

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. NMNM86025 | | |
| 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 | | | Contact: KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com | | |
| 3. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701-4287 | | | 3a. Phone No. (include area code) Ph: 432-685-4332 | | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWSW Lot M 940FSL 380FWL At top prod interval reported below Sec 17 T17S R30E Mer NMP At total depth SESE Lot P 990FSL 660FEL | | | 7. Unit or CA Agreement Name and No. | | |
| 14. Date Spudded 06/21/2010 | | | 15. Date T.D. Reached 07/16/2010 | | |
| 16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 08/26/2010 | | | 8. Lease Name and Well No. MCINTYRE DK FEDERAL 17 | | |
| 18. Total Depth MD 9265 TVD 4557 | | | 9. API Well No. 30-015-37821-00-S1 | | |
| 19. Plug Back T.D. MD 9265 TVD 4557 | | | 10. Field and Pool, or Exploratory LOCO HILLS | | |
| 20. Depth Bridge Plug Set MD TVD | | | 11. Sec., T., R., M., or Block and Survey or Area Sec 17 T17S R30E Mer NMP | | |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUT | | | 12. County or Parish EDDY | | |
| 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 checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) | | | 13. State NM | | |
| 23. Casing and Liner Record (Report all strings set in well) | | | 17. Elevations (DF, KB, RT, GL)* 3646 GL | | |

| 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 | 48.0 | 0 | 433 | | 1000 | | 0 | 0 |
| 12.750 | 9.625 J55 | 40.0 | 0 | 1373 | | 900 | | 0 | 0 |
| 8.750 | 7.000 P110 | 26.0 | 0 | 4826 | | 750 | | 0 | 0 |
| 6.125 | 4.500 HCP-110 | 11.6 | 4653 | 9155 | | 0 | | 0 | 0 |

| 24. Tubing Record | | | | | | | |
|-------------------|----------------|-------------------|------|----------------|-------------------|------|----------------|
| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) |
| 2.875 | 4423 | | | | | | |

| 25. Producing Intervals | | | 26. Perforation Record | | |
|-------------------------|------|--------|------------------------|------|-----------|
| Formation | Top | Bottom | Perforated Interval | Size | No. Holes |
| A) GLORIETA YESO | | | 4248 TO 8949 | | 18 |
| B) WOLFCAMP | 4248 | 8949 | | | |
| C) | | | | | |
| D) | | | | | |

| 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. | |
|---|---|
| Depth Interval | Amount and Type of Material |
| 4248 TO 8949 | ACIDIZE W/11,000 GALS 15% ACID. |
| 4248 TO 8949 | FRAC W/ 2 13 MILLION GALS GEL. 2 44 MILLION #S 20/40 WHITE SAND |

| 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 |
| 08/27/2010 | 08/29/2010 | 24 | → | 243.0 | 243.0 | 467.0 | 35.4 | | 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 | 70 | 70.0 | → | 243 | 243 | 467 | 1000 | 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 |
| 08/27/2010 | 08/29/2010 | 24 | → | 243.0 | 243.0 | 467.0 | 35.4 | 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 | 70 | 70.0 | → | 243 | 243 | 467 | | POW | |

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

ELECTRONIC SUBMISSION #92368 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

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 |
| YATES | 1107 | | DOLOMITE & SAND | YATES | 1107 |
| QUEEN | 2011 | | SAND | QUEEN | 2011 |
| SAN ANDRES | 2720 | | DOLOMITE & ANHYDRITE | SAN ANDRES | 2720 |
| GLORIETA | 4148 | | SAND & DOLOMITE | GLORIETA | 4148 |
| YESO | 4200 | | DOLOMITE & ANHYDRITE | | |

32. Additional remarks (include plugging procedure):

Logs will be sent via mail.
KOP @ 4422.
EOC @ 4950

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 #92368 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 09/08/2010 (10KMS2168SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature _____ (Electronic Submission)

Date 09/07/2010

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 ****