

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

| | | | | | | | | | |
|---|----------------------|--|-----------------|------------------------|----------------------|------------------------------|-----------------------|-------------------|-------------------|
| 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. NM-0889 | | | | | | | |
| b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. Resrv., Other <u>Recomplete to Glorieta</u> | | 6. If Indian, Allottee or Tribe Name --- | | | | | | | |
| 2. Name of Operator COG Operating LLC | | 7. Unit or CA Agreement Name and No. --- | | | | | | | |
| 3. Address 550 W. Texas, Suite 1300, Midland, TX 79701 | | 8. Lease Name and Well No. M. D. Self #5 | | | | | | | |
| 3a. Phone No. (include area code) 432-685-4340 | | 9. AFI Well No. 30-025-12449 | | | | | | | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 330' FNL & 330' FWL, Unit D At top prod. interval reported below At total depth | | 10. Field and Pool, or Exploratory DHC 3610 | | | | | | | |
| 14. Date Spudded 01/17/1962 | | 11. Sec., T., R., M., on Block and Survey or Area Sec 6, T26S, R38E | | | | | | | |
| 15. Date T.D. Reached 02/20/1962 | | 12. County or Parish Lea | | | | | | | |
| 16. Date Completed 11/16/2005 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. | | 13. State NM | | | | | | | |
| 17. Elevations (DF, RKB, RT, GL)* 3025' GL | | | | | | | | | |
| 18. Total Depth: MD 7,563' TVD | | 19. Plug Back T.D.: MD 5958 TVD | | | | | | | |
| 20. Depth Bridge Plug Set: MD TVD | | | | | | | | | |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) LOGS ON FILE | | 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 report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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 |
| 15 | 13-3/8 | 48 | | 318 | | 450 sx | | 0 | |
| 12 | 9-5/8 | 36 | | 2367 | | 1200 sx | | 0 | |
| 8-3/4 | 5-1/2 | 15.5&14 | | 6005 | | 850 sx | | TS | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 24. Tubing Record | | | | | | | | | |
| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | |
| 2-3/8 | 5609' | None | | | | | | | |
| 25. Producing Intervals | | | | | | | | | |
| Formation | | Top | Bottom | 26. Perforation Record | | | | | |
| | | | | Perforated Interval | | Size | No. Holes | Perf. Status | |
| A) | Glorieta | 4744 | 5113 | 4902' - 4991' | | | 20 | Open | |
| B) | Blinbry | 5114 | 5815 | 5114' - 5325' | | | | Open | |
| C) | Tubb | | | 5796' - 5830' | | | 23 | Open | |
| D) | | | | | | | | | |
| 27. Acid, Fracture, Treatment, Cement Squeeze, etc. | | | | | | | | | |
| Depth Interval | | Amount and Type of Material | | | | | | | |
| 5796' - 5830' | | Az w/ 1500 gal acid & 150 BS | | | | | | | |
| 5796' - 5830' | | Frac w/ 35,000 gals X-linked gel & 61,252# of 20/40 White sand | | | | | | | |
| 28. Production - Interval A JUSTIS; BLINBRY-TUBB-DRINKARD (34220) | | | | | | | | | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
| 04/20/2006 | 05/05/2006 | 24 | → | 1 | 3 | 14 | 36.4 | | PUMPING |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status | |
| | | | → | | | | | PRODUCING | |
| 28a. Production - Interval B WILDCAT; GLORIETA (97523) | | | | | | | | | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
| 04/20/2006 | 05/05/2006 | 24 | → | 11 | 14 | 158 | 36.4 | | PUMPING |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status | |
| | | | → | | | | | PRODUCING | |

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

ACCEPTED FOR RECORD

JUN 21 2006

LES BABYAK
PETROLEUM ENGINEER

| | | | | | | | | | |
|------------------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 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 |
|--------------|------|--------|------------------------------|------|-----------------|
| Seven Rivers | 2654 | | | | |
| Queen | 3087 | | | | |
| Penrose | 3196 | | | | |
| Grayburg | 3388 | | | | |
| San Andres | 3630 | | | | |
| Glorieta | 4744 | | | | |
| Blaine | 5114 | | | | |

32. Additional remarks (include plugging procedure):

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

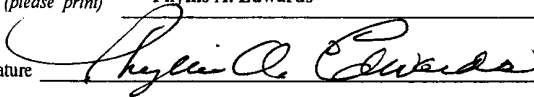
- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
 ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

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) Phyllis A. Edwards

Title Regulatory Analyst

Signature



Date

6-2-06

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.