

NM OIL CONSERVATION
ARTESIA DISTRICT

OCD Artesia
JUN 25 2015

Form 3160-4
(August 2007)

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

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

3. Address: ONE CONCHO CENTER 600 W. ILLINOIS AVE MIDLAND, TX 79701

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface SWSW 330FSL 330FWL
 At top prod interval reported below SWSW 330FSL 330FWL
 At total depth SWSW 330FSL 330FWL

5. Lease Serial No. NMLC028784A
 6. If Indian, Allottee or Tribe Name
 7. Unit or CA Agreement Name and No. MNM88525X
 8. Lease Name and Well No. BURCH KEELY UNIT 905
 9. API Well No. 30-015-40540
 10. Field and Pool, or Exploratory BURCH KEELY
 11. Sec., T., R., M., or Block and Survey or Area Sec 13 T17S R29E Mer NMP
 12. County or Parish EDDY 13. State NM
 14. Date Spudded 01/04/2015 15. Date T.D. Reached 01/10/2015 16. Date Completed D & A Ready to Prod. 01/26/2015
 17. Elevations (DF, KB, RT, GL)* 3611 GL
 18. Total Depth: MD 4790 TVD 4790 19. Plug Back T.D.: MD 4723 TVD 4723 20. Depth Bridge Plug Set: MD TVD
 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUTRON CCL/HNGS
 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 H40 | 54.5 | | 294 | | 1000 | | | |
| 11.000 | 8.625 J55 | 24.0 | | 1005 | | 500 | | | |
| 7.875 | 5.500 J55 | 17.0 | | 4779 | | 900 | | | |

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 | 4529 | | | | | | | |

25. Producing Intervals

26. Perforation Record

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|------------|------|--------|---------------------|-------|-----------|--------------|
| A) PADDOCK | 4130 | 4430 | 4130 TO 4430 | 0.410 | 52 | OPEN |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|----------------|--|
| 4130 TO 4430 | ACIDIZE W/1065 GALS 15% ACID. |
| 4130 TO 4430 | FRAC W/204,417 GALS GEL, 223,506# 16/30 BRADY SAND, 28,735# 16/30 SLC. |

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 |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-----------------------|
| 01/27/2015 | 01/30/2015 | 24 | → | 32.0 | 91.0 | 181.0 | 40.4 | 0.60 | ELECTRIC PUMPING UNIT |
| Choke Size | Tbg. Press. Flwg. | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| SI | | | → | 32 | 91 | 181 | 2844 | POW | |

ACCEPTED FOR RECORD
JUN 17 2015
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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. | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| SI | | | → | | | | | | |

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

ELECTRONIC SUBMISSION #290410 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Reclamation
Date: 7/30/15

AB

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 |
| TANSIL | 902 | | LIMESTONE & DOLOMITE | TANSIL | 902 |
| YATES | 1010 | | SANDSTONE | YATES | 1010 |
| QUEEN | 1908 | | SANDSTONE & DOLOMITE | QUEEN | 1908 |
| GRAYBURG | 2299 | | SANDSTONE & DOLOMITE | GRAYBURG | 2299 |
| GLORIETA | 4032 | | SANDSTONE | GLORIETA | 4032 |
| PADDOCK | 4089 | | | PADDOCK | 4089 |

32. Additional remarks (include plugging procedure):
Will mail log.

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 #290410 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 06/11/2015 ()**

Name (please print) CHASITY JACKSON Title PREPARER

Signature (Electronic Submission) Date 02/03/2015

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.