

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>NMNM0467931                                                                                                                                                                                                                                                                                             |  |
| 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.                                                                                                                                                                                                                                                                                          |  |
| 3 Address 550 W TEXAS, STE 1300 FASKEN TOWER II<br>MIDLAND, TX 79701                                                                                                                                                 |  | 8 Lease Name and Well No<br>ELECTRA FEDERAL 26                                                                                                                                                                                                                                                                               |  |
| 3a Phone No. (include area code)<br>Ph: 432-685-4332                                                                                                                                                                 |  | 9 API Well No<br>30-015-37197-00-S1                                                                                                                                                                                                                                                                                          |  |
| 4 Location of Well (Report location clearly and in accordance with Federal requirements)<br>At surface Sec 10 T17S R30E Mer NMP<br>SENE 1910FNL 520FEL                                                               |  | 10 Field and Pool, or Exploratory<br>LOCO HILLS                                                                                                                                                                                                                                                                              |  |
| At top prod interval reported below                                                                                                                                                                                  |  | 11 Sec, T, R, M, or Block and Survey<br>or Area Sec 10 T17S R30E Mer NMP                                                                                                                                                                                                                                                     |  |
| At total depth                                                                                                                                                                                                       |  | 12 County or Parish<br>EDDY                                                                                                                                                                                                                                                                                                  |  |
| 14 Date Spudded<br>09/25/2009                                                                                                                                                                                        |  | 13 State<br>NM                                                                                                                                                                                                                                                                                                               |  |
| 15 Date T.D. Reached<br>10/04/2009                                                                                                                                                                                   |  | 17 Elevations (DF, KB, RT, GL)*<br>3738 GL                                                                                                                                                                                                                                                                                   |  |
| 16 Date Completed<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.<br>10/23/2009                                                                                                 |  |                                                                                                                                                                                                                                                                                                                              |  |
| 18. Total Depth: MD 6008<br>TVD 6008                                                                                                                                                                                 |  | 19 Plug Back T.D. MD 5963<br>TVD 5963                                                                                                                                                                                                                                                                                        |  |
| 20. Depth Bridge Plug Set MD<br>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 H40 | 48.0      | 0        | 448         |                      | 948                         |                  | 0           | 0             |
| 11.000    | 8.625 J55  | 24.0      | 0        | 1306        |                      | 500                         |                  | 0           | 0             |
| 7.875     | 5.500 J55  | 17.0      | 0        | 6008        |                      | 1000                        |                  | 0           | 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 | 5564           |                   |      |                |                   |      |                |                   |

## 25. Producing Intervals

| Formation   | Top  | Bottom | Perforated Interval | Size  | No. Holes | Perf. Status |
|-------------|------|--------|---------------------|-------|-----------|--------------|
| A) BLINEBRY | 5080 | 5820   | 5080 TO 5280        | 0.410 | 25        | OPEN         |
| B)          |      |        | 5350 TO 5550        | 0.410 | 25        | OPEN         |
| C)          |      |        | 5620 TO 5820        | 0.410 | 29        | OPEN         |
| D)          |      |        |                     |       |           |              |

## 26. Perforation Record

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

| Depth Interval | Amount and Type of Material                                                    |
|----------------|--------------------------------------------------------------------------------|
| 5080 TO 5280   | ACIDIZE W/3,700 GALS 15% ACID                                                  |
| 5080 TO 5280   | FRAC W/ 112,519 GALS GEL, 128,104# 16/30 OTTAWA SAND, 26,578# 16/30 SIBERPROP  |
| 5350 TO 5550   | ACIDIZE W/3,500 GALS 15% ACID.                                                 |
| 5350 TO 5550   | FRAC W/ 124,297 GALS GEL, 144,423# 16/30 OTTAWA SAND, 32,105# 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     |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|----------------------|-------------|-----------------------|
| 11/01/2009          | 11/09/2009        | 24           | →               | 173.0   | 436.0   | 466.0     | 39.1                 | 0.65        | 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         | →               | 173     | 436     | 466       |                      | POW         |                       |

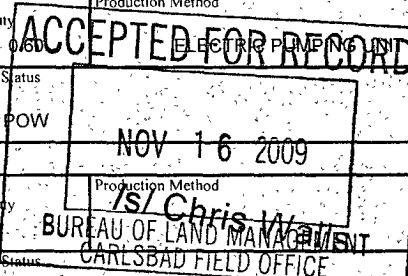
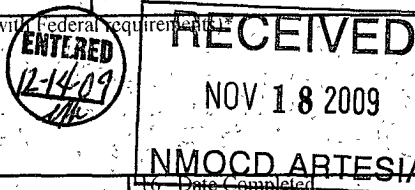
## 28a. Production - Interval B

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

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

ELECTRONIC SUBMISSION #77171 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      | 1380 |        | DOLOMITE & SAND             |      |                 |
| QUEEN      | 2285 |        | SAND                        |      |                 |
| SAN ANDRES | 2995 |        | DOLOMITE & ANHYDRITE        |      |                 |
| GLORIETA   | 4442 |        | SAND & DOLOMITE             |      |                 |
| YESO       | 4530 |        | DOLOMITE & ANHYDRITE        |      |                 |
| TUBB       | 5917 |        | SAND                        |      |                 |

32. Additional remarks (include plugging procedure).  
Acid, Fracture, Treatment, Cement Squeeze etc. continued...

5620-5820 ACIDIZE W/2,500 GALS 15% ACID.

5620-5820 FRAC W/ 124,606 GALS GEL, 145,813# 16/30 OTTAWA SAND, 31,219# 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 #77171 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 11/12/2009 (10KMS0237SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 11/11/2009

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 \*\***