

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

HOBBS OCD

JUN 28 2011

OCD - Hobbs

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

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 56		
3. Address 550 WEST TEXAS AVENUE SUITE 1300 MIDLAND, TX 79701-4287			9. API Well No. 30-025-39931-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot F 2123FNL 1650FWL 32.821438 N Lat, 103.774156 W Lon At top prod interval reported below Lot F 2123FNL 1650FWL 32.821438 N Lat, 103.774156 W Lon At total depth Lot F 2123FNL 1650FWL 32.821438 N Lat, 103.774156 W Lon			10. Field and Pool, or Exploratory MALJAMAR		
14. Date Spudded 04/21/2011			15. Date T.D. Reached 05/01/2011		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 05/26/2011			17. Elevations (DF, KB, RT, GL)* 4051 GL		
18. Total Depth: MD 7110 TVD 7110		19. Plug Back T.D.: MD 7056 TVD 7056		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUT CCL			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 H-40	48.0	0	889		650		0	
11.000	8.625 J-55	32.0	0	2145		600		0	
7.875	5.500 L-80	17.0	0	7100		1100		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	6690							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5480	5630	5480 TO 5630	1.000	26	OPEN, Paddock
B) BLINEBRY	6590	6790	6050 TO 6250	1.000	26	OPEN, Upper Blinebry
C)			6320 TO 6520	1.000	26	OPEN, Middle-Blinebry
D)			6590 TO 6790	1.000	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
5480 TO 5630	ACIDIZE W/3000 GALS 15% HCL
5480 TO 5630	FRAC W/106,396 GALS GEL, 118,401# 16/30 WHITE SAND, 23,423# 16/30 CRC
6050 TO 6250	ACIDIZE W/3551 GALS 15% HCL
6050 TO 6250	FRAC W/114,910 GALS GEL, 143,295# 16/30 WHITE SAND, 25,340# 16/30 CRC

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
05/28/2011	06/04/2011	24	→	294.0	77 0	383.0	37 8	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	→	294	77	383		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
			→					
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 #111060 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

JUN 29 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	2137		DOLOMITE & SAND	YATES	2137
QUEEN	3095		SAND	QUEEN	3095
SAN ANDRES	3828		DOLOMITE & ANHYDRITE	SAN ANDRES	3828
GLORIETTA	5358		SAND & DOLOMITE	GLORIETTA	5358
YESO	5412		DOLOMITE & ANHYDRITE	YESO	5412
TUBB	6930			TUBB	6930

32. Additional remarks (include plugging procedure):

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

6320 - 6520 Acidized w/3461 gals 15% HCL.

6320 - 6520 Frac w/116,593 gals gel, 145630# 16/30 White sand, 30,459# 16/30 CRC

6590 - 6790 Acidized w/3633 gals 15% HCL.

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 #111060 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by DEBORAH MCKINNEY on 06/22/2011 (11DLM0535SE)

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 06/21/2011

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 ** REVISED **

Additional data for transaction #111060 that would not fit on the form

32. Additional remarks, continued

6590 - 6790 Frac w/115,499 gals gel, 147,103# 16/30 White sand, 30,656#
16/30 CRC

LOGS WILL BE MAILED