

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

BLM OIL CONSERVATION
ARTESIA DISTRICT
OCD Artesia 2018

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other **DHC ORDER #4291**
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other **Commenced Commingling**

2. Name of Operator **COG OPERATING LLC** Contact: **KANICIA CASTILLO**
E-Mail: **kcastillo@concho.com**

3. Address **600 W ILLINOIS AVE ONE CONCHO CENTER** 3a. Phone No. (include area code)
MIDLAND, TX 79701 Ph: **432-685-4332**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **Lot L 1650FSL 990FWL**
At top prod interval reported below **Lot L 1650FSL 990FWL**
At total depth **Lot L 1650FSL 990FWL**

5. Lease Serial No. **NMNM0397623**
6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.
8. Lease Name and Well No. **FOLK FEDERAL 1**
9. API Well No. **C1 + C2** **30-015-35727**
10. Field and Pool, or Exploratory **GRAYBURG JCKN:SA/YESO**
11. Sec., T., R., M., or Block and Survey or Area **Sec 17 T17S R29E Mer NMP**
12. County or Parish **EDDY** 13. State **NM**
14. Date Spudded **10/28/2007** 15. Date T.D. Reached **10/06/2007** 16. Date Completed ☐ D & A ☒ Ready to Prod. **03/06/2018**
17. Elevations (DF, KB, RT, GL)* **3647 GL**
18. Total Depth: MD **5123** TVD **5123** 19. Plug Back T.D.: MD **5061** TVD **5061** 20. Depth Bridge Plug Set: MD **5061** TVD **5061**
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **CN** 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 Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 12.250 | 8.625 J55 | 32.0 | | 870 | | 600 | | | |
| 7.875 | 5.500 L80 | 17.0 | | 5111 | | 1100 | | | |
| 17.500 | 13.375 J55 | 48.0 | 0 | 325 | | 400 | | 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 | 4963 | | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-------------------------|------|--------|---------------------|-------|-----------|--------------|
| A) C2 SAN ANDRES | 3159 | 3700 | 3159 TO 3700 | 0.410 | 46 | OPEN |
| B) C1 YESO | 3924 | 4950 | 3924 TO 4950 | 0.410 | 117 | OPEN |
| C) | | | | | | |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|----------------|--------------------------------|
| 3159 TO 4950 | ACIDIZE W/ 2000 GALS 15% 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 |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|---------------------------|
| 03/08/2018 | 03/27/2018 | 24 | → | 20.0 | 27.0 | 201.0 | 37.9 | 0.60 | ELECTRIC PUMP SUB-SURFACE |
| Choke Size | Tbg. Press. Flwg. | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| SI | | 70.0 | → | 20 | 27 | 201 | 1350 | POV | |

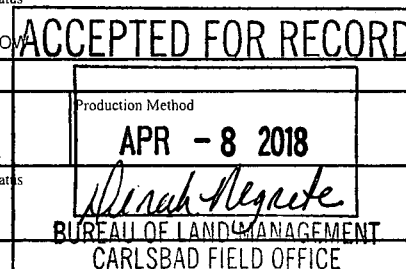
28a. Production - Interval B

| 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 #409753 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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



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 | 866 | | DOLOMITE & SAND | YATES | 866 |
| QUEEN | 1708 | | SAND | QUEEN | 1708 |
| SAN ANDRES | 2410 | | DOLOMITE & ANHYDRITE | SAN ANDRES | 2410 |
| GLORIETA | 3825 | | SAND & DOLOMITE | GLORIETA | 3825 |
| YESO | 3908 | | DOLOMITE & ANHYDRITE | YESO | 3908 |

32. Additional remarks (include plugging procedure):
DHC San Andres and Yeso production. DHC-4291

Well Test Allocation Percentages:

Yeso: Oil 18/20/90%, Gas 19/27/72%, Wtr 56/201/28%

SA: Oil 20/2/10%, Gas 8/27/28%, Wtr 145/201/72%

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 #409753 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) KANICIA CASTILLO

Title PREPARER

Signature _____ (Electronic Submission)

Date 03/29/2018

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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