

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Hobbs RECEIVED  
AUG 04 2009  
HOBBSCO

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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  
 MIDLAND, TX 79701  
 3a. Phone No. (include area code)  
 Ph: 432-685-4332

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface: SWSE 735FSL 2222FEL 32.84490 N Lat, 103.97108 W Lon  
 At top prod interval reported below  
 At total depth: 19 Sec 16 T17S R32E Mer NMP  
 SESW 990FSL 2310FWL BHL N-19-17s-32e, 975/S & 3014/E

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 14

9. API Well No.: 30-025-39110-00-X1

10. Field and Pool, or Exploratory: MALJAMAR

11. Sec., T., R., M., or Block and Survey or Area: Sec 19 T17S R32E Mer NMP

12. County or Parish: LEA

13. State: NM

14. Date Spudded: 06/09/2009

15. Date T.D. Reached: 06/23/2009

16. Date Completed:  D & A  Ready to Prod.  
 07/17/2009

17. Elevations (DF, KB, RT, GL)\*: 3926 GL

18. Total Depth: MD 7025, TVD 7025

19. Plug Back T.D.: MD 6975, TVD 6975

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	672		600		0	
11.000	8.625 J-55	32.0	0	2122		950		0	
7.875	5.500 J-55	17.0	0	7025		1200		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	6547							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO			5364 TO 5485	0.000	36	OPEN
B) PADDOCK	5364	5485	6000 TO 6200	0.000	32	OPEN
C) BLINEBRY	6000	6780	6310 TO 6510	0.000	36	OPEN
D)			6580 TO 6780	0.000	48	OPEN

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

Depth Interval	Amount and Type of Material
5364 TO 5485	FRAC W/100,618 GALS GEL, 109,000# 16/30 BASF, 18,100# SUPER LC SAND
5364 TO 5485	ACIDIZE W/3,000 GALS 15% ACID
6000 TO 6200	ACIDIZE W/3,500 GALS 15% ACID.
6000 TO 6200	FRAC W/ 115,812 GALS GEL, 146,900# 16/30 BASF, 29,700# SUPER LC SAND.

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
07/20/2009	07/21/2009	24	▶	28.0	8.0	486.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
SI	70	70.0	▶	28	8	486	286	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
07/20/2009	07/21/2009	24	▶	28.0	8.0	486.0	37.3	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
SI	70	70.0	▶	28	8	486		POW	

(See Instructions and spaces for additional data on reverse side)  
 ELECTRONIC SUBMISSION #72522 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
 \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

ACCEPTED FOR RECORD  
 ELECTRIC PUMPING UNIT  
 JUL 29 2009  
 /s/ Myles Kristof  
 BUREAU OF LAND MANAGEMENT  
 CARLSBAD FIELD OFFICE

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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.)  
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	1960		DOLOMITE & SAND	YATES	1960
QUEEN	2943		SAND	QUEEN	2943
SAN ANDRES	3708		DOLOMITE & ANHYDRITE	SAN ANDRES	3708
GLORIETTA	5293		SAND & DOLOMITE	GLORIETTA	5293
YESO	5361		DOLOMITE & ANHYDRITE	YESO	5361
TUBB	6960		SAND	TUBB	6960

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/ 116,164GALS GEL, 146,700# 16/30 BASF, 31,500# Super LC sand.  
  
6580-6780 ACIDIZE W/2,500 GALS 15% ACID.  
6580-6780 FRAC W/115,824 GALS GEL, 146,500# 16/30 BASF, 33,400# Super LC sand.

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 #72522 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Hobbs  
Committed to AFMSS for processing by KURT SIMMONS on 07/28/2009 (09KMS0968SE)**

Name (please print) KANICIA CARRILLO Title PREPARER

Signature \_\_\_\_\_ (Electronic Submission) Date 07/27/2009

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.

**Additional data for transaction #72522 that would not fit on the form**

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

<b>Depth Interval</b>	<b>Amount and Type of Material</b>
6310 TO 6510	FRAC W/ 116,164 GALS GEL, 146,700# 16/30 BASF, 31,500# SUPER LC SAND.
6310 TO 6510	ACIDIZE W/2,500 GALS 15% ACID.
6580 TO 6780	ACIDIZE W/2,500 GALS 15% ACID.
6580 TO 6780	FRAC W/ 115,824 GALS GEL, 146,500# 16/30 BASF, 33,400# SUPER LC SAND.

**32. Additional remarks, continued**