

OCD Artesia 2015

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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. NMLC028784 B | | |
| 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. Other _____ | | | 6. If Indian, Allottee or Tribe Name | | |
| 2. Name of Operator COG OPERATING LLC | | | 7. Unit or CA Agreement Name and No. NMNM88525X | | |
| Contact: CHASITY JACKSON E-Mail: cjackson@concho.com | | | 8. Lease Name and Well No. BURCH KEELY UNIT 935H | | |
| 3. Address ONE CONCHO CENTER 600 W. ILLINOIS AVE MIDLAND, TX 79701 | | | 9. API Well No. 30-015-42748 | | |
| 3a. Phone No. (include area code) Ph: 432-686-3087 | | | 10. Field and Pool, or Exploratory BURCH KEELY | | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 13 T17S R29E Mer NMP At surface NWSW 1650FSL 200FWL Sec 13 T17S R29E Mer NMP At top prod interval reported below NWSW 1650FSL 200FWL Sec 18 T17S R30E Mer NMP At total depth NWSW 1668FSL 341FWL | | | 11. Sec., T., R., M., or Block and Survey or Area Sec 13 T17S R29E Mer NMP | | |
| 14. Date Spudded 12/24/2014 | | | 15. Date T.D. Reached 01/04/2015 | | 12. County or Parish EDDY |
| 16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 02/09/2015 | | | 13. State NM | | |
| 17. Elevations (DF, KB, RT, GL)* 3619 GL | | | | | |
| 18. Total Depth: MD 10123 TVD 4868 | | 19. Plug Back T.D.: MD 9982 TVD 9982 | | 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? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" 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 J55 | 54.5 | | 337 | | 400 | | | |
| 12.250 | 9.625 J55 | 40.0 | | 1082 | | 550 | | | |
| 8.750 | 7.000 L80 | 29.0 | | 4296 | | 0 | | | |
| 7.875 | 5.500 L80 | 17.0 | 4296 | 10120 | | 1750 | | | |

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 | 4219 | | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-----------|------|--------|---------------------|-------|-----------|--------------|
| A) YESO | 5148 | 9967 | 5148 TO 9967 | 0.430 | 540 | OPEN |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|----------------|--|
| 5148 TO 9967 | ACIDIZE W/60,621 GALS 15% ACID. FRAC W/1,810,682 GALS GEL, 284,733 GALS TREATED WATER. |
| 5148 TO 9967 | 209,526 GALS WATER FRAC, 3,698,008# 20/40 BROWN, 668,220# 20/40 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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|
| 02/12/2015 | 02/14/2015 | 24 | → | 900.0 | 557.0 | 1101.0 | 40.4 | 0.60 |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status |
| | | | → | 900 | 557 | 1101 | 619 | 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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|
| | | | → | | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status |
| | | | → | | | | | |

ACCEPTED FOR RECORD

ELECTRIC PUMPING UNIT

AUG 3 2015

[Signature]

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #294415 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation
Date: 8/14/15

[Handwritten mark]

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.)
VENTED

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 SALT YATES QUEEN GRAYBURG SAN ANDRES GLORIETA PADDOCK | 260 439 996 1879 2262 2552 3947 4012 | 891 | ANHYDRITE SALT SANDSTONE SANDSTONE & DOLOMITE SANDSTONE & DOLOMITE DOLOMITE & LIMESTONE SANDSTONE | RUSTLER SALT YATES QUEEN GRAYBURG SAN ANDRES GLORIETA PADDOCK | 260 891 996 1879 2262 2552 3947 4012 |

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 #294415 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 06/13/2015 ()

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 03/10/2015

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.

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