

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

5 Lease Serial No.  
NMLC028784B1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
NMNM88525X2 Name of Operator  
COG OPERATING LLCContact: CHASITY JACKSON  
E-Mail: cjackson@concho.com8. Lease Name and Well No.  
BURCH KEELY UNIT 6093. Address 550 WEST TEXAS AVENUE SUITE 100  
MIDLAND, TX 797013a. Phone No. (include area code)  
Ph: 432-686-30879. API Well No  
30-015-38645-00-X1

4 Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface Sec 23 T17S R29E Mer NMP  
SESW Lot N 1215FSL 2375FWL

At top prod interval reported below

Sec 23 T17S R29E Mer NMP  
At total depth SESW Lot N 1309FSL 2628FWL

OCT 31 2011

NMOCD ARTESIA

10. Field and Pool, or Exploratory  
GRAYBURG JACKSON11. Sec., T., R., M., or Block and Survey  
or Area Sec 23 T17S R29E Mer NMP12. County or Parish  
EDDY13. State  
NM14 Date Spudded  
08/11/201115 Date T.D. Reached  
08/19/201116 Date Completed  
☐ D & A ☒ Ready to Prod.  
09/15/201117 Elevations (DF, KB, RT, GL)\*  
3582 GL18 Total Depth. MD 4823  
TVD 482319. Plug Back T.D.. MD 4775  
TVD 477520. Depth Bridge Plug Set. MD  
TVD21 Type Electric & Other Mechanical Logs Run (Submit copy of each)  
COMPENSATED NEUT22. 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 Sks & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|-------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 17.500    | 13.375 H40  | 48.0        |          | 331         |                      | 400                         |                   |             |               |
| 11.000    | 8.625 J55   | 24.0        |          | 884         |                      | 500                         |                   |             |               |
| 7.875     | 5.500 J55   | 17.0        |          | 4823        |                      | 900                         |                   |             |               |
| 17.500    | 13.375 H-40 | 48.0        | 0        | 331         |                      | 400                         |                   | 0           |               |
| 11.000    | 8.625 J-55  | 24.0        | 0        | 884         |                      | 500                         |                   | 0           |               |
| 7.875     | 5.500 J-55  | 17.0        | 0        | 4823        |                      | 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 | 4578           |                   |      |                |                   |      |                |                   |

## 25 Producing Intervals

| Formation      | Top  | Bottom | Perforated Interval | Size  | No. Holes | Perf. Status |
|----------------|------|--------|---------------------|-------|-----------|--------------|
| A) SR-QN-GB-SA |      |        | 4080 TO 4330        | 0.410 | 26        | OPEN         |
| B) PADDOCK     | 4080 | 4708   | 4400 TO 4708        | 0.410 | 29        | OPEN         |
| C)             |      |        |                     |       |           |              |
| D)             |      |        |                     |       |           |              |

## 26 Perforation Record

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

| Depth Interval | Amount and Type of Material                                                  |
|----------------|------------------------------------------------------------------------------|
| 4080 TO 4330   | ACIDIZE W/2,500 GALS 15% ACID                                                |
| 4080 TO 4330   | FRAC W/118,501 GALS GEL, 133,974# 16/30 BRADY SAND, 16,477# 16/30 SIBERPROP. |
| 4400 TO 4708   | ACIDIZE W/2,500 GALS 15% ACID.                                               |
| 4400 TO 4708   | FRAC W/177,422 GALS GEL, 103,650# 16/30 BRADY SAND, 18,417# 16/30 SIBERPROP. |

RECLAMATION  
DUE 3-15-12

## 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     |
|---------------------|--------------------|--------------|-----------------|---------|---------|-----------|----------------------|-------------|-----------------------|
| 09/20/2011          | 09/21/2011         | 24           | →               | 122.0   | 267.0   | 344.0     | 38.7                 | 2188.00     | 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         | →               | 122     | 267     | 344       |                      | 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 |                   |
|                     |                    |              | →               |         |         |           |                      |             |                   |

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #120929 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Accepted for record  
NMOCD

## 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    | 262  |        | ANHYDRITE                   | TOP SALT   | 364         |
| SALADO     | 364  |        | SALT                        | YATES      | 908         |
| YATES      | 908  |        | DOLOMITE & SAND             | SAN ANDRES | 1813        |
| QUEEN      | 1813 |        | DOLOMITE & ANHYDRITE        | QUEEN      | 2520        |
| SAN ANDRES | 2520 |        | SAND                        | GLORIETA   | 4049        |
| GLORIETA   | 3981 |        | DOLOMITE & ANHYDRITE        |            |             |
| YESO       | 4049 |        | SAND & DOLOMITE             |            |             |

## 32 Additional remarks (include plugging procedure)

## 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 #120929 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 10/25/2011 (12KMS0147SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 10/20/2011

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 \*\***