

# NM OIL CONSERVATION

ARTESIA DISTRICT

JUN 15 2015

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMLC058362

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.  
NMNM111789X

2. Name of Operator  
COG OPERATING LLC  
Contact: CHASITY JACKSON  
E-Mail: cjackson@concho.com

8. Lease Name and Well No.  
DODD FEDERAL UNIT 913H

3. Address ONE CONCHO CENTER 600 W. ILLINOIS AVE  
MIDLAND, TX 79701

3a. Phone No. (include area code)  
Ph: 432-686-3087

9. API Well No.  
30-015-42722

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

At surface NWSW 1510FSL 70FWL

At top prod interval reported below NWSW 1510FSL 70FWL

At total depth NESE 1525FSL 350FEL

10. Field and Pool, or Exploratory  
DODD;GLORIETA-UPPER YESO

11. Sec., T., R., M., or Block and Survey  
or Area Sec 11 T17S R29E Mer NMP

12. County or Parish  
EDDY  
13. State  
NM

14. Date Spudded  
04/14/2015

15. Date T.D. Reached  
04/26/2015

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
05/15/2015

17. Elevations (DF, KB, RT, GL)\*  
3628 GL

18. Total Depth: MD 9520  
TVD 4827

19. Plug Back T.D.: MD 9447  
TVD 9447

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
COMPENSATED NEUTRON CCL/HNGS

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 Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 17.500    | 13.375 J55 | 54.5        |          | 333         |                      | 1050                         |                   |             |               |
| 12.250    | 9.625 J55  | 40.0        |          | 1064        |                      | 500                          |                   |             |               |
| 8.750     | 7.000 L80  | 29.0        |          | 4251        |                      | 0                            |                   |             |               |
| 7.875     | 5.500 L80  | 17.0        | 4251     | 9516        |                      | 1900                         |                   |             |               |
|           |            |             |          |             |                      |                              |                   |             |               |
|           |            |             |          |             |                      |                              |                   |             |               |

### 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 | 4121           |                   |      |                |                   |      |                |                   |

### 25. Producing Intervals

### 26. Perforation Record

| Formation | Top  | Bottom | Perforated Interval | Size  | No. Holes | Perf. Status |
|-----------|------|--------|---------------------|-------|-----------|--------------|
| A) YESO   | 5081 | 9427   | 5081 TO 9427        | 0.430 | 504       | OPEN         |
| B)        |      |        |                     |       |           |              |
| C)        |      |        |                     |       |           |              |
| D)        |      |        |                     |       |           |              |

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

| Depth Interval | Amount and Type of Material  |
|----------------|--|
| 5081 TO 9427   | ACIDIZE W/55,606 GALS 15% ACID. FRAC W/1,755,243 GALS GEL, 189,690 GALS TREATED WATER.             |
| 5081 TO 9427   | 118,645 GALS WATER FRAC R3, 77,669 GALS WF R9 3,536,137# 20/40 WHITE SAND, 674,395# 20/40 GARNETT. |
|                |  |
|                |  |

### 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     |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-----------------------|
| 05/18/2015          | 05/21/2015           | 24           | →               | 267.0   | 395.0   | 968.0     | 38.6                  | 0.60        | ELECTRIC PUMPING UNIT |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                       |
|                     |                      |              | →               | 267     | 395     | 968       | 1479                  | 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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|
|                     |                      |              | →               |         |         |           |                       |             |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |
|                     |                      |              | →               |         |         |           |                       |             |

Pending BLM approvals will  
subsequently be reviewed  
and scanned

6/16/15  
JAS

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

ELECTRONIC SUBMISSION #304732 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<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. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas:Oil 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. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio            | Well Status |                   |

## 29. Disposition of Gas(Sold, used for fuel, vented, etc.)

FLARED

## 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 |
| TANSILL    | 879  |        | LIMESTONE & DOLOMITE         | TANSILL    | 879         |
| YATES      | 990  |        | SANDSTONE                    | YATES      | 990         |
| QUEEN      | 1855 |        | SANDSTONE & DOLOMITE         | QUEEN      | 1855        |
| GRAYBURG   | 2274 |        | SANDSTONE & DOLOMITE         | GRAYBURG   | 2274        |
| SAN ANDRES | 2565 |        | DOLOMITE & LIMESTONE         | SAN ANDRES | 2565        |
| GLORIETA   | 3983 |        | SANDSTONE                    | GLORIETA   | 3983        |
| PADDOCK    | 4044 |        |                              |            |             |

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

Log has been mailed.

## 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 #304732 Verified by the BLM Well Information System.**  
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) CHASITY JACKSON

Title PREPARER

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

Date 06/11/2015

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***