

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

AUG 18 2011

OCD-146663

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

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 59		
3. Address 550 WEST TEXAS AVENUE SUITE 1300 MIDLAND, TX 79701-4287			9. API Well No. 30-025-39876-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWSE 2538FSL 1809FEL At top prod interval reported below NWSE Lot J 2538FSL 1809FEL 32.819726 N Lat, 103.768222 W Lon At total depth NWSE Lot J 2200FSL 1662FEL 2277/5 & 1644/E			10. Field and Pool, or Exploratory MALJAMAR YESO WEST		
14. Date Spudded 05/22/2011			11. Sec., T., R., M., or Block and Survey or Area Sec 21 T17S R32E Mer NMP		
15. Date T.D. Reached 05/31/2011			12. County or Parish LEA		
16. Date Completed ☐ D & A ☒ Ready to Prod. 06/24/2011			13. State NM		
17. Elevations (DF, KB, RT, GL)* 4051 GL					
18. Total Depth: MD 7227 TVD 7227		19. Plug Back T.D.: MD 7173 TVD 7173		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DUALSPACEDNEUTR			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	835		850		0	
11.000	8.625 J-55	32.0	0	2173		600		0	
7.875	5.500 L-80	17.0	0	7217		1150			

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	6682							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5456	5606	5456 TO 5606	1.000	19	OPEN, Paddock
B) BLINEBRY	6510	6710	5970 TO 6170	1.000	26	OPEN, Upper Blinebry
C)			6240 TO 6440	1.000	26	OPEN, Middle Blinebry
D)			6510 TO 6710	1.000	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
5456 TO 5606	ACIDIZED W/3000 GALS 15% HCL
5456 TO 5606	FRAC W/108,271 GALS GEL, 116,016# 16/30 OTTAWA SAND, 10,981# 16/30 SIBERPROP
5970 TO 6170	ACIDIZED W/3500 GALS 15% HCL
5970 TO 6170	FRAC W/124,607 GALS GEL, 146,542# 16/30 OTTAWA SAND, 30,004# 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
07/05/2011	07/05/2011	24	→	232.0	152.0	80.0	39.0	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg Press Flwg. SI	Csg Press. SI	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	70	70.0	→	232	152	80		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. SI	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 #114678 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

AUG 30 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 SAN ANDRES GLORIETTA YESO TUBB	2170 3891 5389 5453 6960		DOLOMITE & SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE	YATES SAN ANDRES GLORIETTA YESO TUBB	2170 3891 5389 5453 6960

32. Additional remarks (include plugging procedure):

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

6240 - 6440 Acidized w/3500 gals 15% HCL.
6240 - 6440 Frac w/124,290 gals gel, 148,805# 16/30 Ottawa sand, 30,846#
16/30 SiberProp

6510 - 6710 Acidized w/3500 gals 15% HCL.
6510 - 6710 Frac w/124,172 gals gel, 145,981# 16/30 Ottawa sand, 28,985#

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 #114678 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by DEBORAH MCKINNEY on 08/08/2011 (11DLM0676SE)

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 08/05/2011

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Additional data for transaction #114678 that would not fit on the form

32. Additional remarks, continued

16/30 SiberProp

LOGS WILL BE MAILED