

OCD COPY

Form 160-4
April 2004Month - Year
APR - 4 2007
OCD - ARTESIA, NMUNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

1a. Type of Well ☐ Oil Well ☐ Gas Well ☐ Dry ☒ Other
 b. Type of Completion: ☐ New Well ☒ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
 Other Re-enter plugged well & convert to SWD

2. Name of Operator **COG Operating LLC**3. Address **550 W. Texas, Suite 1300**3a. Phone No. (include area code)
432-685-4340

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

At surface **1980' FSL & 660' FEL, Unit 1**

At top prod. interval reported below

At total depth

14. Date Spudded
08/11/197415. Date T.D. Reached
09/28/197416. Date Completed **03/15/2007**
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)*
3582' GL18. Total Depth: MD
TVD **10,927**19. Plug Back T.D.: MD
TVD **9,545**20. Depth Bridge Plug Set: MD
TVD **9,580**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

On file22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

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 |
|-----------|------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 17-1/2 | 11-3/4 | 42 | 344 | | | 300 | | | |
| 11 | 8-5/8 | 24 & 32 | 2,657 | | | 300 | | | |
| 7-7/8 | 5-1/2 | 15.5 & 17 | 10,497 | | | 750 | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|-------|----------------|-------------------|------|----------------|-------------------|
| 2-7/8 | 9,105 | 9,110 | 5-1/2 | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|------------------------|-----|--------|----------------------|--------------|-----------|--------------|
| A) Cisco-Canyon | | | 9,164 - 9,396 | 2 SPF | 72 | Open |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|----------------------|--|
| 9164' - 9396' | 20,000 gals 15% NeFe gelled acid. |
| | |
| | |

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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|---|
| | | | → | | | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status | |
| | | | → | | | | | | WO approval to begin salt water disposal |

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 | |
| | | | → | | | | | | |

*(See instructions and spaces for additional data on page 2)

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.)

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 | 802 | | | | |
| QUEEN | 1,720 | | | | |
| SAN ANDRES | 2,463 | | | | |
| ABO | 6,063 | | | | |
| WOLFCAMP B | 7,599 | | | | |
| LR WOLFCMP | 8,022 | | | | |
| L.WLFCP RF | 8,510 | | | | |
| CISCO | 8,878 | | | | |
| CANYON | 9,398 | | | | |
| STRAWN | 9,802 | | | | |
| L. STRAWN | 10,022 | | | | |
| ATOKA | 10,220 | | | | |
| MORROW | 10,400 | | | | |
| L. MORROW | 10,664 | | | | |
| CHESTER | 10,874 | | | | |

32. Additional remarks (include plugging procedure):

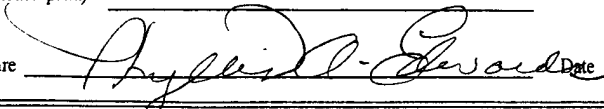
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Rhynus A. EdwardsTitle Regulatory Analyst

Signature


Date 04/03/2007

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.