

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTARTESIA DISTRICT  
OCD Artesia  
APR 04 2017FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM114350

- 1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
CIMAREX ENERGY COMPANYContact: HOPE KNAULS  
E-Mail: hknuls@cimarex.com8. Lease Name and Well No.  
KLEIN 33 FEDERAL COM 7H3. Address 202 S. CHEYENNE AVE  
TULSA, OK 741273a. Phone No. (include area code)  
Ph: 918-585-11009. API Well No.  
30-015-42180

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

At surface Sec 33 T26S R27E Mer Lot 2  
290FSL 2560FEL  
At top prod interval reported below Sec 33 T26S R27E Mer  
290FSL 2560FEL  
At total depth Sec 28 T26S R27E Mer NE NW  
330FNL 2648FWL10. Field and Pool, or Exploratory  
BONE SPRING11. Sec., T., R., M., or Block and Survey  
or Area Sec 33 T26S R27E Mer12. County or Parish  
EDDY13. State  
NM14. Date Spudded  
09/27/201615. Date T.D. Reached  
10/26/201616. Date Completed  
☐ D & A ☒ Ready to Prod.  
01/30/201717. Elevations (DF, KB, RT, GL)\*  
3197 KB18. Total Depth: MD  
TVD14097  
748919. Plug Back T.D.: MD  
TVD14094  
1409720. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
COMPENSATED NEUTRON LOG22. 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 | 48.0        |          | 400         |                      | 500                         |                   |             |               |
| 12.250    | 9.625 J-55  | 36.0        |          | 1937        |                      | 800                         |                   |             | 239           |
| 8.500     | 5.500 L80   | 17.0        |          | 14097       |                      | 2775                        |                   | 1752        |               |
|           |             |             |          |             |                      |                             |                   |             |               |
|           |             |             |          |             |                      |                             |                   |             |               |
|           |             |             |          |             |                      |                             |                   |             |               |
|           |             |             |          |             |                      |                             |                   |             |               |

## 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 | 6875           |                   |      |                |                   |      |                |                   |

## 25. Producing Intervals

| Formation     | Top  | Bottom | Perforated Interval | Size  | No. Holes | Perf. Status |
|---------------|------|--------|---------------------|-------|-----------|--------------|
| A) BONESPRING | 7343 | 14070  | 7343 TO 14070       | 0.430 | 690       | OPEN         |
| B)            |      |        |                     |       |           |              |
| C)            |      |        |                     |       |           |              |
| D)            |      |        |                     |       |           |              |

## 26. Perforation Record

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

| Depth Interval | Amount and Type of Material |
|----------------|-----------------------------|
| 7340 TO 14070  | SEE FRAC FOCUS              |
|                |                             |
|                |                             |
|                |                             |

## 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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 01/30/2017          | 02/04/2017           | 24           | →               | 775.0   | 1987.0  | 1020.0    | 40.0                  |             | GAS LIFT          |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |
| 34                  | 925                  | 0.0          | →               | 775     | 1987    | 1020      | 2564                  | POW         |                   |

ACCEPTED FOR RECORD

## 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 |                   |
|                     |                      |              | →               |         |         |           |                       |             |                   |

MAR 30 2017

Winah Negrete  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #369880 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECLAMATION DUE: 8/4/2017

## 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 |
| BELL CANYON   | 2052 | 3043   | WATER                        | SALADO        | 1346        |
| CHERRY CANYON | 3043 | 4051   | WATER                        | CASTILE       | 1874        |
| BRUSHY CANYON | 4051 | 5667   | WATER                        | BELL CANYON   | 2052        |
| BONE SPRING   | 5667 | 7330   | WATER AND OIL                | CHERRY CANYON | 3043        |
|               |      |        |                              | BRUSHY CANYON | 4051        |
|               |      |        |                              | BONE SPRING   | 5667        |

## 32. Additional remarks (include plugging procedure):

Cimarex Energy Co. would like to request all completion paperwork and logs confidential.

## 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 #369880 Verified by the BLM Well Information System.  
For CIMAREX ENERGY COMPANY, sent to the Carlsbad  
Committed to AFMSS for processing by DINAH NEGRETE on 03/29/2017 ()

Name (please print) HOPE KNAULS

Title REGULATORY TECHNICIAN

Signature (Electronic Submission)

Date 03/14/2017

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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