

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JUN 23 2009

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                                                                                                                                                                  |  | 6. If Indian, Allottee or Tribe Name                                                   |  |
| b. Type of Completion <input 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                                                                                                                                                                                                                                                                                     |  | 8. Lease Name and Well No.<br>ELECTRA FEDERAL 43                                       |  |
| 3. Address 550 W TEXAS, STE 1300 FASKEN TOWER II<br>MIDLAND, TX 79701                                                                                                                                                                                                                                                        |  | 9. API Well No.<br>30-015-36961-00-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 10 T17S R30E Mer NMP<br>At surface SESW 745FSL 1680FWL<br><br>At top prod interval reported below<br><br>At total depth                                                                                                    |  | 11. Sec., T, R, M., or Block and Survey<br>or Area Sec 10 T17S R30E Mer NMP            |  |
| 14. Date Spudded<br>04/19/2009                                                                                                                                                                                                                                                                                               |  | 15. Date T.D. Reached<br>04/30/2009                                                    |  |
| 16. Date Completed<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.<br>05/15/2009                                                                                                                                                                                                        |  | 17. Elevations (DF, KB, RT, GL)*<br>3698 GL                                            |  |
| 18. Total Depth: MD 6003<br>TVD 6003                                                                                                                                                                                                                                                                                         |  | 19. Plug Back T.D.: MD 5946<br>TVD 5946                                                |  |
| 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 H-40 | 48.0        | 0        | 442         |                      | 448                         |                   | 0           |               |
| 11.000    | 8.625 J-55  | 24.0        | 0        | 1307        |                      | 500                         |                   | 0           |               |
| 7.875     | 5.500 J-55  | 17.0        | 0        | 6004        |                      | 1100                        |                   | 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 | 5751           |                   |      |                |                   |      |                |                   |

## 25. Producing Intervals

| Formation        | Top  | Bottom | Perforated Interval | Size  | No. Holes | Perf Status |
|------------------|------|--------|---------------------|-------|-----------|-------------|
| A) GLORIETA YESO |      |        | 5030 TO 5230        | 0.410 | 48        | OPEN        |
| B) PADDOCK       | 5030 | 5230   | 5300 TO 5500        | 0.410 | 36        | OPEN        |
| C) BLINEBRY      | 5580 | 5780   | 5580 TO 5780        | 0.410 | 36        | OPEN        |
| D)               |      |        |                     |       |           |             |

## 26. Perforation Record

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

| Depth Interval | Amount and Type of Material                               |
|----------------|-----------------------------------------------------------|
| 5030 TO 5230   | ACIDIZE W/2500 GALS 15% ACID                              |
| 5030 TO 5230   | FRAC W/123,087 GALS GEL, 144832# 16/30 SAND, 40,862# CRC. |
| 5300 TO 5500   | ACIDIZE W/3,500 GALS 15% ACID                             |
| 5300 TO 5500   | FRAC W/119,101 GALS GEL, 145,923# 16/30 SAND, 33,186# CRC |

ACCEPTED FOR RECORD

JUN 21 2009

## 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 |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|----------------------|-------------|
| 05/31/2009          | 06/05/2009        | 24           | →               | 237.0   | 365.0   | 363.0     | 37.9                 |             |
| 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         | →               | 237     | 365     | 363       | 1540                 | 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     |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|----------------------|-------------|-----------------------|
| 05/31/2009          | 06/05/2009        | 24           | →               | 237.0   | 365.0   | 363.0     | 37.9                 | 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         | →               | 237     | 365     | 363       |                      | POW         |                       |

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

ELECTRONIC SUBMISSION #70629 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<br>Meas Depth |
|----------------------------------------------------------|----------------------------------------------|--------|----------------------------------------------------------------------------------------------------|------|-------------------|
| YATES<br>QUEEN<br>SAN ANDRES<br>GLORIETA<br>YESO<br>TUBB | 1275<br>2183<br>2910<br>4371<br>4435<br>5888 |        | 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...

5580-5780 ACIDIZE W/3500 GALS 15% ACID.

5580-5780 FRAC W/122,001 GALS GEL, 145,330# 16/30 SAND, 36,629# CRC.

## 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 #70629 Verified by the BLM Well Information System.**  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 06/08/2009 (09KMS1540SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 06/08/2009

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 \*\***