

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

Lease Serial No.  
NMNM0897

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

2. Name of Operator COG OPERATING LLC Contact: STORMI DAVIS  
E-Mail: sdavis@concho.com

3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE  
MIDLAND, TX 79701-4287 3a. Phone No. (include area code)  
Ph: 575-748-6946

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
Sec 35 T20S R34E Mer NMP  
At surface NWNW 190FNL 660FWL  
At top prod interval reported below  
Sec 35 T20S R34E Mer NMP  
At total depth SWSW 202FSL 675FWL

6. If Indian, Allottee or Tribe Name \_\_\_\_\_  
7. Unit or CA Agreement Name and No. \_\_\_\_\_  
8. Lease Name and Well No. MAS FEDERAL COM 1H  
9. API Well No. 30-025-44092-00-S1 ✓  
10. Field and Pool, or Exploratory  
WILDCAT BONE SPRING  
11. Sec., T., R., M., or Block and Survey  
or Area Sec 35 T20S R34E Mer NMP  
12. County or Parish LEA 13. State NM  
14. Date Spudded 12/20/2017 15. Date T.D. Reached 01/11/2018 16. Date Completed  
☐ D & A ☒ Ready to Prod.  
04/04/2018 17. Elevations (DF, KB, RT, GL)\*  
3722 GL  
18. Total Depth: MD 15934 TVD 11338 19. Plug Back T.D.: MD 15825 TVD 11336 20. Depth Bridge Plug Set: MD 15825 TVD 11336  
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
NONE 22. 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 J55 | 54.5        | 0        | 1706        |                      | 1390                        |                   | 0           |               |
| 12.250    | 9.625 L80  | 40.0        | 0        | 5837        | 3433                 | 3270                        |                   | 0           |               |
| 8.750     | 5.500 P110 | 17.0        | 0        | 15902       |                      | 2390                        |                   | 0           |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |

## 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 | 10594          | 10577             |      |                |                   |      |                |                   |

## 25. Producing Intervals

| Formation      | Top   | Bottom | Perforated Interval | Size  | No. Holes | Perf. Status |
|----------------|-------|--------|---------------------|-------|-----------|--------------|
| A) BONE SPRING | 11429 | 15802  | 11429 TO 15802      | 0.000 | 1232      | OPEN         |
| B)             |       |        |                     |       |           |              |
| C)             |       |        |                     |       |           |              |
| D)             |       |        |                     |       |           |              |

## 26. Perforation Record

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

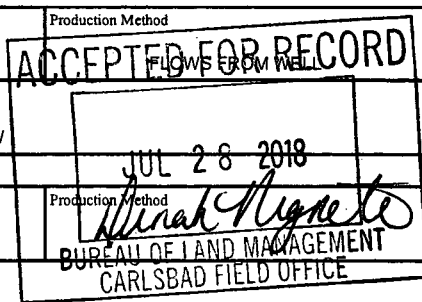
| Depth Interval | Amount and Type of Material |
|----------------|-----------------------------|
| 11429 TO 15802 | SEE ATTACHED                |
|                |                             |
|                |                             |
|                |                             |

## 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 |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 04/05/2018          | 04/05/2018        | 24           | →               | 956.0   | 1986.0  | 173.0     |                       |             | FLOW FROM WELL    |
| Choke Size          | Tbg. Press. Flwg. | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |
| 22/64               | SI 2200           | 1250.0       | →               | 956     | 1986    | 173       |                       | 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. | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |
| SI                  |                   |              | →               |         |         |           |                       |             |                   |



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

ELECTRONIC SUBMISSION #411893 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation Due: 10/4/2018

## 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 |
|------------------|-------|--------|------------------------------|------------------|-----------------|
| DELAWARE         | 5747  | 5793   |                              | RUSTLER          | 1606            |
| BELL CANYON      | 5794  | 5837   |                              | TOP OF SALT      | 1702            |
| CHERRY CANYON    | 5838  | 6796   |                              | BASE OF SALT     | 5553            |
| BRUSHY CANYON    | 6797  | 8587   |                              | DELAWARE         | 5747            |
| BONE SPRING LIME | 8588  | 9725   |                              | BELL CANYON      | 5794            |
| BONE SPRING 1ST  | 9726  | 10255  |                              | CHERRY CANYON    | 5838            |
| BONE SPRING 2ND  | 10256 | 11113  |                              | BRUSHY CANYON    | 6797            |
| BONE SPRING 3RD  | 11114 | 11338  |                              | BONE SPRING LIME | 8588            |

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

1st Bone Spring: 9726'  
2nd Bone Spring: 10256'  
3rd Bone Spring: 11114'

Survey and Perfs/Stimulation are 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 #411893 Verified by the BLM Well Information System.**  
**For COG OPERATING LLC, sent to the Hobbs**  
**Committed to AFMSS for processing by DUNCAN WHITLOCK on 04/23/2018 (18DW0123SE)**

Name (please print) STORMI DAVIS

Title REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission)

Date 04/17/2018

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 \*\***