



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCB Halls  
08/10/08

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

HOBBSON

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.		
2. Name of Operator COG OPERATING LLC ✓			8. Lease Name and Well No. MC FEDERAL 26 ✓		
3. Address 550 WEST TEXAS AVE STE 1300 MIDLAND, TX 79701			9. API Well No. 30-025-38833 ✓		
3a. Phone No. (include area code) Ph: 432-685-4332			10. Field and Pool, or Exploratory MALJAMAR, YESO, WEST ✓		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot G 2560FNL 1880FEL 32.82022 N Lat, 103.76845 W Lon ✓ At top prod interval reported below Lot G 2560FNL 1880FEL 32.82022 N Lat, 103.76845 W Lon At total depth Lot G 2302FNL 1660FEL ✓			11. Sec., T., R., M., or Block and Survey or Area Sec 21 T1S R32E Mer ✓		
14. Date Spudded 08/04/2009			15. Date T.D. Reached 08/15/2009		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 09/10/2009			17. Elevations (DF, KB, RT, GL)* 4050 GL		
18. Total Depth: MD 7035 TVD 7035			19. Plug Back T.D.: MD 6956 TVD 6956		
20. Depth Bridge Plug Set: MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUTRON		
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 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 H40	48.0	0	807		650		0	0
11.000	8.625 J55	32.0	0	2121		700		0	0
7.875	5 500 L80	17.0	0	7035		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	6587							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5444	5550	5444 TO 5550	0.410	18	OPEN
B) BLINEBRY	6080	6280	6080 TO 6280	0.410	29	OPEN
C) BLINEBRY	6360	6560	6360 TO 6560	0.410	29	OPEN
D) BLINEBRY	6630	6830	6630 TO 6830	0.410	29	OPEN

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

Depth Interval	Amount and Type of Material
5444 TO 5550	ACIDIZE W/2,500 GALS 15% ACID.
5444 TO 5550	FRAC W/ 101,795 GALS GEL, 113,600# 16/30 BASF SAND, 18,100# 16/30 SIBERPROP
6080 TO 6280	ACIDIZE W/3,500 GALS 15% ACID
6080 TO 6280	FRAC W/115,418 GALS GEL, 146,900# 16/30 BASF SAND, 29,000# 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
09/13/2009	09/14/2009	24	→	62.0	73.0	148.0	37.5	0.60	
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	→					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	
			→						

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

ELECTRONIC SUBMISSION #74712 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

ACCEPTED FOR RECORD

ELECTRIC PUMPING UNIT  
SEP 24 2009  
/s/ Chris Walls

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
YATES	2167		DOLOMITE & SAND	DOLOMITE & SAND	2167
QUEEN	3132		SAND	SAND	3132
SAN ANDRES	3889		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	3889
GLORIETA	5394		SAND & DOLOMITE	SAND & DOLOMITE	5394
YESO	5499		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	5499
TUBB	6945		SAND	SAND	6945

32. Additional remarks (include plugging procedure):  
Logs will be mailed

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

6360 - 6560 ACIDIZE W/3,500 GALS 15% ACID.

6360 - 6560 FRAC W/115,282 GALS GEL, 148,500# 16/30 BASF SAND, 31,700# 16/30 SIBERPROP.

6630 - 6830 ACIDIZE W/3,500 GALS 15% ACID.

## 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 #74712 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Hobbs

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature \_\_\_\_\_ (Electronic Submission)

Date 09/23/2009

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

**Additional data for transaction #74712 that would not fit on the form**

**32. Additional remarks, continued**

6630 - 6830 FRAC W/ 116,058 GALS GEL, 146,300# 16/30 BASF SAND, 33,600# 16/30 SIBERPROP.