

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

OCD Hobbs

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

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

2. Name of Operator **COG OPERATING LLC** Contact: **KANICIA CARRILLO**  
E-Mail: **kcarrillo@conchoresources.com**

3. Address **550 W TEXAS AVE SUITE 1300** 3a. Phone No. (include area code)  
**MIDLAND, TX 79701** Ph: **432-685-4332**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface **NWSW 1095FSL 1005FWL** ✓  
At top prod interval reported below **SWSW Lot M 1095FSL 1005FWL 32.81579 N Lat, 103.79342 W Lon**  
At total depth **SWSW Lot M 1095FSL 1005FWL 32.81579 N Lat, 103.79342 W Lon**

14. Date Spudded **11/16/2009** 15. Date T.D. Reached **11/26/2009** 16. Date Completed  
☐ D & A ☒ Ready to Prod. **12/17/2009**

5. Lease Serial No.  
**NMLC029405B**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
**GC FEDERAL 41**

9. API Well No.  
**30-025-39472-00-S1** ✓

10. Field and Pool, or Exploratory  
**MALJAMAR**

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)\*  
**3956 GL**

18. Total Depth: **MD 7123** 19. Plug Back T.D.: **MD 7043** 20. Depth Bridge Plug Set: **MD 7043**  
**TVD 7123** **TVD 7043** **TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**COMPENSATEDNEUT**

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	673		600		0	0
17.500	13.375 H40	48.0	0	675				0	
11.000	8.625 J55	24.0	0	2100				0	
11.000	8.625 J55	32.0	0	2104		600		0	0
7.875	5.500 J55	17.0	0	7100				1900	
7.875	5.500 L80	17.0	0	7116		1250		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	6438							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO			5310 TO 5360	0.000	14	OPEN
B) PADDOCK	5310	5440	5780 TO 5980	0.000	26	OPEN
C) BLINEBRY	5870	6700	6050 TO 6250	0.000	26	OPEN
D)			6320 TO 6520	0.000	26	OPEN

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

Depth Interval	Amount and Type of Material
5310 TO 5440	FRAC W/98,338 GALS GEL, 100,662# 16/30 BASF SAND, 23,193# 16/30 SUPER LC
5310 TO 5440	ACIDIZE W/3,000 GALS 15% ACID
5870 TO 6070	ACIDIZE W/2,500 GALS 15% ACID
5870 TO 6070	FRAC W/ 116,170 GALS GEL, 147,454# 16/30 BASF SAND, 34,406# 16/30 SUPER LC

## 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
01/01/2010	01/01/2010	24	→	167.0	0.0	310.0	38.3	
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	→	167	0	310		DRG

## 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
01/01/2010	01/01/2010	24	→	167.0	0.0	310.0	38.3	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	70.0	→	167	0	310		DRG	

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

ELECTRONIC SUBMISSION #80962 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

PETROLEUM ENGINEER

JUL 29 2010

## 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
YATES QUEEN SAN ANDRES GLORIETTA YESO TUBB	2004 2993 3737 5228 5303 6834		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE SAND		

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

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

6210 - 6410 ACIDIZE W/2,500 GALS 15% ACID.

6210 - 6410 Frac w/ 115,796 gals gel, 146,624# 16/30 BASF Sand, 35,182# 16/30 SUPER LC

6500 - 6700 ACIDIZE W/2,500 GALS 15% ACID

6500 - 6700 FRAC W/115,569 gals gel, 147,196# 16/30 BASF Sand, 31,791# 16/30 SUPER LC.

## 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 #80962 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by CHERYLE RYAN on 02/03/2010 (10CMR0089SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 02/02/2010

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 \*\***