

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM22080

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@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 **Sec 12 T23S R31E Mer NMP**
SWSE 50FSL 1420FEL 32.311833 N Lat, 103.727550 W Lon
At top prod interval reported below **Sec 12 T23S R31E Mer NMP**
SESE 679FSL 1175FEL 32.313562 N Lat, 103.726762 W Lon
At total depth **Sec 36 T22S R31E Mer NMP**
SESE 27FSL 1179FEL 32.340787 N Lat, 103.726772 W Lon

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
TOMB RAIDER 12-1 FED 516H

9. API Well No.
30-015-45486-00-S1

10. Field and Pool, or Exploratory
LIVINGSTON RIDGE

11. Sec., T., R., M., or Block and Survey or Area **Sec 12 T23S R31E Mer NMP**

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

14. Date Spudded **01/06/2019** 15. Date T.D. Reached **02/19/2019** 16. Date Completed **08/08/2019**
 D & A Ready to Prod.

17. Elevations (DF, KB, RT, GL)*
3502 GL

18. Total Depth: MD **19116** TVD **9024** 19. Plug Back T.D.: MD **19057** TVD **9024** 20. Depth Bridge Plug Set: MD **19057** TVD **9024**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GRMWD

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 | | 904 | | 935 | | 0 | |
| 12.250 | 9.625 J-55 | 40.0 | | 4392 | | | | | |
| 12.250 | 9.625 P-110EC | 40.0 | | 8405 | | 1240 | | 0 | |
| 8.750 | 5.500 P110RY | 17.0 | | 9408 | | 1595 | | 0 | |
| 8.500 | 5.500 P110RY | 17.0 | | 19112 | | 1064 | | | |

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 | 8643 | | | | | | | |

25. Producing Intervals

26. Perforation Record

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|----------------|------|--------|---------------------|-------|-----------|--------------|
| A) BONE SPRING | 9200 | 18979 | 9200 TO 18979 | 0.370 | 1141 | OPEN |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|----------------|---|
| 9200 TO 18979 | 20659300 LBS PROP, 381982 BBLs FLUID, 203 BBLs ACID |
| | |
| | |

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 |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 08/08/2019 | 08/17/2019 | 24 | | 435.0 | 639.0 | 2102.0 | | | 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 | | | | 435 | 639 | 2102 | 1468 | 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 #482817 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 | 835 | 1195 | OIL/GAS/WATER | RUSTLER | 835 |
| SALADO | 1195 | 4535 | | SALADO | 1195 |
| DELAWARE | 4535 | 8410 | | DELAWARE | 4535 |
| BONE SPRING | 8410 | | | BONE SPRING | 8410 |

32. Additional remarks (include plugging procedure):

As drilled C-102 AND DIRECTIONAL SURVEY ARE ATTACHED. LOGS HAVE BEEN SENT BY FED EX.6/13/2019-6/25/2019: MIRU WL & PT. TIH & ran CBL, TOC @ CALCULATED SURF. TIH w/pump through frac plug and guns. Perf Bonespring, 9200-18979, total 1141 holes. Frac'd 9200'-18979', in 40 stages. Frac totals 20659300 lbs prop, 381982 bbls fluid, 203 bbls acid, ND frac, MIRU PU, NU BOP, DO plugs & CO to float collar: 19057' MD. CHC, FWB, ND BOP. Tubing set at 8643, ran 257 jnts of 2-7/8" L-80.

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 #482817 Verified by the BLM Well Information System.
For DEVON ENERGY PRODUCTION COM LP, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 11/24/2019 (20DMH0045SE)**

Name (please print) JENNIFER HARMS Title REGULATORY COMPLIANCE ANALYST

Signature (Electronic Submission) Date 09/11/2019

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 #482817

| | Operator Submitted | BLM Revised (AFMSS) |
|-----------------------------------|---|---|
| Lease: | NMNM022080 | NMNM22080 |
| Agreement: | | |
| Operator: | DEVON ENERGY PRODUCTION COMPAN 333 WEST SHERIDAN AVENUE OKLAHOMA CITY, OK 73102 Ph: 405-552-6560 | DEVON ENERGY PRODUCTION COM LP 333 WEST SHERIDAN AVENUE OKLAHOMA CITY, OK 73102 Ph: 405 552 6571 |
| 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: | TOMB RAIDER 12-1 FED 516H | TOMB RAIDER 12-1 FED 516H |
| Location: | | |
| State: | NM | NM |
| County: | EDDY | EDDY |
| S/T/R: | Sec 12 T23S R31E Mer | Sec 12 T23S R31E Mer NMP |
| Surf Loc: | SWSE 50FSL 1420FEL 32.311833 N Lat, 103.727550 W Lon | SWSE 50FSL 1420FEL 32.311833 N Lat, 103.727550 W Lon |
| Field/Pool: | LIVINGSTON RIDGE; BS | LIVINGSTON RIDGE |
| Logs Run: | GRMWD | GRMWD |
| Producing Intervals - Formations: | BONESPRING | BONE SPRING |
| Porous Zones: | RUSTLER SALADO DELAWARE BONE SPRING | RUSTLER SALADO DELAWARE BONE SPRING |
| Markers: | RUSTLER SALADO DELAWARE BONE SPRING | RUSTLER SALADO DELAWARE BONE SPRING |

Harms, Jenny

From: vburke@blm.gov
Sent: Thursday, April 2, 2020 11:20 AM
To: Harms, Jenny
Subject: Well TOMB RAIDER 12-1 FED 516H
Attachments: EC482817.pdf

Follow Up Flag: Follow up
Flag Status: Completed

The Completion Report you submitted has been accepted by the BLM. Your original Electronic Commerce (EC) transmission was assigned ID 482817. Please be sure to open and save all attachments to this message, since they contain important information.