

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUL 30 2010

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

HOBBSOCD

5. Lease Serial No.
NMLC029509A

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> 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 41	
3. Address 550 W TEXAS AVE SUITE 1300 MIDLAND, TX 79701		9. API Well No. 30-025-39424-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 21 T17S R32E Mer NMP NWNE 990FNL 2210FEL 32.82462 N Lat, 103.77012 W Lon At top prod interval reported below At total depth		10. Field and Pool, or Exploratory MALJAMAR	
14. Date Spudded 05/03/2010		15. Date T.D. Reached 05/12/2010	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/06/2010		17. Elevations (DF, KB, RT, GL)* 4053 GL	
18. Total Depth: MD 7041 TVD 7041		19. Plug Back T.D.: MD 6975 TVD 6975	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATEDNEUT	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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	847		650		0	0
11.000	8.625 J55	32.0	0	2175		600		0	0
7.875	5.500 L80	17.0	0	7041		1100		0	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	6629							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO			5475 TO 5580	0.000	18	OPEN
B) PADDOCK	5475	5580	6070 TO 6270	0.000	26	OPEN
C) BLINEBRY	6070	6820	6350 TO 6550	0.000	26	OPEN
D)			6620 TO 6820	0.000	26	OPEN

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

Depth Interval	Amount and Type of Material
5475 TO 5580	ACIDIZE W/3,000 GALS 15% ACID
5475 TO 5580	FRAC W/96,000 GALS GEL, 108,921# 20/40 WHITE SAND, 14,846# 16/30 CRC SAND.
6070 TO 6270	ACIDIZE W/2,500 GALS 15% ACID.
6070 TO 6270	FRAC W/115,000 GALS GEL, 146,431# 20/40 WHITE SAND, 38,013# 16/30 CRC SAND.

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
06/06/2010	07/02/2010	24	→	176 0	105 0	336 0	37.5	0 60	
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	→	176	105	336	597	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
06/06/2010	07/02/2010	24	→	176 0	105 0	336 0	37 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	→	176	105	336		POW	

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

ELECTRONIC SUBMISSION #89778 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

AUG 03 2010

PETROLEUM ENGINEER

ACCEPTED FOR RECORD

JUL 29 2010

/s/ Roger Hall

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE
ELECTRIC PUMPING UNIT

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 QUEEN SAN ANDRES GLORIETTA YESO TUBB	2155 3119 3856 5371 5469 6917		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE SAND		

32. Additional remarks (include plugging procedure):

Acid, Fracture, Treatment, Cement Squeeze etc continued.

6350 - 6550 ACIDIZE W/2,500 GALS 15% ACID.

6350 - 6550 Frac w/ 116,000 gals gel, 147,193# 20/40 White sand, 34,265# 16/30 CRC sand.

6620 - 6820 ACIDIZE W/2,500 GALS 15% ACID.

6620 - 6820 FRAC W/116,000 gals gel, 145,843# 20/40 White sand, 35,027# 16/30 CRC sand.

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 #89778 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by KURT SIMMONS on 07/20/2010 (10KMS0665SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 07/19/2010

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 ****