

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

| | | | | | |
|---|--|---|--|--------------------------------------|--|
| 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. NMNM71030X | | |
| 2. Name of Operator COG OPERATING LLC | | | 8. Lease Name and Well No. SKELLY UNIT 704 | | |
| 3. Address 550 WEST TEXAS AVENUE SUITE 1300 MIDLAND, TX 79701 | | | 9. API Well No. 30-015-38054-00-S1 | | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 21 T17S R31E Mer NMP At surface SESE Lot P 1146FSL 919FEL At top prod interval reported below At total depth | | | 10. Field and Pool, or Exploratory ECHO HILLS From: Gabriela Yee | | |
| 14. Date Spudded 11/13/2010 | | | 15. Date T.D. Reached 11/24/2010 | | |
| 16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 12/20/2010 | | | 17. Elevations (DF, KB, RT, GL)* 3805 GL | | |
| 18. Total Depth: MD 6875 TVD 6875 | | 19. Plug Back T.D.: MD 6805 TVD 6805 | | 20. Depth Bridge Plug Set: MD TVD | |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATEDNEUT | | | 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 Cement Depth | No. of Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|--------------------|-----------------------------|-------------------|-------------|---------------|
| 17.500 | 13.375 H40 | 48.0 | 0 | 465 | | 500 | | 0 | |
| 11.000 | 8.625 J55 | 32.0 | 0 | 1815 | | 980 | | 0 | |
| 7.875 | 5.500 J55 | 17.0 | 0 | 6868 | | 1100 | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

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 | 5839 | | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|------------------|------|--------|---------------------|-------|-----------|-----------------------|
| A) GLORIETA-YESO | | | 5870 TO 6190 | 0.410 | 26 | OPEN, Upper Blinebry |
| B) BLINEBRY | 6580 | 6780 | 6310 TO 6510 | 0.410 | 26 | OPEN, Middle Blinebry |
| C) | | | 6580 TO 6780 | 0.410 | 20 | OPEN, Lower Blinebry |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|----------------|--|
| 5870 TO 6190 | ACIDIZED W/ 3,000 GALS 15% ACID. |
| 5870 TO 6190 | FRAC W/ 124,567 GALS GEL, 149,151# 16/30 OTTAWA SAND, 31,994# SIBERPROP. |
| 6310 TO 6510 | ACIDIZED W/ 2,500 GALS 15% ACID. |
| 6310 TO 6510 | FRAC W/ 47,082 GALS GEL, 12,646# 16/30 OTTAWA SAND, 5,979# 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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-----------------------|
| 12/31/2010 | 01/18/2011 | 24 | → | 18.0 | 117.0 | 398.0 | 37.2 | | 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 | |
| | | | → | 18 | 117 | 398 | 6500 | 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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-----------------------|
| 12/31/2010 | 01/18/2010 | 24 | → | 18.0 | 117.0 | 398.0 | 37.2 | 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 | |
| | | | → | 18 | 117 | 398 | | POW | |

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

ELECTRONIC SUBMISSION #100790 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

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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):

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 | 1698 | | DOLOMITE & SAND | YATES | 1698 |
| QUEEN | 2653 | | SAND | QUEEN | 2653 |
| SAN ANDRES | 3455 | | DOLOMITE & ANHYDRITE | SAN ANDRES | 3455 |
| GLORIETA | 5002 | | SAND & DOLOMITE | GLORIETA | 5002 |
| YESO | 5041 | | DOLOMITE & ANHYDRITE | | |
| TUBB | 6710 | | | | |

32. Additional remarks (include plugging procedure):

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

6580 - 6780 Acidize w/ 2,500 gals 15% acid.

6580 - 6780 Frac w/ 125,995 gals gel, 151,726# 16/30 ottawa sand, 27,153# 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 #100790 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 01/19/2011 (11KMS0623SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 01/18/2011

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 ** REVISED ****

Additional data for transaction #100790 that would not fit on the form

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

| Depth Interval | Amount and Type of Material |
|----------------|--|
| 6580 TO 6780 | gal 15% acid |
| 6580 TO 6780 | gal gel, 151725# 16/30 Ottawa sand, 27153# Siberprop |