

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

JUN 02 2011

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

| | | | | | |
|---|--|---|--|--------------------------------------|-----------------|
| 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. BC FEDERAL 54 | | |
| Contact: CHASITY JACKSON E-Mail: cjackson@conchoresources.com | | | | | |
| 3. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701 | | | 9. API Well No. 30-025-39625 | | |
| 3a. Phone No. (include area code) Ph: 432-686-3087 | | | | | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot D 330FNL 330FWL At top prod interval reported below Lot D 330FNL 330FWL At total depth Lot D 330FNL 330FWL | | | 10. Field and Pool, or Exploratory MALJAMAR; YESO, WEST | | |
| | | | 11. Sec., T., R., M., or Block and Survey or Area Sec 20 T17S R32E Mer | | |
| | | | 12. County or Parish LEA | | 13. State NM |
| 14. Date Spudded 03/29/2011 | | 15. Date T.D. Reached 04/07/2011 | 17. Elevations (DF, KB, RT, GL)* 3979 GL | | |
| 16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/29/2011 | | | | | |
| 18. Total Depth: MD 7015 TVD 7015 | | 19. Plug Back T.D.: MD 6929 TVD 6929 | | 20. Depth Bridge Plug Set: MD TVD | |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUTRON | | | 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 H40 | 48.0 | | 755 | | 650 | | | |
| 11.000 | 8.625 J55 | 32.0 | | 2165 | | 600 | | | |
| 7.875 | 5.500 L80 | 17.0 | | 7007 | | 1050 | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

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 | 6550 | | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-------------|------|--------|---------------------|-------|-----------|--------------|
| A) PADDOCK | 5365 | 5515 | 5365 TO 5515 | 0.410 | 26 | OPEN |
| B) BLINEBRY | 5910 | 6110 | 5910 TO 6110 | 0.410 | 26 | OPEN |
| C) BLINEBRY | 6180 | 6380 | 6180 TO 6380 | 0.410 | 26 | OPEN |
| D) BLINEBRY | 6450 | 6650 | 6450 TO 6650 | 0.410 | 26 | OPEN |

26. Perforation Record

| Depth Interval | Amount and Type of Material |
|----------------|---|
| 5365 TO 5515 | ACIDIZE W/3,000 GALS 15% ACID. |
| 5365 TO 5515 | FRAC W/114,143 GALS GEL, 131,305# 16/30 OTTAWA SAND, 6,312 SIBERPROP. |
| 5910 TO 6110 | ACIDIZE W/2,500 GALS 15% ACID. |
| 5910 TO 6110 | FRAC W/124,561 GALS GEL, 147,423# 16/30 OTTAWA SAND, 30,612# SIBERPROP. |

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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-----------------------|
| 05/04/2011 | 05/06/2011 | 24 | → | 95.0 | 184.0 | 664.0 | 36.0 | | 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 | |
| | | 70.0 | → | | | | | 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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | | | → | | | | | | |
| 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 reverse side)

ELECTRONIC SUBMISSION #109343 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

JUN 07 2011

| 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.)
CAPTURED

| 30. Summary of Porous Zones (Include Aquifers): | | | | 31. Formation (Log) Markers | |
|---|------|--------|------------------------------|-----------------------------|--------------------|
| 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. | | | | | |
| Formation | Top | Bottom | Descriptions, Contents, etc. | Name | Top Meas. Depth |
| YATES | 2020 | | DOLOMITE & SAND | DOLOMITE & SAND | 2020 |
| QUEEN | 2982 | | SAND | SAND | 2982 |
| SAN ANDRES | 3750 | | DOLOMITE & ANHYDRITE | DOLOMITE & ANHYDRITE | 3750 |
| GLORIETA | 5260 | | DOLOMITE & SAND | DOLOMITE & SAND | 5260 |
| YESO | 5336 | | DOLOMITE & ANHYDRITE | DOLOMITE & ANHYDRITE | 5336 |
| TUBB | 6795 | | SAND | SAND | 6795 |

32. Additional remarks (include plugging procedure):
 44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. CONTINUED...
 6180-6380 ACIDIZE W/2,500 GALS 15% ACID.
 6180-6380 FRAC W/124,691 GALS GEL, 148,369# 16/30 OTTAWA SAND, 32,093# Siberprop.
 6450-6650 ACIDIZE W/2,500 GALS 15% ACID.
 6450-6650 FRAC W/124,318 GALS GEL, 145,793# 16/30 OTTAWA SAND, 30,673# SIBERPROP.

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 #109343 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs**

Name (please print) CHASITY JACKSON Title PREPARER

Signature _____ (Electronic Submission) Date 05/31/2011

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.

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