

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 | | | 5. Lease Serial No. NMNM98826 | | |
| 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 _____ | | | 6. If Indian, Allottee or Tribe Name | | |
| 2. Name of Operator DEVON ENERGY PRODUCTION COMPANY Contact: JENNIFER HARMS jennifer.harms@dvn.com | | | 7. Unit or CA Agreement Name and No. | | |
| 3. Address 333 WEST SHERIDAN AVENUE OKLAHOMA CITY, OK 73102 | | 3a. Phone No. (include area code) Ph: 405-552-6560 | 8. Lease Name and Well No. ALLEY CAT 17-20 FED COM 524H | | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESE 302FSL 1266FEL 32.312653 N Lat, 103.692264 W Lon Sec 8 T23S R32E Mer NMP At top prod interval reported below NWNE 46FNL 2164FEL 32.311684 N Lat, 103.695170 W Lon Sec 17 T23S R32E Mer NMP At total depth SWSE 102FSL 2163FEL 32.283063 N Lat, 103.695152 W Lon Sec 20 T23S R32E Mer NMP | | | 9. API Well No. 30-025-46023-00-S1 | | |
| 14. Date Spudded 09/20/2019 | 15. Date T.D. Reached 10/14/2019 | | 16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 02/28/2020 | | 10. Field and Pool, or Exploratory SAND DUNES |
| 18. Total Depth: MD 19813 TVD 9376 | 19. Plug Back T.D.: MD 19810 TVD 9283 | | 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 | | 1145 | | 1200 | | 0 | |
| 12.250 | 9.625 J-55 | 40.0 | | 4489 | | | | | |
| 8.750 | 5.500 P110RY | 20.0 | | 12363 | | 2950 | | 0 | |
| 8.500 | 5.500 P110RY | 20.0 | | 19813 | | 2385 | | 0 | |

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2.875 | 8994 | | | | | | | |

| 25. Producing Intervals | | | 26. Perforation Record | | | | |
|-------------------------|------|--------|------------------------|--|-------|-----------|--------------|
| Formation | Top | Bottom | Perforated Interval | | Size | No. Holes | Perf. Status |
| A) BONE SPRING | 9475 | 19801 | 9475 TO 19801 | | 0.000 | 1234 | OPEN |
| B) | | | | | | | |
| C) | | | | | | | |
| D) | | | | | | | |

| Depth Interval | Amount and Type of Material |
|----------------|---|
| 9475 TO 19801 | FRAC TOTALS 20378190 BBLs FLUID & 416614# 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 |
| 02/28/2020 | 03/11/2020 | 24 | → | 1158.0 | 1255.0 | 3856.0 | | | 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 | | | → | 1158 | 1255 | 3856 | 1083 | 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 |
| RUSTLER | 1111 | | | RUSTLER | 1111 |
| SALADO | 1437 | | | SALADO | 1437 |
| DELAWARE | 4678 | | | DELAWARE | 4678 |
| BONE SPRING | 8637 | | | BONE SPRING | 8637 |

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, 9475-19801, total 1234 holes. Frac'd 9475-19801, in 42 stages.
Frac totals 20378190 LBS PROP, 416614 BBLs FLUID, ND frac, MIRU PU, NU BOP, DO plugs & CO

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 #508917 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 (20JAS0192SE)**

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 #508917 that would not fit on the form

32. Additional remarks, continued

to float collar/PBTD 10/15/2019: 19810' MD /9283.7' TVD CHC, FWB, ND BOP.
Ready to produce: 2/28/2020
Tubing: 2/9/2020, Set @ 8994' 2 7/8", L-80, 268 jnts

Revisions to Operator-Submitted EC Data for Well Completion #508917

| | Operator Submitted | BLM Revised (AFMSS) |
|-----------------------------------|---|---|
| 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 524H | ALLEY CAT 17-20 FED COM 524H |
| 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 1266FEL 32.312653 N Lat, 103.692264 W Lon | SESE 302FSL 1266FEL 32.312653 N Lat, 103.692264 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: jlsanchez@blm.gov
To: [Harms, Jenny](#)
Cc: jlsanchez@blm.gov
Subject: Well ALLEY CAT 17-20 FED COM 524H
Date: Monday, August 10, 2020 4:50:12 PM
Attachments: [EC508917.pdf](#)

Reclamation is due 08/28/2020.

The Completion Report you submitted has been accepted by the BLM. Your original Electronic Commerce (EC) transmission was assigned ID 508917. Please be sure to open and save all attachments to this message, since they contain important information.