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Form 3160-4
(August 2007)

APR 20 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No 1004-0137
Expires July 31, 2010

HOBBS

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ 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 30	
3. Address 550 W TEXAS AVE SUITE 1300 MIDLAND, TX 79701		9. API Well No. 30-025-39058-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 21 T17S R32E Mer NMP SENW 1725FNL 2310FWL 32.82253 N Lat, 103.77201 W Lon		10. Field and Pool, or Exploratory MALJAMAR YESO W	
At top prod interval reported below Sec 21 T17S R32E Mer NMP		11. Sec, T., R., M., or Block and Survey or Area Sec 21 T17S R32E Mer NMP	
At total depth SENW 1725FNL 2310FWL 32.82253 N Lat, 103.77201 W Lon		12. County or Parish LEA	
14. Date Spudded 01/24/2010		13. State NM	
15. Date T.D. Reached 02/03/2010		17. Elevations (DF, KB, RT, GL)* 4057 GL	
16. Date Completed ☐ D & A ☒ Ready to Prod. 02/25/2010			

18. Total Depth MD 7030 TVD 7030	19. Plug Back T.D.: MD 6957 TVD 6957	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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	830		906		0	
11.000	8.625 J-55	32.0	0	2104		850		0	
7 875	5 500 L-80	17.0	0	7009	4991	1250		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	6818							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO			5480 TO 5610		19	open
B) PADDOCK	5480	5610	6100 TO 6300		26	open
C) BLINEBRY	6650	6850	6380 TO 6580		26	open
D)			6650 TO 6850		26	open

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

Depth Interval	Amount and Type of Material
5480 TO 5610	gal gel, 86320# 16/30 Ottawa sand, 6724# 16/30 siberprop sand
5480 TO 5610	gal acid
6100 TO 6300	gal gel, 143242# 16/30 Ottawa sand, 30350# 16/30 siberprop sand
6100 TO 6300	gal acid

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
02/27/2010	02/28/2010	24	→	103.0	239.0	228.0	37.7	
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status
	70	70.0	→	103	239	228	2320	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
02/27/2010	02/28/2010	24	→	103.0	239.0	228.0	37.7	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	
	70	70.0	→	103	239	228		POW	

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

ELECTRONIC SUBMISSION #84406 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Additional data for transaction #84406 that would not fit on the form

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

Depth Interval	Amount and Type of Material
6380 TO 6580	gal acid
6380 TO 6580	gal gel, 147200# 16/30 Ottawa sand, 30289# 16/30 siberprop sand
6650 TO 6850	gal gel, 147262# 16/30 Ottawa sand, 30236# 16/30 siberprop sand
6650 TO 6850	gal acid

32. Additional remarks, continued

sand