

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No 1004-0137  
Expires July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No  
NMLC029418A

|                                                                                                                                                                                                                                                                                                                              |  |                                                                                         |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------|--|
| 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.<br>Other _____                                                                                                 |  | 7. Unit or CA Agreement Name and No.<br>892000276B                                      |  |
| 2. Name of Operator<br>COG OPERATING LLC                                                                                                                                                                                                                                                                                     |  | 8. Lease Name and Well No.<br>SKELLY UNIT 766                                           |  |
| 3. Address 550 WEST TEXAS AVENUE SUITE 100<br>MIDLAND, TX 79701                                                                                                                                                                                                                                                              |  | 9. API Well No.<br>30-015-39699-00-S1                                                   |  |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)<br>At surface NENE 666FNL 162FEL<br>At top prod interval reported below NENE 666FNL 162FEL<br>At total depth NENE 345FNL 381FEL                                                                                                    |  | 10. Field and Pool, or Exploratory<br>FREN-GLORIETA-YESO                                |  |
| 14. Date Spudded<br>03/06/2012                                                                                                                                                                                                                                                                                               |  | 15. Date T.D. Reached<br>03/14/2012                                                     |  |
| 16. Date Completed<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.<br>04/04/2012                                                                                                                                                                                                        |  | 17. Elevations (DF, KB, RT, GL)*<br>3898 GL                                             |  |
| 18. Total Depth MD 6731<br>TVD 6731                                                                                                                                                                                                                                                                                          |  | 19. Plug Back T.D.: MD 6673<br>TVD 6673                                                 |  |
| 20. Depth Bridge Plug Set: MD<br>TVD                                                                                                                                                                                                                                                                                         |  | 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)<br>CN HNGSMCFL HNGS |  |
| 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Directional Survey? <input type="checkbox"/> No <input checked="" 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 Sks & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|-------------|-------------|----------|-------------|----------------------|----------------------------|-------------------|-------------|---------------|
| 17.500    | 13.375 H-40 | 48.0        | 0        | 616         |                      | 500                        |                   | 0           |               |
| 11.000    | 8.625 J-55  | 32.0        | 0        | 1897        |                      | 550                        |                   | 0           |               |
| 7.875     | 5.500 L-80  | 17.0        | 0        | 6721        |                      | 1050                       |                   | 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 | 6107           |                   |      |                |                   |      |                |                   |

## 25. Producing Intervals

| Formation | Top  | Bottom | Perforated Interval | Size  | No. Holes | Perf Status            |
|-----------|------|--------|---------------------|-------|-----------|------------------------|
| A) YESO   | 5220 | 6500   | 5220 TO 5345        | 0.410 | 26        | OPEN, Paddock          |
| B)        |      |        | 5680 TO 5905        | 0.410 | 26        | OPEN, Upper Blinberry  |
| C)        |      |        | 5965 TO 6190        | 0.410 | 26        | OPEN, Middle Blinberry |
| D)        |      |        | 6250 TO 6500        | 0.410 | 26        | OPEN, Lower Blinberry  |

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

| Depth Interval | Amount and Type of Material                                             |
|----------------|-------------------------------------------------------------------------|
| 5220 TO 5345   | ACIDIZE W/1,500 GALS 15% ACID                                           |
| 5220 TO 5345   | FRAC W/106,040 GALS GEL, 112,149# 16/30 OTTAWA SAND, 28,794# 16/30 SLC  |
| 5965 TO 6190   | ACIDIZE W/3,250 GALS 15% ACID                                           |
| 5965 TO 6190   | FRAC W/112,887 GALS GEL, 146,155# 16/30 OTTAWA SAND, 28,600# 16/30 SLC. |

## 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     |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|----------------------|-------------|-----------------------|
| 04/04/2012          | 04/05/2012        | 24           | →               | 72.0    | 332.0   | 554.0     | 37.0                 | 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 |                       |
|                     |                   | 70.0         | →               | 72      | 332     | 554       | 4611                 | POW         |                       |

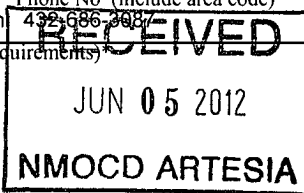
## 28a. Production - Interval B

| Date First Produced | Test Date         | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr API | Gas Gravity | Production Method |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|----------------------|-------------|-------------------|
|                     |                   |              | →               |         |         |           |                      |             | JUN 3 2012        |
| 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 #138641 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

RECLAMATION  
DUE 10-4-12

ACCEPTED FOR RECORD

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

## 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    | 528  |        | ANHYDRITE                    | RUSTLER    | 528         |
| SALADO     | 947  |        | SALT                         | SALADO     | 947         |
| YATES      | 1894 |        | SANDSTONE                    | YATES      | 1894        |
| QUEEN      | 2850 |        | SANDSTONE & DOLOMITE         | QUEEN      | 2850        |
| SAN ANDRES | 3607 |        | DOLOMITE & LIMESTONE         | SAN ANDRES | 3607        |
| GLORIETA   | 5125 |        | SANDSTONE                    | GLORIETA   | 5125        |
| YESO       | 5183 |        | DOLOMITE & ANHYDRITE         | YESO       | 5183        |
| TUBB       | 6657 |        | SANDSTONE & DOLOMITE         | TUBB       | 6657        |

## 32. Additional remarks (include plugging procedure).

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

5965-6190 ACIDIZE W/3,250 GALS 15% ACID. FRAC W/115,031 GALS GEL, 150,686# 16/30 OTTAWA SAND, 29,473# 16/30 SLC.

6250-6500 ACIDIZE W/3,250 GALS 15% ACID. FRAC W/115,858 GALS GEL, 147,773# 16/30 OTTAWA SAND, 31,296# 16/30 SLC.

Logs will be mailed.

## 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 #138641 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 05/24/2012 (12KMS2095SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 05/21/2012

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 \*\***