

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**HOBBS OCD**  
OCD Hobbs  
JAN 11 2012

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  Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No

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

8 Lease Name and Well No.  
MC FEDERAL 64

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

9. API Well No.  
30-025-40125-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface Lot J 1838FSL 2167FEL 32.817805 N Lat, 103.769384 W Lon  
At top prod interval reported below Lot J 1838FSL 2167FEL 32.817805 N Lat, 103.769384 W Lon  
At total depth Lot J <sup>1668</sup> 1663FSL <sup>2296</sup> 2299FEL

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

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  
10/17/2011  
15 Date T.D Reached  
10/27/2011  
16. Date Completed  
 D & A  Ready to Prod  
11/11/2011

17. Elevations (DF, KB, RT, GL)\*  
4043 GL

18. Total Depth. MD 7120 TVD 7109  
19. Plug Back T.D.: MD 7040 TVD 7029  
20. Depth Bridge Plug Set. MD TVD

21 Type Electric & Other Mechanical Logs Run (Submit copy of each)  
COMPNEUTRON HNGS  
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 H-40	48.0	0	836		650		0	
11.000	8.625 J-55	32.0	0	2148		600		0	
7.875	5.500 L-80	17.0	0	7106		1150		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	6702							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) YESO	5430	6800	5430 TO 5580	0.000	19	OPEN, Paddock
B)			5930 TO 6180	0.000	26	OPEN, Upper Blinebry
C)			6240 TO 6490	0.000	26	OPEN, Middle Blinebry
D)			6550 TO 6800	0.000	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
5430 TO 5580	ACIDIZED W/3000 GALS 10% HCL
5430 TO 5580	FRAC W/109,372 GALS GEL, 116,982# 16/30 OTTAWA SAND, 7,985# 16/30 SIBERPROP
5930 TO 6180	ACIDIZE W/3500 GALS 10% HCL
5930 TO 6180	FRAC W/126,281 GALS GEL, 153,479# 16/30 OTTAWA SAND, 33,179# 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
11/16/2011	11/22/2011	24	→	168.0	141.0	168.0	40.1	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	→	168	141	168	839	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
			→						JAN 7 2012
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 #127398 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

JAN 24 2012

COX

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
RUSTLER	806		ANHYDRITE	RUSTLER	806
TANSILL	2038		DOLOMITE	TANSILL	2038
YATES	2150		DOLOMITE & SAND	YATES	2150
SAN ANDRES	3882		SAND	SAN ANDRES	3882
GLORIETTA	5362		DOLOMITE & ANHYDRITE	GLORIETTA	5362
YESO	5435		SAND & DOLOMITE	YESO	5435
TUBB	6918		DOLOMITE & SANDSTONES	TUBB	6918

32 Additional remarks (include plugging procedure)

44. Acid, Fracture, Treatment, Cement Squeeze, etc. CONT'D....

6240 - 6490 Acidized w/3500 gals 10% HCL.  
 6240 - 6490 Frac w/124,039 gals gel, 149,269# 16/30 Ottawa sand,  
 30,563# 16/30 SiberProp  
 6550 - 6800 Acidized w/3500 gals 10% HCL.  
 6550 - 6800 Frac w/124,633 gals gel, 148,543# 16/30 Ottawa sand,  
 31,202# 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 #127398 Verified by the BLM Well Information System.  
 For COG OPERATING LLC, sent to the Hobbs  
 Committed to AFMSS for processing by KURT SIMMONS on 01/06/2012 (12KMS0307SE)**

Name (please print) NETHA AARON Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) Date 01/05/2012

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 #127398 that would not fit on the form**

**32. Additional remarks, continued**

LOGS WILL BE MAILED