

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 26 2016

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC029435B

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
NMNM1340868. Lease Name and Well No.
CEDAR LAKE FEDERAL CA 827H9. API Well No.
30-015-40470-00-S110. Field and Pool, or Exploratory
CEDAR LAKE11. Sec., T., R., M., or Block and Survey
or Area Sec 8 T17S R31E Mer NMP12. County or Parish
EDDY13. State
NM17. Elevations (DF, KB, RT, GL)*
3727 GL1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other2. Name of Operator
APACHE CORPORATIONContact: EMILY FOLLIS
E-Mail: Emily.Follis@apachecorp.com3. Address 303 VETERANS AIRPARK LANE SUITE 3000
MIDLAND, TX 797053a. Phone No. (include area code)
Ph: 432-818-1801

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

At surface SWNW 2063FNL 220FWL 32.850493 N Lat, 103.899262 W Lon

At top prod interval reported below SENE 2055FNL 332FEL

At total depth SENE 2055FNL 332FEL

14. Date Spudded
12/24/201615. Date T.D. Reached
12/01/201216. Date Completed
☐ D & A ☒ Ready to Prod.
07/29/201618. Total Depth: MD
TVD 10415
593719. Plug Back T.D.: MD
TVD 1041520. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
SBGR-CCL CNGR-CCL22. 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 Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 17.500 | 13.375 H40 | 48.0 | | 416 | | 535 | | | |
| 12.250 | 9.625 J55 | 36.0 | | 3270 | | 1665 | | | |
| 8.750 | 7.000 J55 | 26.0 | | 5328 | | 220 | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

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 | 5431 | | | | | | | |

25. Producing Intervals

26. Perforation Record

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|------------------|------|--------|---------------------|------|-----------|---------------------|
| A) GLORIETA YESO | | | 6068 TO 10401 | | | OPEN HOLE PRODUCING |
| B) BLINEBRY | 5233 | 10415 | | | | |
| C) | | | | | | |
| D) | | | | | | |

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

NM OIL CONSERVATION

| Depth Interval | Amount and Type of Material | ARTESIA DISTRICT |
|----------------|---|------------------|
| 6068 TO 10401 | TOTAL SAND #2,841,962 & TOTAL ACID 2676 BBL | SEP 26 2016 |
| | | RECEIVED |

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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|---------------------------|
| 07/29/2016 | 08/01/2016 | 24 | → | 103.0 | 86.0 | 1020.0 | 37.0 | | ELECTRIC PUMP SUB-SURFACE |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| | | | → | 103 | 86 | 1020 | 834 | POW | |

28a. Production - Interval B

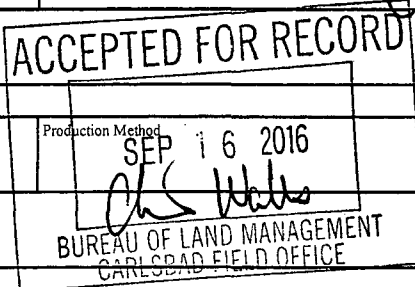
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | | | → | | | | | | |
| 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 #347679 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation due 1/29/17



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.)
CAPTURED

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 | 416 | 451 | ANHYDRITE, DOLOMITE W | RUSTLER | 416 |
| SALADO | 451 | 1359 | ANHYDRITE, DOLOMITE W | SALADO | 451 |
| TANSILL | 1359 | 1520 | ANHYDRITE, DOLOMITE O/G/W | TANSILL | 1359 |
| YATES | 1520 | 1795 | SANDSTONE O/G/W | YATES | 1520 |
| SEVEN RIVERS | 1795 | 2408 | SS, DOLO, LIMESTONE O/G/W | SEVEN RIVERS | 1795 |
| QUEEN | 2408 | 2813 | SS, DOLO, LIMESTONE O/G/W | GRAYBURG | 2813 |
| GRAYBURG | 2813 | 3132 | DOLO, LIMESTONE, SS O/G/W | SAN ANDRES | 3132 |
| SAN ANDRES | 3132 | 4632 | DOLO, LIMESTONE, SS O/G/W | QUEEN | 24008 |

32. Additional remarks (include plugging procedure):

GLORIETA 4632-4704 SANDSTONE O/G/W
 PADDOCK 4704-5233 DOLOMITE O/G/W
 BLINBRY 5233- TD(10,415) DOLOMITE O/G/W

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 #347679 Verified by the BLM Well Information System.

For APACHE CORPORATION, sent to the Carlsbad

Committed to AFMSS for processing by DEBORAH HAM on 09/16/2016 (16DMH0303SE)

Name (please print) EMILY FOLLIS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 08/12/2016

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 ** REVISED **