

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

DEC 06 2011

NMOCD ARTESIA

acd. Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM0397623

| | | | | | |
|--|--|--|--|--|--|
| 1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other | | | 6. If Indian, Allottee or Tribe Name | | |
| 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 _____ | | | 7. Unit or CA Agreement Name and No. | | |
| 2. Name of Operator COG OPERATING LLC | | | 8. Lease Name and Well No. FOLK FEDERAL 18' | | |
| 3. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701 | | | 9. API Well No. 30-015-39269-00-X1 | | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 17 T17S R29E Mer NMP At surface NWNE Lot B 330FNL 2310FEL At top prod interval reported below At total depth | | | 10. Field and Pool, or Exploratory EMPIRE | | |
| 14. Date Spudded 09/25/2011 | | | 15. Date T.D Reached 10/03/2011 | | |
| 16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/30/2011 | | | 17. Elevations (DF, KB, RT, GL)* 3613 GL | | |
| 18. Total Depth MD 5471 TVD 5471 | | | 19. Plug Back T.D.: MD 5417 TVD 5417 | | |
| 20. Depth Bridge Plug Set MD TVD | | | 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPNEUTRONHNGS CCL | | |
| 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) | | | | | |

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 H-40 | 48.0 | 0 | 332 | | 950 | | 0 | |
| 11.000 | 8.625 J-55 | 24.0 | 0 | 954 | | 400 | | 0 | |
| 7.875 | 5.500 J-55 | 17.0 | 0 | 5461 | | 900 | | 0 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Accepted for record

NMOCD

10/14/2011

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 | 5087 | | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf Status |
|-----------|------|--------|---------------------|-------|-----------|-----------------------|
| A) YESO | 3900 | 5190 | 3900 TO 4150 | 0.210 | 26 | OPEN, Paddock |
| B) | | | 4320 TO 4570 | 0.210 | 26 | OPEN, Upper Blinebry |
| C) | | | 4630 TO 4880 | 0.210 | 26 | OPEN, Middle Blinebry |
| D) | | | 4940 TO 5190 | 0.210 | 26 | OPEN, Lower Blinebry |

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

| Depth Interval | Amount and Type of Material |
|----------------|---|
| 3900 TO 4150 | ACIDIZED W/3000 GALS 15% HCL |
| 3900 TO 4150 | FRAC W/114,747 GALS GEL, 106,390# 16/30 WHITE SAND, 30,867# 16/30 CRC |
| 4320 TO 4570 | ACIDIZE W/3500 GALS 15% HCL |
| 4320 TO 4570 | FRAC W/110,947 GALS GEL, 142,456# 16/30 WHITE SAND, 30,402# 16/30 CRC |

RECLAMATION
DUE 5-1-12

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 |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|----------------------|-------------|-----------------------|
| 10/31/2011 | 11/15/2011 | 24 | → | 120.0 | 134.0 | 586.0 | 39.2 | 0.60 | ELECTRIC PUMPING UNIT |
| Choke Size | Tbg Press Flwg SI | Csg Press | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas Oil Ratio | Well Status | |
| | 70 | 70.0 | → | 120 | 134 | 586 | | POW | |

ACCEPTED FOR RECORD

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 | |
| | | | → | | | | | | |

DEC 1 2011

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #124118 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 |
| RUSTLER | 183 | | ANHYDRITE | RUSTLER | 183 |
| TANSILL | 746 | | DOLOMITE | TANSILL | 746 |
| YATES | 849 | | DOLOMITE & SAND | YATES | 849 |
| SAN ANDRES | 2398 | | SAND | SAN ANDRES | 2398 |
| GLORIETA | 3836 | | DOLOMITE & ANHYDRITE | GLORIETA | 3836 |
| YESO | 3916 | | SAND & DOLOMITE | YESO | 3916 |
| TUBB | 5298 | | | TUBB | 5298 |

32. Additional remarks (include plugging procedure).

44. Acid, Fracture, Treatment, Cement Squeeze, etc. continued.....

4630 - 4880 Acidized w/3500 gals 15% HCL.
4630 - 4880 Frac w/112,379 gals gel, 146,874# 16/30 White sand,
27,898# 16/30 CRC

4940 - 5190 Acidized w/3500 gals 15% HCL.
4940 - 5190 Frac w/111,037 gals gel, 146,260# 16/30 White sand,

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 #124118 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by DEBORAH MCKINNEY on 11/30/2011 (12DLM0231SE)

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 11/28/2011

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 ****

Additional data for transaction #124118 that would not fit on the form

32. Additional remarks, continued

30,811# 16/30 CRC

LOGS WILL BE MAILED