

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.
NMNM82886

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
DEVON ENERGY PRODUCTION COMPANY
Contact: ERIN WORKMAN
Erin.workman@dvn.com

8. Lease Name and Well No.
SPUD MUFFIN 31-30 FED COM 621H

3. Address 6488 SEVEN RIVERS HIGHWAY
ARTESIA, NM 88210

3a. Phone No. (include area code)
Ph: 405-552-7970

9. API Well No.
30-015-45460-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface Sec 31 T23S R29E Mer NMP
SWSW 270FSL 1245FWL 32.255029 N Lat, 104.028320 W Lon
At top prod interval reported below Sec 31 T23S R29E Mer NMP
SWSW 335FSL 255FWL
At total depth Sec 30 T23S R29E Mer NMP
NWNW 24FNL 346FWL 32.283510 N Lat, 104.031128 W Lon

10. Field and Pool, or Exploratory
PURPLE SAGE-WOLFCAMP (GAS)

11. Sec., T., R., M., or Block and Survey
or Area Sec 31 T23S R29E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
01/20/2019

15. Date T.D. Reached
03/06/2019

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

17. Elevations (DF, KB, RT, GL)*
2960 GL

18. Total Depth: MD
TVD 20252
9824

19. Plug Back T.D.: MD
TVD 20188

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
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	0	415		720		0	445
10.625	8.625 P-110	32.0	0	9241		1270		0	0
7.875	5.500 P-110	20.0	0	20238		2635		0	565

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	10079	20063	10079 TO 20063		984	OPEN - WOLFCAMP
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
10079 TO 20063	18,013,250# PROP, NO ACID, 329,656.90 BBLS. OF FLUID

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	10/26/2019	24	→	2070.0	2545.0	7145.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. 2484 SI	Csg. Press. 2555.0	24 Hr. Rate →	Oil BBL 2070	Gas MCF 2545	Water BBL 7145	Gas:Oil Ratio 1770	Well Status 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 #493425 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

AB
3/25/20

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
SALADO RUSTLER DELAWARE BONE SPRING WOLFCAMP	79 2721 6489 9659		NOT PRESENT		

32. Additional remarks (include plugging procedure):

08/14/2019 - 10/14/19 MIRU WL & PT Good to 5000 PSI in 1000 PSI increments 15 mins., TSTD GOOD. Ran CBL, found TOC @3012'. TIH w/pump through Frac plug and guns. Perf Wolfcamp 10,079'-20,063'. Frac totals 0 acid, 18,013,250# PROP., 329,656/90 BBL's of fluid, ND frac, MIRU PU, NU BOP, DO plugs & CO to PBTD- Flotation Collar 20,188'. CHC, FWB, ND BOP. No tubing set. TOP

ATTACHMENTS: C-102 & DIRECTIONAL SURVEY

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 #493425 Verified by the BLM Well Information System.
For DEVON ENERGY PRODUCTION COMPAN, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 12/09/2019 (20DMH0091SE)

Name (please print) ERIN WORKMAN Title REGULATORY COMPLIANCE PROF.

Signature (Electronic Submission) Date 11/22/2019

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Revisions to Operator-Submitted EC Data for Well Completion #493425

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM82886	NMNM82886
Agreement:		
Operator:	DEVON ENERGY PRODUCTION COMPAN 333 WEST SHERIDAN AVE OKC, OK 73102 Ph: 405-552-7970	DEVON ENERGY PRODUCTION COMPAN 6488 SEVEN RIVERS HIGHWAY ARTESIA, NM 88210 Ph: 575.748.3371
Admin Contact:	ERIN WORKMAN REGULATORY COMPLIANCE PROF. E-Mail: Erin.workman@dvn.com Ph: 405-552-7970	ERIN WORKMAN REGULATORY COMPLIANCE PROF. E-Mail: Erin.workman@dvn.com Ph: 405-552-7970
Tech Contact:	ERIN WORKMAN REGULATORY COMPLIANCE PROF. E-Mail: Erin.workman@dvn.com Ph: 405-552-7970	ERIN WORKMAN REGULATORY COMPLIANCE PROF. E-Mail: Erin.workman@dvn.com Ph: 405-552-7970
Well Name: Number:	SPUD MUFFIN 31-30 FED COM 621H	SPUD MUFFIN 31-30 FED COM 621H
Location:		
State:	NM	NM
County:	EDDY	EDDY
S/T/R:	Sec 31 T23S R29E Mer NMP	Sec 31 T23S R29E Mer NMP
Surf Loc:	SWSW Lot 4 270FSL 1245FWL 32.255029 N Lat, 104.028320 W Lon	SWSW Lot 4 270FSL 1245FWL 32.255029 N Lat, 104.028320 W Lon
Field/Pool:	PURPLE SAGE; WOLFCAMP	PURPLE SAGE-WOLFCAMP (GAS)
Logs Run:	CBL	CBL
Producing Intervals - Formations:	WOLFCAMP	WOLFCAMP
Porous Zones:	RUSTLER TOP OF SALADO BASE OF SALADO DELAWARE BONE SPRING WOLFCAMP	SALADO RUSTLER DELAWARE BONE SPRING WOLFCAMP
Markers:		