H**

9. API Well No.  
**30-025-46251-00-S1**

10. Field and Pool, or Exploratory  
**SAND DUNES**

11. Sec., T., R., M., or Block and Survey or Area **Sec 8 T23S R32E Mer NMP**

12. County or Parish **LEA** 13. State **NM**

14. Date Spudded **08/31/2019** 15. Date T.D. Reached **09/17/2019** 16. Date Completed  D & A  Ready to Prod.  
**02/25/2020**

17. Elevations (DF, KB, RT, GL)\*  
**3610 GL**

18. Total Depth: **MD 19992** 19. Plug Back T.D.: **MD 19988** 20. Depth Bridge Plug Set: **MD**  
**TVD 9400** **TVD 9322** **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		1180		1200		0	
12.250	9.625 J-55	40.0		4348					
12.250	9.625 P110EC	40.0		8743		2935		0	
8.750	5.500 P110RY	20.0		12704					
8.500	5.500 P110RY	20.0		19992		2425		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	9008							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9667	19979	9667 TO 19979	0.000	1234	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9667 TO 19979	FRAC TOTALS 20362214 BBLs FLUID & 417547# PROP, ACID BBLs

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
02/25/2020	03/09/2020	24	→	1125.0	1192.0	3733.0			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			→	1125	1192	3733	1059	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 #508931 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	1141			RUSTLER	1141
SALADO	4421			SALADO	4421
DELAWARE	4685			DELAWARE	4685
BONE SPRING	8659			BONE SPRING	8659

32. Additional remarks (include plugging procedure):

As drilled C-102 AND DIRECTIONAL SURVEY ARE ATTACHED.

12/23/2019: MIRU WL & PT: PRESS'D PRODUCITON 5.5" CSG TO 9500 PSI; TSTD CSG GOOD 30 MINS. TIH & ran CBL, TOC @ CALCULATED SURF. TIH w/pump through frac plug and guns.  
12/23/2019-1/30/2020 Perf Bonespring, 9667-19979, total 1234 holes. Frac'd 9667-19979, in 42 stages. Frac totals 20362214 LBS PROP, 417547 BBLs FLUID, ND frac, MIRU PU, NU BOP, DO plugs & CO to float

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 #508931 Verified by the BLM Well Information System.**  
**For DEVON ENERGY PRODUCTION COMPAN, sent to the Hobbs**  
**Committed to AFMSS for processing by JENNIFER SANCHEZ on 08/10/2020 (20JAS0193SE)**

Name (please print) JENNIFER HARMS Title REGULATORY COMPLIANCE ANALYST

Signature (Electronic Submission) Date 03/30/2020

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 #508931 that would not fit on the form**

**32. Additional remarks, continued**

collar/PBTD 9/20/2019; 19988' MD/ 9321.8' TVD. CHC, FWB, ND BOP.  
Ready to produce: 2/25/2020  
Tubing: 2/14/2020, Set @ 9008.7' 2 7/8", L-80, 268 jnts

**Revisions to Operator-Submitted EC Data for Well Completion #508931**

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Lease:	NMNM98826	NMNM98826
Agreement:		
Operator:	DEVON ENERGY PRODUCTION COMPAN 333 WEST SHERIDAN AVENUE OKLAHOMA CITY, OK 73102 Ph: 405-552-6560	DEVON ENERGY PRODUCTION COMPAN 333 WEST SHERIDAN AVENUE OKLAHOMA CITY, OK 73102 Ph: 4055526571
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:	ALLEY CAT 17-20 FED COM 525H	ALLEY CAT 17-20 FED COM 525H
Location:		
State:	NM	NM
County:	LEA	LEA
S/T/R:	Sec 8 T23S R32E Mer	Sec 8 T23S R32E Mer NMP
Surf Loc:	SESE 302FSL 1236FEL 32.312654 N Lat, 103.692167 W Lon	SESE 302FSL 1236FEL 32.312653 N Lat, 103.692169 W Lon
Field/Pool:	SAND DUNES; BONE SPRING	SAND DUNES
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](mailto:j1sanchez@blm.gov)  
**To:** [Harms, Jenny](#)  
**Cc:** [j1sanchez@blm.gov](mailto:j1sanchez@blm.gov)  
**Subject:** Well ALLEY CAT 17-20 FED COM 525H  
**Date:** Monday, August 10, 2020 5:05:11 PM  
**Attachments:** [EC508931.pdf](#)

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Reclamation is due 08/25/2020.

The Completion Report you submitted has been accepted by the BLM. Your original Electronic Commerce (EC) transmission was assigned ID 508931. Please be sure to open and save all attachments to this message, since they contain important information.