

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

**RECEIVED**  
 FEB 05 2013  
 NMOOD ARTESIA

5. Lease Serial No.  
NMLC028793C

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
NMNM88525X

8. Lease Name and Well No.  
BURCH KEELY UNIT 607

9. API Well No.  
30-015-40320-00-S1

10. Field and Pool, or Exploratory  
BURCH KEELY-GLORIETA-UPPER YES

11. Sec., T., R., M., or Block and Survey  
or Area Sec 23 T17S R29E Mer NMP

12. County or Parish  
EDDY

13. State  
NM

17. Elevations (DF, KB, RT, GL)\*  
3588 GL

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
 Other \_\_\_\_\_

2. Name of Operator  
COG OPERATING LLC

Contact: CHASITY JACKSON  
E-Mail: cjackson@concho.com

3. Address ONE CONCHO CENTER 600 WILLINOIS AVENUE  
MIDLAND, TX 79701

3a. Phone No. (include area code)  
Ph: 432-686-3087

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface NWSE 2004FSL 1588FEL  
 At top prod interval reported below NWSE 2004FSL 1588FEL  
 At total depth NWSE 1976FSL 1978FEL

14. Date Spudded  
08/03/2012

15. Date T.D. Reached  
08/09/2012

16. Date Completed  
 D & A  Ready to Prod.  
08/27/2012

18. Total Depth: MD 4819  
TVD 4819

19. Plug Back T.D.: MD 4766  
TVD 4766

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
COMPENSATED NEUT HNGS CCL

22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit analysis)  
 Directional Survey?  No  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        | 264         |                      | 400                         |                   | 0           |               |
| 11.000    | 8.625 J-55  | 24.0        | 0        | 973         |                      | 1263                        |                   | 0           |               |
| 7.875     | 5.500 J-55  | 17.0        | 0        | 4819        |                      | 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 | 4457           |                   |      |                |                   |      |                |                   |

25. Producing Intervals

| Formation  | Top  | Bottom | Perforated Interval | Size  | No. Holes | Perf. Status |
|------------|------|--------|---------------------|-------|-----------|--------------|
| A) PADDOCK | 4100 | 4350   | 4100 TO 4350        | 0.410 | 26        | OPEN         |
| B)         |      |        |                     |       |           |              |
| C)         |      |        |                     |       |           |              |
| D)         |      |        |                     |       |           |              |

26. Perforation Record

| Depth Interval | Amount and Type of Material                         |
|----------------|---|
| 4350           | gal gel, 111185# 16/30 brown sand, 19472# 16/30 SLC |
| 4100 TO 4350   | gal acid  |

**RECLAMATION**  
**DUE 2-27-13**

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     |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-----------------------|
| 08/30/2012          | 08/30/2012           | 24           | →               | 5.0     | 70.0    | 225.0     | 40.4                  | 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         | →               | 5       | 70      | 225       |                       | POW         |                       |

**ACCEPTED FOR RECORD**

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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
|                     |                      |              | →               |         |         |           |                       |             | FEB 2 2013        |
| 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 #184700 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
 \*\* BLM REVISED \*\*

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

*gmu*

28b. Production - Interval C

|                     |                      |              |                      |         |         |           |                       |             |                   |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Date First Produced | Test Date            | Hours Tested | Test Production<br>→ | 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<br>→     | Oil BBL | Gas MCF | Water BBL | Gas:Oil 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 Corr. API | Gas Gravity | Production Method |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate<br>→     | 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    | 302  | 757    | ANHYDRITE<br>SALT<br>SANDSTONE & DOLOMITE<br>DOLOMITE & LIMESTONE<br>SANDSTONE<br>DOLOMITE & ANHYDRITE | RUSTLER<br>SALADO<br>QUEEN<br>SAN ANDRES<br>GLORIETA<br>YESO | 302         |
| SALADO     | 599  |        |  |  | 599         |
| QUEEN      | 1832 |        |  |  | 1832        |
| SAN ANDRES | 2539 |        |  |  | 2539        |
| GLORIETA   | 3997 |        |  |  | 3997        |
| YESO       | 4067 |        |  |  | 4067        |

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 #184700 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 01/24/2013 (13KMS4566SE)**

Name (please print) CHASITY JACKSON Title PREPARER

Signature \_\_\_\_\_ (Electronic Submission) Date 01/17/2013

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 \*\***