

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

HOBBS OCD

MAY 25 2011

OCD-Hobbs

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMLC029509A

1a Type of Well  Oil Well  Gas Well  Dry  Other

b Type of Completion  New Well  Work Over  Deepen  Plug Back  Drift Resvr.  
Other \_\_\_\_\_

2. Name of Operator **COG OPERATING LLC** Contact **NETHA AARON**  
E-Mail: **oaron@conchoresources.com**

3 Address **550 WEST TEXAS AVENUE SUITE 100** 3a Phone No (include area code)  
**MIDLAND, TX 79701-4287** Ph. **432-818-2319**

4 Location of Well (Report location clearly and in accordance with Federal requirements)\*  
Sec 21 T17S R32E Mer NMP  
At surface **NENE 940FNL 1000FEL 32.824751 N Lat, 103.766166 W Lon**  
At top prod interval reported below  
At total depth

8 Lease Name and Well No.  
**MC FEDERAL 49**

9 API Well No.  
**30-025-39499-00-S1**

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

11 Sec., T, R., M., or Block and Survey  
or Area **Sec 21 T17S R32E Mer NMP**

12. County or Parish  
**LEA**

13. State  
**NM**

14 Date Spudded  
**03/08/2011**

15. Date T.D Reached  
**03/19/2011**

16 Date Completed  
 D & A  Ready to Prod  
**04/12/2011**

17. Elevations (DF, KB, RT, GL)\*  
**4019 GL**

18. Total Depth MD **7023** TVD **7023** 19. Plug Back T.D. MD **6960** TVD **6960** 20 Depth Bridge Plug Set MD **MD** TVD **TVD**

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

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	871		650		0	
11.000	8.625 J55	32.0	0	2112		600		0	
7.875	5.500 L-80	17.0	0	7013		1100		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	6661							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) PADDOCK	5465	5640	5465 TO 5640	1.000	26	OPEN, Paddock
B) BLINEBRY	6540	6740	6000 TO 6200	1.000	26	OPEN, Upper Blinebry
C)			6270 TO 6470	1.000	26	OPEN, Middle Blinebry
D)			6540 TO 6740	1.000	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
5465 TO 5640	FRAC W/94,050 GALS GEL, 107,360# 16/30 OTTAWA SAND, 17,668# 16/30 SIBERPROP
5465 TO 5640	ACIDIZED W/3000 GALS 15% HCL
6000 TO 6200	FRAC W/113,717 GALS GEL, 143,315# 16/30 OTTAWA SAND, 35,555# 16/30 SIBERPROP
6000 TO 6200	ACIDIZE W/2500 GALS 15% HCL

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
04/15/2011	04/21/2011	24	→	327.0	343.0	303.0	38.5	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	→	327	343	303		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

MAY 14 2011

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #107416 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

MAY 06 2011

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	2138		DOLOMITE & SAND	YATES	2138
SAN ANDRES	3869		DOLOMITE & ANHYDRITE	SAN ANDRES	3869
GLORIETTA	5348		SAND & DOLOMITE	GLORIETTA	5348
YESO	5425		DOLOMITE & ANHYDRITE	YESO	5425
TUBB	6890			TUBB	6890

32. Additional remarks (include plugging procedure):

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

6270 - 6470 Acidized w/2500 gals 15% HCL  
6270 - 6470 Frac w/115,772 gals gel, 148,654# 16/30 Ottawa sand,  
34,592# 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 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #107416 Verified by the BLM Well Information System.**  
For COG OPERATING LLC, sent to the Hobbs  
Committed to AFMSS for processing by KURT SIMMONS on 05/03/2011 (11KMS0673SE)

Name (please print) NETHA AARON Title AUTHORIZED REPRESENTATIVE

Signature \_\_\_\_\_ (Electronic Submission) Date 05/03/2011

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 #107416 that would not fit on the form**

**32. Additional remarks, continued**

6540 - 6740 Acidized w/2500 gals 15% HCL  
6540 - 6740 Frac w/115,814 gals gel, 148,874# 16/30 Ottawa sand,  
33,338# 16/30 SiberProp

LOGS WILL BE MAILED