

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED  
DEC 21 2009  
HOBBSDOCD

5. Lease Serial No. NMLC029405A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No

8. Lease Name and Well No BC FEDERAL 43

9. API Well No 30-025-39417-00-S1

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 NMP

12. County or Parish LEA 13. State NM

17. Elevations (DF, KB, RT, GL)\* 3992 GL

14. Date Spudded 10/04/2009 15. Date T.D. Reached 10/17/2009 16. Date Completed D & A 11/09/2009  Ready to Prod

18. Total Depth MD 7010 TVD 7010 19. Plug Back T.D. MD 6962 TVD 6962 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL 22. Was well cored?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit analysis)  
Directional Survey?  No  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      | 0        | 674         |                      | 550                         |                   | 0           | 0             |
| 11.000    | 8.625 J55  | 32.0      | 0        | 2147        |                      | 700                         |                   | 0           | 0             |
| 7.875     | 5.500 L80  | 17.0      | 0        | 7010        |                      | 1100                        |                   | 0           | 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 | 6559           |                   |      |                |                   |      |                |                   |

25. Producing Intervals

26. Perforation Record

| Formation | Top  | Bottom | Perforated Interval | Size  | No. Holes | Perf. Status |
|-----------|------|--------|---------------------|-------|-----------|--------------|
| A) YESO   | 5380 | 6780   | 5380 TO 5510        | 0.000 | 18        | OPEN         |
| B)        |      |        | 6040 TO 6240        | 0.000 | 26        | OPEN         |
| C)        |      |        | 6310 TO 6510        | 0.000 | 26        | OPEN         |
| D)        |      |        | 6580 TO 6780        | 0.000 | 26        | OPEN         |

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

| Depth Interval | Amount and Type of Material   |
|----------------|---|
| 5380 TO 5510   | ACIDIZE W/3,000 GALS 15% ACID.  |
| 5380 TO 5510   | FRAC W/ 92,626 GALS GEL, 101,452# 16/30 BASF SAND, 8,734# 16/30 SIBERPROP   |
| 6040 TO 6240   | ACIDIZE W/2,500 GALS 15% ACID   |
| 6040 TO 6240   | FRAC W/ 115,179 GALS GEL, 145,702# 16/30 BASF SAND, 36,089# 16/30 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     |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|----------------------|-------------|-----------------------|
| 11/10/2009          | 11/13/2009        | 24           | →               | 136.0   | 72.0    | 688.0     |                      |             | 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                | 70.0         | →               | 136     | 72      | 688       | 529                  | 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 |                   |
|                     |                   |              | →               |         |         |           |                      |             |                   |

ACCEPTED FOR RECORD  
DEC 11 2009  
/s/ Chris Walls  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #77504 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Ka

28b Production - Interval C

|                     |                         |              |                      |         |         |           |                         |             |                   |
|---------------------|-------------------------|--------------|----------------------|---------|---------|-----------|-------------------------|-------------|-------------------|
| Date First Produced | Test Date               | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr API | Gas Gravity | Production Method |
| Choke Size          | Tbg Press<br>Flwg<br>SI | Csg Press    | 24 Hr Rate<br>→      | Oil BBL | Gas MCF | Water BBL | Gas Oil Ratio           | Well Status |                   |

28c Production - Interval D

|                     |                         |              |                      |         |         |           |                         |             |                   |
|---------------------|-------------------------|--------------|----------------------|---------|---------|-----------|-------------------------|-------------|-------------------|
| Date First Produced | Test Date               | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr API | Gas Gravity | Production Method |
| Choke Size          | Tbg Press<br>Flwg<br>SI | Csg Press    | 24 Hr Rate<br>→      | 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 |
| YATES      | 2052 |        | DOLOMITE & SAND             |      |            |
| QUEEN      | 3030 |        | SAND                        |      |            |
| SAN ANDRES | 3770 |        | DOLOMITE & ANHYDRITE        |      |            |
| GLORIETTA  | 5268 |        | SAND & DOLOMITE             |      |            |
| YESO       | 5324 |        | DOLOMITE & ANHYDRITE        |      |            |
| TUBB       | 6880 |        | SAND                        |      |            |

32. Additional remarks (include plugging procedure).  
Acid, Fracture, Treatment, Cement Squeeze etc. continued ..

6310-6510 ACIDIZE W/2,500 GALS 15% ACID  
6310-6510 FRAC W/ 99,954 GALS GEL, 148,306# 16/30 BASF SAND, 32,751# 16/30 SIBERPROP.  
6580-6780 ACIDIZE W/3,500 GALS 15% ACID.  
6580-6780 FRAC W/115,659 GALS GEL, 146,746# 16/30 BASF SAND, 36,228# 16/30 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 Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #77504 Verified by the BLM Well Information System.**  
**For COG OPERATING LLC, sent to the Hobbs**  
**Committed to AFMSS for processing by CHERYLE RYAN on 11/17/2009 (10CMR0036SE)**

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 11/17/2009

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 \*\***