

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 _____

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

3. Address 6488 SEVEN RIVERS HIGHWAY
ARTESIA, NM 88210
3a. Phone No. (include area code)
Ph: 405-552-7970

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 Sec 31 T23S R29E Mer NMP
 At surface SWSW 270FSL 1245FWL 32.255029 N Lat, 104.028320 W Lon
 Sec 31 T23S R29E Mer NMP
 At top prod interval reported below SWSW 335FSL 255FWL
 Sec 30 T23S R29E Mer NMP
 At total depth NWNW 24FNL 346FWL 32.283510 N Lat, 104.031128 W Lon

6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.
8. Lease Name and Well No.
SPUD MUFFIN 31-30 FED COM 621H
9. API Well No.
30-015-45460-00-S1
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
10/14/2019
 D & A Ready to Prod.
17. Elevations (DF, KB, RT, GL)*
2960 GL

18. Total Depth: MD 20252 TVD 9824
19. Plug Back T.D.: MD 20188 TVD
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. | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| SI | 2484 | 2555.0 | ▶ | 2070 | 2545 | 7145 | 1770 | 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 | | | ▶ | | | | | | |

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.

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: | | |