

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 04 2011

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMLC029405B

|  |  |  |  |  |  |
|--|--|--|--|--|--|
| 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.   |  |  |
| 2. Name of Operator<br>COG OPERATING LLC   |  |  | Contact: CHASITY JACKSON<br>E-Mail: cjackson@conchoresources.com                       |  |  |
| 3. Address 550 WEST TEXAS AVENUE SUITE 100<br>MIDLAND, TX 79701-4287   |  |  | 3a. Phone No. (include area code)<br>Ph: 432-686-3087                                  |  |  |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)*<br>At surface SWSE Lot O 840FSL 1650FEL<br>At top prod interval reported below SWSE Lot O 840FSL 1650FEL<br>At total depth SWSE Lot O 840FSL 1650FEL  |  |  | 9. API Well No.<br>30-025-39498-00-S1  |  |  |
| 14. Date Spudded<br>01/16/2011   |  |  | 15. Date T.D. Reached<br>01/25/2011  |  |  |
| 16. Date Completed<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.<br>02/22/2011  |  |  | 17. Elevations (DF, KB, RT, GL)*<br>3927 GL  |  |  |
| 18. Total Depth. MD 7120<br>TVD 7120   |  |  | 19. Plug Back T.D.: MD 7060<br>TVD 7060  |  |  |
| 20. Depth Bridge Plug Set: MD<br>TVD   |  |  | 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)<br>COMPENSATEDNEUT |  |  |
| 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       | 0        | 701         |                      | 650                         |                   | 0           |               |
| 11.000    | 8.625 J55  | 32.0       | 0        | 1912        |                      | 600                         |                   | 0           |               |
| 7.875     | 5.500 L-80 | 17.0       | 0        | 7115        | 3804                 | 1600                        |                   | 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 | 6450           |                   |      |                |                   |      |                |                   |

## 25. Producing Intervals

| Formation   | Top  | Bottom | Perforated Interval | Size  | No. Holes | Perf. Status          |
|-------------|------|--------|---------------------|-------|-----------|-----------------------|
| A) PADDOCK  | 5320 | 5470   | 5320 TO 5470        | 0.000 | 26        | OPEN, Paddock         |
| B) BLINEBRY | 6480 | 6680   | 5940 TO 6140        | 0.000 | 26        | OPEN, Upper Blinebry  |
| C)          |      |        | 6210 TO 6410        | 0.000 | 26        | OPEN, Middle Blinebry |
| D)          |      |        | 6480 TO 6680        | 0.000 | 26        | OPEN, Lower Blinebry  |

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

| Depth Interval | Amount and Type of Material  |
|----------------|--|
| 5320 TO 5470   | ACIDIZE W/3,000 GALS 15% ACID.   |
| 5320 TO 5470   | FRAC W/110,000 GALS GEL, 115,378# 16/30 WHITE SAND, 13,378# 16/30 SIBERPROP. |
| 5940 TO 6140   | ACIDIZE W/2,500 GALS 15% ACID.   |
| 5940 TO 6140   | FRAC W/124,000 GALS GEL, 145,311# 16/30 WHITE SAND, 29,393# 16/30 SIBERPROP. |

## 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     |
|---------------------|--------------------|--------------|-----------------|---------|---------|-----------|----------------------|-------------|-----------------------|
| 03/04/2011          | 03/12/2011         | 24           | →               | 27.0    | 52.0    | 384.0     | 37.3                 |             | 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 |                       |
|                     |                    | 70.0         | →               | 27      | 52      | 384       |                      | POW         |                       |

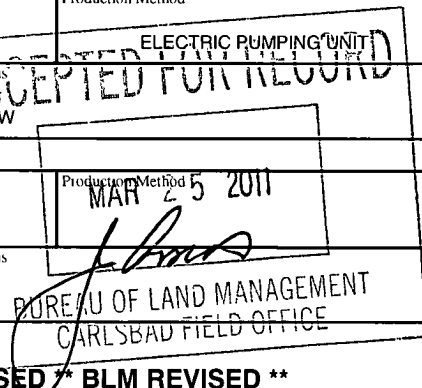
## 28a. Production - Interval B

| Date First Produced | Test Date          | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr API | Gas Gravity | Production Method |
|---------------------|--------------------|--------------|-----------------|---------|---------|-----------|----------------------|-------------|-------------------|
|                     |                    |              | →               |         |         |           |                      |             | MAR 25 2011       |
| 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 #104839 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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



## 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.)

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<br>Meas. Depth |
|---|--|--------|--|------|--------------------|
| YATES<br>QUEEN<br>SAN ANDRES<br>GLORIETTA<br>YESO<br>TUBB | 1963<br>2941<br>3689<br>5215<br>5294<br>6629 |        | DOLOMITE & SAND<br>SAND<br>DOLOMITE & ANHYDRITE<br>DOLOMITE & SAND<br>DOLOMITE & ANHYDRITE<br>SAND |      |                    |

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

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

6210-6410 ACIDIZE W/2,500 GALS 15% ACID.

6210-6410 FRAC W/124,000 GALS GEL, 145,242# 16/30 WHITE SAND, 30,767# 16/30 SIBERPROP.

6480-6680 ACIDIZE W/2,500 GALS 15% ACID.

6480-6680 FRAC W/123,000 GALS GEL, 146,720# 16/30 WHITE SAND, 27,730# 16/30 SIBERPROP.

## 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 #104839 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by CHERYLE RYAN on 03/22/2011 (11CMR0166SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 03/21/2011

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.

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