

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>NMNM074935  |  |
| 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: KANICIA CARRILLO<br>E-Mail: kcarrillo@conchoresources.com   |  | 8. Lease Name and Well No.<br>ELECTRA FEDERAL 37  |  |
| 3. Address 550 W TEXAS, STE 1300 FASKEN TOWER II<br>MIDLAND, TX 79701  |  | 9. API Well No<br>30-015-36959-00-S1  |  |
| 3a. Phone No. (include area code)<br>Ph: 432-685-4332  |  | 10. Field and Pool, or Exploratory<br>LOCO HILLS  |  |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)<br>Sec 15 T17S R30E Mer NMP<br>At surface NENW 480FNL 1650FWL 32.84050 N Lat, 103.96305 W Lon<br>At top prod interval reported below<br>At total depth   |  | 11. Sec., T., R., M., or Block and Survey<br>or Area Sec 15 T17S R30E Mer NMP           |  |
| 14. Date Spudded<br>08/18/2009   |  | 15. Date T.D. Reached<br>08/26/2009   |  |
| 16. Date Completed<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.<br>09/16/2009  |  | 17. Elevations (DF, KB, RT, GL)*<br>3704 GL   |  |
| 18. Total Depth: MD 6011 TVD 6011  |  | 19. Plug Back T.D.: MD 5952 TVD 5952  |  |
| 20. Depth Bridge Plug Set: MD TVD  |  | 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)<br>COMPENSATED NEUT |  |
| 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 H-40 | 48.0       | 0        | 459         |                      | 1025                       |                   | 0           |               |
| 11.000    | 8.625 J-55  | 24.0       | 0        | 1265        |                      | 500                        |                   | 0           |               |
| 7.875     | 5.500 J-55  | 17.0       | 0        | 6011        |                      | 1000                       |                   | 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 | 5737           |                   |      |                |                   |      |                |                   |

## 25. Producing Intervals

| Formation        | Top  | Bottom | Perforated Interval | Size  | No. Holes | Perf Status |
|------------------|------|--------|---------------------|-------|-----------|-------------|
| A) GLORIETA YESO |      |        | 4460 TO 4750        | 0.410 | 29        | OPEN        |
| B) PADDOCK       | 4460 | 4750   | 5030 TO 5230        | 0.410 | 26        | OPEN        |
| C) BLINEBRY      | 5570 | 5770   | 5300 TO 5500        | 0.410 | 26        | OPEN        |
| D)               |      |        | 5570 TO 5770        | 0.410 | 29        | OPEN        |

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

| Depth Interval | Amount and Type of Material  |
|----------------|--|
| 4460 TO 4750   | ACIDIZE W/3000 GALS 15% ACID   |
| 4460 TO 4750   | FRAC W/110,037 GALS GEL, 115,894# 16/30 OTTAWA SAND, 16,103# 16/30 SIBERPROP SAND  |
| 5030 TO 5230   | ACIDIZE W/2,500 GALS 15% ACID  |
| 5030 TO 5230   | FRAC W/ 123,838 GALS GEL, 145,334# 16/30 OTTAWA SAND, 31,567# 16/30 SIBERPROP SAND |

## 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     |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|----------------------|-------------|-----------------------|
| 09/20/2009          | 09/22/2009        | 24           | →               | 163.0   | 188.0   | 351.0     | 38.5                 | 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 |                       |
|                     | 70                | 70.0         | →               | 163     | 188     | 351       |                      |             |                       |

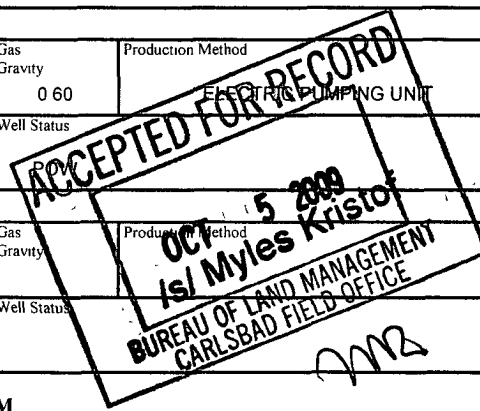
## 28a. Production - Interval B

| 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 |                   |
|                     |                   |              | →               |         |         |           |                      |             |                   |

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

ELECTRONIC SUBMISSION #74822 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 | 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 |
|--|--|--------|--|------|-----------------|
| YATES<br>QUEEN<br>SAN ANDRES<br>GLORIETA<br>YESO<br>TUBB | 1272<br>2178<br>2911<br>4347<br>4451<br>5876 |        | DOLOMITE & SAND<br>SAND<br>DOLOMITE & ANHYDRITE<br>SAND & DOLOMITE<br>DOLOMITE & ANHYDRITE<br>SAND |      |                 |

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

Acid, Fracture, Treatment, Cement Squeeze etc. continued...

5300-5500 ACIDIZE W/2,500 GALS 15% ACID

5300-5500 FRAC W/ 125,259 GALS GEL, 148,071# 16/30 OTTAWA SAND, 33,585# 16/30 SIBERPROP SAND

5570-5770 ACIDIZE W/2,500 GALS 15% ACID

5570-5770 FRAC W/ 125,245 GALS GEL, 148,471# 16/30 OTTAWA SAND, 29,613# 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 #74822 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 09/28/2009 (09KMS2319SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 09/28/2009

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 \*\***

**Additional data for transaction #74822 that would not fit on the form**

**32. Additional remarks, continued**

SAND