

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OGD

JUN 22 2011

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 _____

RECEIVED

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 oaron@conchoresources.com

8. Lease Name and Well No
MC FEDERAL 54

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

9 API Well No
30-025-39427

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface Lot F 1650FNL 1650FWL 32.822738 N Lat, 103.774157 W Lon
 At top prod interval reported below Lot F 1650FNL 1650FWL 32 822738 N Lat, 103.774157 W Lon
 At total depth Lot F 1650FNL 1650FWL 32 822738 N Lat, 103.774157 W Lon

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

12 County or Parish
LEA COUNTY 13. State
NM

14 Date Spudded
03/31/2011 15. Date T D Reached
04/13/2011 16 Date Completed
 D & A Ready to Prod.
05/05/2011

17. Elevations (DF, KB, RT, GL)*
4056 GL

18 Total Depth. MD 7045 TVD 7045 19 Plug Back T D : MD 6985 TVD 6985 20 Depth Bridge Plug Set. MD 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 Sks. & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	48.0	0	878		1200		0	
11.000	8.625 J55	32.0	0	2103		600		0	
7.875	5.500 L80	17.0	0	7039		1300		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	6683							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) PADDOCK	5474	5625	5474 TO 5625	1 000	25	OPEN
B) BLINEBRY	6040	6240	6040 TO 6240	1 000	26	OPEN
C) BLINEBRY	6310	6510	6310 TO 6510	1 000	26	OPEN
D) BLINEBRY	6580	6780	6580 TO 6780	1 000	28	OPEN

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

Depth Interval	Amount and Type of Material
5474 TO 5625	ACIDIZED W/3000 GALS 15% HCL
5474 TO 5625	FRAC W/100,331 GALS GEL, 108,860# 16/30 WHITE SAND, 11,637# 16/30 SIBERPROP
6040 TO 6240	ACIDIZE W/3883 GALS 15% HCL
6040 TO 6240	FRAC W/116,453 GALS GEL, 146,242# 16/30 WHITE SAND, 30,274# 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
05/12/2011	05/14/2011	24	→	99.0	165.0	202.0	39.8	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	→					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 #110465 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

K2

K2

Additional data for transaction #110465 that would not fit on the form

32. Additional remarks, continued

6580 - 6780 Frac w/118,011 gals gel, 147,761# 16/30 White sand,
32,493# 16/30 SiberProp

LOGS WILL BE MAILED