

NM OIL CONSERVATION
ARTESIA DISTRICT

Form 3160-4
(August 2007)

OCT 31 2016

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
OCD Artesia

FORM APPROVED
OCT 11 2016
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease and Well No.
NMLC029435A

| | | | | | |
|--|--|-------------------------------------|---|--|---|
| 1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other | | | 6. If Indian, Allottee or Tribe Name | | |
| 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 _____ | | | 7. Unit or CA Agreement Name and No. NMNM134086 | | |
| 2. Name of Operator APACHE CORPORATION | | | 8. Lease Name and Well No. CEDAR LAKE FEDERAL CA 724H | | |
| Contact: EMILY FOLLIS E-Mail: Emily.Follis@apachecorp.com | | | 9. API Well No. 30-015-43363-00-S1 | | |
| 3. Address 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705 | | | 3a. Phone No. (include area code) Ph: 432-818-1801 | | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot 3 2245FSL 505FWL At top prod interval reported below NESE 2310FSL 331FEL At total depth NESE 2310FSL 331FEL | | | 10. Field and Pool, or Exploratory CEDAR LAKE | | |
| | | | 11. Sec., T., R., M., or Block and Survey or Area Sec 7 T17S R31E Mer NMP | | |
| | | | 12. County or Parish EDDY | | 13. State NM |
| 14. Date Spudded 11/29/2015 | | 15. Date T.D. Reached 12/11/2015 | 16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 07/26/2016 | | 17. Elevations (DF, KB, RT, GL)* 3724 GL |
| 18. Total Depth: MD 9264 TVD 5357 | | 19. Plug Back T.D.: MD 9264 TVD | | 20. Depth Bridge Plug Set: MD TVD | |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL-CBL-GR | | | | 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 Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 17.500 | 13.375 H40 | 48.0 | 432 | 3510 | | 455 | | | |
| 12.250 | 9.625 J55 | 40.0 | 3510 | 4817 | | 1450 | | | |
| 8.500 | 7.000 L80 | 29.0 | 4817 | 4819 | | 580 | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

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 | 5091 | | | | | | | |

25. Producing Intervals

26. Perforation Record

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|------------------|------|--------|---------------------|------|-----------|---------------------|
| A) GLORIETA YESO | | | 5613 TO 9244 | | | OPEN HOLE PRODUCING |
| B) BLINEBRY | 5210 | 9264 | | | | |
| C) | | | | | | |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|----------------|--|
| 5613 TO 9244 | TOTAL ACID 2254 BBL, TOTAL SAND 2,640,880# |
| | |
| | |
| | |

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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|---------------------------|
| 07/26/2016 | 07/30/2016 | 24 | → | 517.0 | 856.0 | 1011.0 | 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 | |
| | | | → | 517 | 856 | 1011 | 1656 | 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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|---------------------------|
| 07/26/2016 | 07/30/2016 | 24 | → | 517.0 | 856.0 | 1011.0 | 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 | |
| | | | → | 517 | 856 | 1011 | 1655 | POW | |

ACCEPTED FOR RECORD
OCT 26 2016
TMAK
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #346513 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation due by 01/26/2017

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 | 290 | 467 | ANHYDRITE, DOLOMITE W | RUSTLER | 290 |
| SALADO | 467 | 1309 | ANHYDRITE, DOLOMITE W | SALADO | 467 |
| TANSILL | 1309 | 1466 | ANHYDRITE, SALT, DOLO, SS O/G/W | TANSILL | 1309 |
| YATES | 1466 | 1743 | SANDSTONE O/G/W | YATES | 1466 |
| SEVEN RIVERS | 1743 | 2350 | SS, DOLO, LIMESTONE O/G/W | SEVEN RIVERS | 1743 |
| QUEEN | 2350 | 2750 | SS, DOLO, LIMESTONE O/G/W | QUEEN | 2350 |
| GRAYBURG | 2750 | 3070 | DOLO, LIMESTONE, SS O/G/W | GRAYBURG | 2750 |
| SAN ANDRES | 3070 | 4550 | DOLO, LIMESTONE, SS O/G/W | SAN ANDRES | 3070 |
| GLORIETA | 4550 | 4606 | SANDSTONE O/G/W | GLORIETA | 4550 |
| PADDOCK | 4606 | 5210 | DOLOMITE O/G/W | PADDOCK | 4606 |
| BLINEBRY | 5210 | | DOLOMITE O/G/W | BLINEBRY | 5210 |

32. Additional remarks (include plugging procedure):

GLORIETA SANDSTONE O/G/W 4550-4606
 PADDOCK DOLOMITE O/G/W 4606-5210
 BLINEBRY DOLOMITE O/G/W 5210 - TD (9264')

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 #346513 Verified by the BLM Well Information System.
 For APACHE CORPORATION, sent to the Carlsbad
 Committed to AFMSS for processing by DEBORAH HAM on 09/07/2016 (16DMH0296SE)

Name (please print) EMILY FOLLIS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 08/02/2016

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 **