

# NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MAR 25 2015

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

**RECEIVED**

|  |  |                                     |  |                                      |  |
|--|--|-------------------------------------|--|--------------------------------------|--|
| 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.<br>NMNM114350  |                                      |  |
| 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.<br>Other _____  |  |                                     | 6. If Indian, Allottee or Tribe Name   |                                      |  |
| 2. Name of Operator<br>CIMAREX ENERGY COMPANY  |  |                                     | 7. Unit or CA Agreement Name and No.   |                                      |  |
| Contact: ARICKA EASTERLING<br>E-Mail: aeasterling@cimarex.com  |  |                                     | 8. Lease Name and Well No.<br>MEDWICK 32 FEDERAL COM 11H   |                                      |  |
| 3. Address 202 S. CHEYENNE, SUITE 1000<br>TULSA, OK 74103  |  |                                     | 9. API Well No.<br>30-015-42175  |                                      |  |
| 3a. Phone No. (include area code)<br>Ph: 918-560-7060  |  |                                     | 10. Field and Pool, or Exploratory<br>WC-015 S262728A, WILDCAT   |                                      |  |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)*<br>Sec 32 T26S R27E Mer<br>At surface SESE 210FSL 750FEL<br>Sec 32 T26S R27E Mer<br>At top prod interval reported below SESE 210FSL 750FEL<br>Sec 29 T26S R27E Mer<br>At total depth NENE 333FNL 770FEL |  |                                     | 11. Sec., T., R., M., or Block and Survey<br>or Area Sec 32 T26S R27E Mer  |                                      |  |
| 14. Date Spudded<br>10/07/2014   |  |                                     | 15. Date T.D. Reached<br>10/28/2014  |                                      |  |
| 16. Date Completed<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.<br>01/28/2015  |  |                                     | 17. Elevations (DF, KB, RT, GL)*<br>3185 GL  |                                      |  |
| 18. Total Depth: MD<br>TVD 14018<br>7397   |  | 19. Plug Back T.D.: MD<br>TVD 14005 |  | 20. Depth Bridge Plug Set: MD<br>TVD |  |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)<br>N/A   |  |                                     | 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>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 J55 | 48.0        | 0        | 415         |                      | 450                         |                   | 0           | 200           |
| 12.250    | 9.625 J55  | 36.0        | 0        | 1920        |                      | 791                         |                   | 0           | 358           |
| 8.500     | 5.500 L80  | 17.0        | 0        | 14018       |                      | 2519                        |                   | 0           | 301           |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |

### 24. Tubing Record

| Size  | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2.375 | 6698           |                   |      |                |                   |      |                |                   |

### 25. Producing Intervals

### 26. Perforation Record

| Formation      | Top  | Bottom | Perforated Interval | Size  | No. Holes | Perf. Status |
|----------------|------|--------|---------------------|-------|-----------|--------------|
| A) BONE SPRING | 7232 | 13949  | 7232 TO 13949       | 0.540 | 528       | OPEN         |
| B)             |      |        |                     |       |           |              |
| C)             |      |        |                     |       |           |              |
| D)             |      |        |                     |       |           |              |

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

| Depth Interval | Amount and Type of Material                         |
|----------------|---|
| 7232 TO 13949  | FRAC WITH 4,592,713 TOTAL FLUID & 7,292,141 # SAND. |
|                |   |
|                |   |
|                |   |

### 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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 01/28/2015          | 02/04/2015           | 24           | →               | 716.0   | 1168.0  | 1259.0    | 46.6                  |             | GAS LIFT          |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |
| 29                  | 940                  | 2200.0       | →               | 716     | 1168    | 1259      | 1631                  | PGW         |                   |

### 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 #295980 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

## 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 |
| BELL CANYON   | 2033 | 3022   | WATER                        | TOP SALT      | 1347        |
| CHERRY CANYON | 3022 | 4167   | WATER                        | BASE SALT     | 1816        |
| BONE SPRING   | 5631 | 6580   | WATER, OIL, GAS              | DELAWARE      | 1999        |
|               |      |        |                              | BRUSHY CANYON | 4158        |
|               |      |        |                              | BONE SPRING   | 5592        |
|               |      |        |                              | WOLFCAMP      | 8663        |

32. Additional remarks (include plugging procedure):

## 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 #295980 Verified by the BLM Well Information System.  
For CIMAREX ENERGY COMPANY, sent to the Carlsbad

Name (please print) ARICKA EASTERLING

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 03/24/2015

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.

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