

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD OLD-14665

HOBBS OCD

OCT 25 2011

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG RECEIVED

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"/> 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 46	
3. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701-4287		9. API Well No. 30-025-40143-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESE 733FSL 1270FEL At top prod interval reported below Sec 20 T17S R32E Mer NMP At total depth SESE 509FSL 1026FEL		10. Field and Pool, or Exploratory MALJAMAR YES, W	
14. Date Spudded 07/29/2011		15. Date T.D. Reached 08/06/2011	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 08/31/2011		17. Elevations (DF, KB, RT, GL)* 3986 GL	
18. Total Depth. MD 7119 TVD 7119		19. Plug Back T.D. MD 7016 TVD 7016	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL	
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	664		650		0	
11.000	8.625 J-55	32.0	0	2194		600		0	
7.875	5 500 J-55	17.0	0	7091		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	6768							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5420	5645	5420 TO 5645	0.000	26	OPEN, Paddock
B) BLINEBRY	6600	6850	5985 TO 6210	0.000	27	OPEN, Upper Blinebry
C)			6280 TO 6560	0.000	27	OPEN, Middle Blinebry
D)			6600 TO 6850	0.000	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
5420 TO 5645	ACIDIZED W/ 3,000 GALS 15% ACID
5420 TO 5645	FRAC W/ 112,000 GALS GEL, 83,805# 16/30 WHITE SAND, 17,310# 16/30 SIBERPROP
5985 TO 6210	ACIDIZE W/ 2,500 GALS 15% ACID
5985 TO 6210	FRAC W/ 126,00 GALS GEL, 146,890# 16/30 WHITE SAND, 28,049# 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
09/01/2011	09/05/2011	24	→	67.0	91.0	383.0	36.0	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	→	67	91	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	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 #118585 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT
OFFICE

ACCEPTED FOR RECORD

OCT 22 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)
CAPTURED

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
RUSTLER	732		ANHYDRITE	TOP OF SALT	946
TANSILL	946		SALT	YATES	2084
YATES	2084		DOLOMITE & SAND	TUBB	3829
SAN ANDRES	3829		SAND	SAN ANDRES	5351
GLORIETTA	5351		DOLOMITE & ANHYDRITE		
YESO	5415		SAND & DOLOMITE		
TUBB	6928		SAND		

32 Additional remarks (include plugging procedure)
44. Continued...

6280 - 6560 Acidized w/ 2,500 gals acid
6280 - 6560 Frac w/ 126,000 gals gel, 144,748# 16/30 white sand, 26,399# 16/30 siberprop.
6600 - 6850 Acidized w/ 2,500 gals acid.
6600 - 6850 Frac w/ 125,000 gals gel, 146,967# 16/30 white sand, 27,090# 16/30 Siberprop

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 #118585 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by KURT SIMMONS on 09/28/2011 (11KMS1101SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 09/27/2011

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 ****