

## NM OIL CONSERVATION

ARTESIA DISTRICT

OCD Jantes 2015

Form 3160-4  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND RECEIVED

|  |  |   |  |
|--|--|---|--|
| 1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other  |  | 6. If Indian, Allottee or Tribe Name  |  |
| 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 _____  |  | 7. Unit or CA Agreement Name and No.<br>NMNM111789X   |  |
| 2. Name of Operator<br>COG OPERATING LLC   |  | 8. Lease Name and Well No.<br>DODD FEDERAL UNIT 620   |  |
| 3. Address ONE CONCHO CENTER 600 W. ILLINOIS AVE<br>MIDLAND, TX 79701  |  | 9. API Well No.<br>30-015-40602   |  |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)*<br>At surface NESE 1600FSL 690FEL<br>At top prod interval reported below NESE 1600FSL 690FEL<br>At total depth NESE 1550FSL 332FEL  |  | 10. Field and Pool, or Exploratory<br>DODD; GLORIETA-UPPER YESO                                     |  |
| 14. Date Spudded<br>12/08/2014   |  | 15. Date T.D. Reached<br>12/12/2014   |  |
| 16. Date Completed<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.<br>12/30/2014  |  | 17. Elevations (DF, KB, RT, GL)*<br>3594 GL   |  |
| 18. Total Depth: MD 4555<br>TVD 4555   |  | 19. Plug Back T.D.: MD 4492<br>TVD 4492   |  |
| 20. Depth Bridge Plug Set: MD<br>TVD   |  | 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)<br>COMPENSATED NEUTRON CCL/HNGS |  |
| 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 Cement Depth | No. of Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|--------------------|------------------------------|-------------------|-------------|---------------|
| 17.500    | 13.375 H40 | 54.5        |          | 270         |                    | 400                          |                   |             |               |
| 11.000    | 8.625 J55  | 24.0        |          | 925         |                    | 500                          |                   |             |               |
| 7.875     | 5.500 J55  | 17.0        |          | 4543        |                    | 900                          |                   |             |               |
|           |            |             |          |             |                    |                              |                   |             |               |
|           |            |             |          |             |                    |                              |                   |             |               |
|           |            |             |          |             |                    |                              |                   |             |               |
|           |            |             |          |             |                    |                              |                   |             |               |
|           |            |             |          |             |                    |                              |                   |             |               |

## 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 | 4446           |                   |      |                |                   |      |                |                   |

## 25. Producing Intervals

| Formation  | Top  | Bottom | Perforated Interval | Size  | No. Holes | Perf. Status |
|------------|------|--------|---------------------|-------|-----------|--------------|
| A) PADDOCK | 4078 | 4348   | 4078 TO 4348        | 0.410 | 52        | OPEN         |
| B)         |      |        |                     |       |           |              |
| C)         |      |        |                     |       |           |              |
| D)         |      |        |                     |       |           |              |

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

| Depth Interval | Amount and Type of Material                                    |
|----------------|--|
| 4078 TO 4348   | ACIDIZE W/787 GALS 15% ACID.                                   |
| 4078 TO 4348   | FRAC W/47,180 GALS GEL, 50,676# 16/30 BRADY, 7,947# 16/30 SLC. |
|                |  |
|                |  |

## 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     |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-----------------------|
| 01/07/2015          | 01/08/2015           | 24           | →               | 65.0    | 73.0    | 121.0     | 40.6                  | 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 |                       |
|                     |                      |              | →               | 65      | 73      | 121       | 1123                  | 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. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |
|                     |                      |              | →               |         |         |           |                       |             |                   |

ACCEPTED FOR RECORD

ELECTRIC PUMPING UNIT

JUN 18 2015

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #290088 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Date: 7/8/15

## 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 |
| TANSILL   | 846  |        | LIMESTONE & DOLOMITE         | TANSILL  | 846         |
| YATES     | 955  |        | SANDSTONE                    | YATES    | 955         |
| QUEEN     | 1844 |        | SANDSTONE & DOLOMITE         | QUEEN    | 1844        |
| GRAYBURG  | 2237 |        | SANDSTONE & DOLOMITE         | GRAYBURG | 2237        |
| GLORIETA  | 3972 |        | SANDSTONE                    | GLORIETA | 3972        |
| PADDOCK   | 4032 |        |                              | PADDOCK  | 4032        |

32. Additional remarks (include plugging procedure):  
Will mail log.

## 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 #290088 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH HAM on 06/02/2015 ()

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 01/30/2015

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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