

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 27 2010

HOBBSDOCD

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		7. Lease Serial No. NMLC029509A	
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 _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator COG OPERATING LLC		8. Lease Name and Well No. MC FEDERAL 35	
3. Address 550 W TEXAS AVE SUITE 1300 MIDLAND, TX 79701		9. API Well No. 30-025-39107-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 21 T17S R32E Mer NMP At surface NWSW 1395FSL 105FWL 32.81668 N Lat, 103.77973 W Lon At top prod interval reported below At total depth BHL M-21-17s-32e, 981/S & 344/W		10. Field and Pool, or Exploratory MALJAMAR, Yeso, West 44500	
14. Date Spudded 02/07/2010		15. Date T.D. Reached 02/17/2010	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 03/13/2010		17. Elevations (DF, KB, RT, GL)* 4009 GL	
18. Total Depth MD 7050 TVD 7050		19. Plug Back T.D.: MD 6967 TVD 6967	
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 type="checkbox"/> No <input checked="" 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 Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	816		650		0	
11.000	8.625 J-55	32.0	0	2020		600		0	
7.875	5.500 L-80	17.0	0	7032		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	6574							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) YESO			5426 TO 5576	0.000	22	OPEN
B) PADDOCK	5426	5576	6050 TO 6250	0.000	26	OPEN
C) BLINEBRY	6590	6790	6320 TO 6520	0.000	26	OPEN
D)			6590 TO 6790	0.000	26	OPEN

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

Depth Interval	Amount and Type of Material
5426 TO 5576	ACIDIZE W/2,500 GALS 15% ACID
5426 TO 5576	FRAC W/104,072 GALS GEL, 102,887# 16/30 OTTAWA SAND, 8,757# 16/30 SUPER LC.
6050 TO 6250	ACIDIZE W/3,500 GALS 15% ACID
6050 TO 6250	FRAC W/ 125,254 GALS GEL, 145,320# 16/30 OTTAWA SAND, 30,327# 16/30 SUPER LC.

28 Production - Interval A

Date First Produced 03/19/2010	Test Date 03/29/2010	Hours Tested 24	Test Production →	Oil BBL 48.0	Gas MCF 39.0	Water BBL 620.0	Oil Gravity Corr API 40.0	Gas Gravity	ACCEPTED FOR RECORD ELECTRIC PUMPING UNIT MAY 22 2010 BUREAU OF LAND MANAGEMENT ELECTRIC PUMPING UNIT CARLSBAD FIELD OFFICE
Choke Size SI	Tbg Press Flwg 70	Csg Press 70.0	24 Hr Rate →	Oil BBL 48	Gas MCF 39	Water BBL 620	Gas Oil Ratio 813	Well Status POW	

  

Date First Produced 03/19/2010	Test Date 03/29/2010	Hours Tested 24	Test Production →	Oil BBL 48.0	Gas MCF 39.0	Water BBL 620.0	Oil Gravity Corr API 40.0	Gas Gravity 0.60
Choke Size SI	Tbg Press Flwg 70	Csg Press 70.0	24 Hr Rate →	Oil BBL 48	Gas MCF 39	Water BBL 620	Gas Oil Ratio	Well Status POW

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

ELECTRONIC SUBMISSION #85249 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

**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	2078 3050 3852 5360 5419 6988		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE SAND		

**32. Additional remarks (include plugging procedure).**

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

6320 - 6520 ACIDIZE W/3,500 GALS 15% ACID.

6320 - 6520 FRAC W/ 126,415 GALS GEL, 140,100# 16/30 OTTAWA SAND, 33,683# 16/30 SUPER LC.

6590 - 6790 Acidize w/3,500 gals acid.

6590 - 6790 Frac w/ 124,705 gals gel, 142,274# 16/30 OTTAWA SAND, 34,427# 16/30 SUPER LC.

**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 #85249 Verified by the BLM Well Information System.**

**For COG OPERATING LLC, sent to the Hobbs**

**Committed to AFMSS for processing by KURT SIMMONS on 04/26/2010 (10KMS0430SE)**

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 04/22/2010

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 \*\***

**Additional data for transaction #85249 that would not fit on the form**

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

Depth Interval	Amount and Type of Material
6320 TO 6520	gal 15% acid
6320 TO 6520	gal gel, 141100# 16/30 Ottawa Sand, 33683# 16/30 Super LC
6590 TO 6790	gal 15% acid
6590 TO 6790	gal gel, 142274# 16/30 Ottawa Sand, 34427# 16/30 Super LC

**32. Additional remarks, continued**