

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Hobbs

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

5. Lease Serial No.  
NMNM101608

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
COG OPERATING LLC

Contact: STORMI DAVIS

8. Lease Name and Well No.  
MONTERA FEDERAL 23H3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE  
MIDLAND, TX 79701-42873a. Phone No. (include area code)  
Ph: 575.748.69469. API Well No.  
30-025-43924-00-S1

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

At surface Sec 10 T25S R35E Mer NMP

SESW 190FSL 1650FWL 32.138161 N Lat, 103.358604 W Lon

At top prod interval reported below Sec 10 T25S R35E Mer NMP

SESW 330FSL 1980FWL 32.138542 N Lat, 103.357536 W Lon

At total depth NESW 2438FSL 1979FWL

10. Field and Pool, or Exploratory  
WOLFCAMP11. Sec., T., R., M., or Block and Survey  
or Area Sec 10 T25S R35E Mer NMP12. County or Parish  
LEA13. State  
NM14. Date Spudded  
12/04/201715. Date T.D. Reached  
01/11/201816. Date Completed  
☐ D & A ☒ Ready to Prod.  
05/02/201817. Elevations (DF, KB, RT, GL)\*  
3221 GL18. Total Depth: MD 19659  
TVD 1231519. Plug Back T.D.: MD 19550  
TVD 1230820. Depth Bridge Plug Set: MD 19550  
TVD 1230821. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
NONE22. 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 |
|-----------|------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 13.500    | 10.750 L80 | 45.5        | 0        | 1000        |                      | 750                         |                   | 0           |               |
| 6.750     | 5.500 P110 | 23.0        | 0        | 11163       |                      | 1565                        |                   | 0           |               |
| 9.875     | 7.625 P110 | 29.7        | 0        | 11694       | 5246                 | 1825                        |                   | 0           |               |
| 6.750     | 5.000 P110 | 18.0        | 11163    | 19650       |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |

## 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 | 11382          | 11374             |      |                |                   |      |                |                   |

## 25. Producing Intervals

## 26. Perforation Record

| Formation   | Top   | Bottom | Perforated Interval | Size  | No. Holes | Perf. Status |
|-------------|-------|--------|---------------------|-------|-----------|--------------|
| A) WOLFCAMP | 12558 | 19525  | 12558 TO 19468      | 0.000 | 2024      | OPEN         |
| B)          |       |        | 19515 TO 19525      |       | 60        | OPEN         |
| C)          |       |        |                     |       |           |              |
| D)          |       |        |                     |       |           |              |

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

| Depth Interval | Amount and Type of Material |
|----------------|-----------------------------|
| 12558 TO 19468 | SEE ATTACHED                |
|                |                             |
|                |                             |

## 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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 05/04/2018          | 05/05/2018           | 24           | →               | 403.0   | 163.0   | 2325.0    |                       |             | FLows FROM WELL   |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |
| 17/64               | 3800                 | 2200.0       | →               | 403     | 163     | 2325      |                       |             |                   |

## 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 #421024 VERIFIED BY THE BLM WELL INFORMATION SYSTEM.

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

Reclamation Due: 11/2/2018

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

ACCEPTED FOR RECORD

AUG 11 2018

Mirah Negrete

K2

## 28b. Production - Interval C

| Date First Produced | Test Date                  | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size          | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr.<br>Rate<br>→  | Oil BBL | Gas MCF | Water BBL | Gas:Oil<br>Ratio         | Well Status |                   |

## 28c. Production - Interval D

| Date First Produced | Test Date                  | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size          | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr.<br>Rate<br>→  | Oil BBL | Gas MCF | Water BBL | Gas:Oil<br>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 |
| DELAWARE         | 5241  | 5274   |                              | RUSTLER          | 729         |
| BELL CANYON      | 5275  | 6244   |                              | TOP OF SALT      | 1076        |
| CHERRY CANYON    | 6245  | 7715   |                              | BASE OF SALT     | 4841        |
| BRUSHY CANYON    | 7716  | 8955   |                              | DELAWARE         | 5241        |
| BONE SPRING LIME | 8956  | 10285  |                              | BELL CANYON      | 5275        |
| BONE SPRING 1ST  | 10286 | 10882  |                              | CHERRY CANYON    | 6245        |
| BONE SPRING 2ND  | 10883 | 11897  |                              | BRUSHY CANYON    | 7716        |
| BONE SPRING 3RD  | 11898 | 12394  |                              | BONE SPRING LIME | 8956        |

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

Additional Tops: Wolfcamp 12395'

Perfs-Stimulation and Surveys attached.

## 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 #421024 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by DUNCAN WHITLOCK on 05/25/2018 (18DW0180SE)

Name(please print) STORMI DAVIS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 05/22/2018

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 \*\***