

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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>NMLC028784B  |  |
| 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.<br>NMNM88525X  |  |
| Contact: CHASITY JACKSON<br>E-Mail: cjackson@concho.com  |  | 8. Lease Name and Well No.<br>BURCH KEELY UNIT 550  |  |
| 3. Address 550 WEST TEXAS AVENUE SUITE 100<br>MIDLAND, TX 79701  |  | 9. API Well No.<br>30-015-39523-00-S1   |  |
| 3a. Phone No. (include area code)<br>Ph: 432-686-3087  |  | 10. Field and Pool, or Exploratory<br>BURCH KEELY-GLORIETA-UPPER YES                                  |  |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)*<br>At surface NENW 330FNL 1650FWL<br>At top prod interval reported below NENW 330FNL 1650FWL<br>At total depth NENW 330FNL 1650FWL  |  | 11. Sec., T., R., M., or Block and Survey<br>or Area Sec 18 T17S R30E Mer NMP                         |  |
| 14. Date Spudded<br>02/27/2012   |  | 15. Date T.D. Reached<br>03/04/2012   |  |
| 16. Date Completed<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.<br>03/22/2012  |  | 17. Elevations (DF, KB, RT, GL)*<br>3621 GL   |  |
| 18. Total Depth: MD 4655<br>TVD 4655   |  | 19. Plug Back T.D.: MD 4600<br>TVD 4600   |  |
| 20. Depth Bridge Plug Set: MD<br>TVD   |  | 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)<br>COMPENSATED NEUT HNGSMCFL HNGS |  |
| 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        | 351         |                      | 400                         |                   | 0           |               |
| 11.000    | 8.625 J-55  | 24.0        | 0        | 1143        |                      | 500                         |                   | 0           |               |
| 7.875     | 5.500 J-55  | 17.0        | 0        | 4655        |                      | 900                         |                   | 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 | 4575           |                   |      |                |                   |      |                |                   |

## 25. Producing Intervals

| Formation  | Top  | Bottom | Perforated Interval | Size  | No. Holes | Perf. Status  |
|------------|------|--------|---------------------|-------|-----------|---------------|
| A) PADDOCK | 4300 | 4500   | 4300 TO 4500        | 0.340 | 26        | OPEN, Paddock |
| B)         |      |        |                     |       |           |               |
| C)         |      |        |                     |       |           |               |
| D)         |      |        |                     |       |           |               |

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

| Depth Interval | Amount and Type of Material  |
|----------------|--|
| 4300 TO 4500   | ACIDIZE W/2,000 GALS 15% ACID.                                       |
| 4300 TO 4500   | FRAC W/99,978 GALS GEL, 111,809# 16/30 BROWN SAND, 15,660# 16/30 CRC |
|                |  |
|                |  |

## 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     |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|----------------------|-------------|-----------------------|
| 04/02/2012          | 04/02/2012        | 24           | →               | 43.0    | 15.0    | 251.0     | 38.6                 | 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 |                       |
|                     |                   | 70.0         | →               | 43      | 15      | 251       | 349                  | 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 |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|----------------------|-------------|-------------------|
|                     |                   |              | →               |         |         |           |                      |             | MAY 6 2012        |
| 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 #137102 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Accepted for record

NMOCD 105  
5/9/2012RECLAMATION  
DUE 9-22-12

ACCEPTED FOR RECORD

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

## 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 |
| RUSTLER    | 288  |        | ANHYDRITE                    | RUSTLER    | 288         |
| YATES      | 1134 |        | SANDSTONE                    | YATES      | 1134        |
| QUEEN      | 2027 |        | SANDSTONE & DOLOMITE         | QUEEN      | 2027        |
| SAN ANDRES | 2718 |        | DOLOMITE & LIMESTONE         | SAN ANDRES | 2718        |
| GLORIETA   | 4169 |        | SANDSTONE                    | GLORIETA   | 4169        |
| YESO       | 4265 |        | DOLOMITE & ANHYDRITE         | YESO       | 4265        |

32 Additional remarks (include plugging procedure):  
Logs will be mailed.

## 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 #137102 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 05/02/2012 (12KMS1875SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 05/02/2012

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 \*\***