



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|  |  |  |  |
|--|--|--|--|
| 1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other  |  | 5. Lease Serial No.<br>NMLC028793A   |  |
| 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  |  | 6. If Indian, Allottee or Tribe Name   |  |
| 2. Name of Operator<br>COG OPERATING LLC   |  | 7. Unit or CA Agreement Name and No.   |  |
| Contact: CHASITY JACKSON<br>E-Mail: cjackson@conchoresources.com   |  | 8. Lease Name and Well No.<br>BURCH KEELY UNIT 418   |  |
| 3. Address 550 WEST TEXAS AVENUE SUITE 100<br>MIDLAND, TX 79701  |  | 9. API Well No.<br>30-015-36183  |  |
| 3a. Phone No. (include area code)<br>Ph: 432-686-3087  |  | 10. Field and Pool, or Exploratory<br>LOCO HILLS, GLORIETA-YESO                            |  |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)*<br>At surface Lot P 25FSL 900FEL 32.82743 N Lat, 104.00572 W Lon<br>At top prod interval reported below Lot P 25FSL 900FEL 32.82743 N Lat, 104.00572 W Lon<br>At total depth Lot P 25FSL 900FEL 32.82743 N Lat, 104.00572 W Lon   |  | 11. Sec., T., R., M., or Block and Survey<br>or Area Sec 18 T17S R30E Mer                  |  |
| 14. Date Spudded<br>12/09/2010   |  | 12. County or Parish<br>EDDY   |  |
| 15. Date T.D. Reached<br>12/15/2010  |  | 13. State<br>NM  |  |
| 16. Date Completed<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.<br>01/12/2011  |  | 17. Elevations (DF, KB, RT, GL)*<br>3644 GL  |  |
| 18. Total Depth: MD 4961<br>TVD 4961   |  | 19. Plug Back T.D.: MD 4947<br>TVD 4947  |  |
| 20. Depth Bridge Plug Set: MD<br>TVD   |  | 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)<br>COMPENSATED NEUTRON |  |
| 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 checked="" type="checkbox"/> No <input 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 Cementer Depth | No. of Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 17.500    | 13.375 H40 | 48.0        |          | 346         |                      | 400                         |                   |             |               |
| 11.000    | 8.625 J55  | 24.0        |          | 970         |                      | 450                         |                   |             |               |
| 7.875     | 5.500 J55  | 17.0        |          | 4960        |                      | 800                         |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |

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 | 4595           |                   |      |                |                   |      |                |                   |

25. Producing Intervals

| Formation  | Top  | Bottom | Perforated Interval | Size  | No. Holes | Perf. Status |
|------------|------|--------|---------------------|-------|-----------|--------------|
| A) PADDOCK | 4230 | 4550   | 4230 TO 4550        | 0.410 | 26        | OPEN         |
| B)         |      |        |                     |       |           |              |
| C)         |      |        |                     |       |           |              |
| D)         |      |        |                     |       |           |              |

26. Perforation Record

| Depth Interval | Amount and Type of Material   |
|----------------|---|
| 4230 TO 4550   | ACIDIZE W/3,000 GALS 15% ACID.  |
| 4230 TO 4550   | FRAC W/109,293 GALS GEL, 112,169# 16/30 OTTAWA SAND, 15,171# 16/30 SIBERPROP. |

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

| Date First Produced | Test Date         | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method     |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-----------------------|
| 01/17/2011          | 01/19/2011        | 24           | →               | 137.0   | 326.0   | 425.0     |                       |             | ELECTRIC PUMPING UNIT |
| Choke Size          | Tbg. Press. Flwg. | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                       |
|                     | SI                | 70.0         | →               |         |         |           |                       | PO          |                       |

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 |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
|                     |                   |              | →               |         |         |           |                       |             |                   |
| 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 #101810 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECEIVED

FEB 15 2011

NMOOD ARTESIA

ACCEPTED FOR RECORD

FEB 11 2011

/s/ Dustin Winkler

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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## 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.)  
CAPTURED

## 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 |
| YATES      | 1100 |        | DOLOMITE & SAND              | DOLOMITE & SAND      | 1100        |
| QUEEN      | 2011 |        | SAND                         | SAND                 | 2011        |
| SAN ANDRES | 2737 |        | DOLOMITE & ANHYDRITE         | DOLOMITE & ANHYDRITE | 2737        |
| GLORIETA   | 4134 |        | DOLOMITE & SAND              | DOLOMITE & SAND      | 4134        |
| YESO       | 4221 |        | DOLOMITE & ANHYDRITE         | DOLOMITE & ANHYDRITE | 4221        |

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

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. CONTINUED...

## 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 #101810 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 01/31/2011

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 \*\***