

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

HOBBS OCD

AUG 18 2011

OCD- N6665

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			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.			7. Unit or CA Agreement Name and No.		
2. Name of Operator COG OPERATING LLC			8. Lease Name and Well No. GC FEDERAL 55		
3a. Address 550 WEST TEXAS AVENUE SUITE 1300 MIDLAND, TX 79701-4287			9. API Well No. 30-025-40007-00-S1		
3b. Phone No. (include area code) Ph: 432-818-2319			10. Field and Pool, or Exploratory MALJAMAR		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NESE 1630FSL 990FEL At top prod interval reported below NESE Lot I 1630FSL 990FEL 32.817263 N Lat, 103.799914 W Lon At total depth NESE Lot I 1630FSL 990FEL 32.817263 N Lat, 103.799914 W Lon			11. Sec., T., R., M., or Block and Survey or Area Sec 19 T17S R32E Mer NMP		
14. Date Spudded 05/12/2011			15. Date T.D. Reached 05/21/2011		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/21/2011			17. Elevations (DF, KB, RT, GL)* 3939 GL		
18. Total Depth: MD 7036 TVD 7036			19. Plug Back T.D.: MD 6970 TVD 6970		
20. Depth Bridge Plug Set: MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) SPECGAMMARAYDUA CMTBONDLOG		
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 Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	700		650		0	
11.000	8.625 J-55	32.0	0	1975		600		0	
7.875	5.500 L-80	17.0	0	7025	3888	1600		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	6596							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) PADDOCK	5300	5450	5300 TO 5450	1.000	26	OPEN, Paddock
B) BLINEBRY	6450	6650	5910 TO 6110	1.000	26	OPEN, Upper Blinebry
C)			6180 TO 6380	1.000	26	OPEN, Middle Blinebry
D)			6450 TO 6650	1.000	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
5300 TO 5450	ACIDIZED W/3000 GALS 15% HCL
5300 TO 5450	FRAC W/105,000 GALS GEL, 112,832# 16/30 WHITE SAND, 22,671 16/30 SIBERPROP
5910 TO 6110	ACIDIZED W/2500 GALS 15% HCL
5910 TO 6110	FRAC W/116,000 GALS GEL, 145,197# 16/30 WHITE SAND, 33,953 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
06/28/2011	07/03/2011	24	→	30.0	30.0	260.0	36.0	0.60	BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE 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	→	30	30	260		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	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 #114673 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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## 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	1966		DOLOMITE & SAND	YATES	1966
SAN ANDRES	3875		DOLOMITE & ANHYDRITE	SAN ANDRES	3875
GLORIETTA	5198		SAND & DOLOMITE	GLORIETTA	5198
YESO	5281			YESO	5281
TUBB	6762			TUBB	6762

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

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

6180 - 6380 Acidized w/2500 gals 15% HCL.  
6180 - 6380 Frac w/117,000 gals gel, 149,117# 16/30 White sand, 30,703#  
16/30 SiberProp

6450 - 6650 Acidized w/2500 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 #114673 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 (11DLM0674SE)

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 \*\* REVISED \*\***

**Additional data for transaction #114673 that would not fit on the form**

**32. Additional remarks, continued**

6450 - 6650 Frac w/115,000 gals gel, 141,933# 16/30 White sand, 30,908#  
16/30 SibperProp

LOGS WILL BE MAILED