

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

NOV 14 2011

OCD Hobbs
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"/> 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. GC FEDERAL 47	
3. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701-4287		9 API Well No. 30-025-40165-00-S1	
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NESE 1505FSL 200FEL At top prod interval reported below Sec 20 T17S R32E Mer NMP At total depth SESE 1505FSL 200FEL		10 Field and Pool, or Exploratory MALJAMAR	
14. Date Spudded 08/17/2011		15 Date T D Reached 08/30/2011	
16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 09/21/2011		17 Elevations (DF, KB, RT, GL)* 4003 GL	
18. Total Depth: MD 7160 TVD 7160		19. Plug Back T D MD 7085 TVD 7085	
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	827		650		0	
11 000	8.625 J-55	32.0	0	2236		600		0	
7.875	5 500 L-80	17 0	0	7150		1050		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	6598							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) PADDOCK	5460	5610	5460 TO 5610	0.000	26	OPEN PADDOCK
B) BLINEBRY	6080	6820	6080 TO 6280	0.000	26	OPEN BLINEBRY
C)			6350 TO 6550	0.000	26	OPEN BLINEBRY
D)			6620 TO 6820	0.000	26	OPEN BLINEBRY

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

Depth Interval	Amount and Type of Material
5460 TO 5610	ACIDIZE W/3,000 GALS 15% ACID
5460 TO 5610	FRAC W/106,000 GALS GEL, 115,852# 16/30 WHITE SAND, 24,506# 16/30 CRC
6080 TO 6280	ACIDIZE W/2,500 GALS 15% ACID
6080 TO 6280	FRAC W/114,000 GALS GEL, 144,867# 16/30 WHITE SAND, 30,655# 16/30 CRC

RECLAMATION
DUE 3-21-12

28. Production - Interval A

Date First Produced 09/25/2011	Test Date 10/02/2011	Hours Tested 24	Test Production →	Oil BBL 72 0	Gas MCF 192 0	Water BBL 309 0	Oil Gravity Corr API 37.4	Gas Gravity	Production Method ELECTRIC PUMPING UNIT
Choke Size	Tbg Press Flwg SI	Csg Press 70 0	24 Hr Rate →	Oil BBL 72	Gas MCF 192	Water BBL 309	Gas Oil Ratio	Well Status 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	

ACCEPTED FOR RECORD

NOV 5 2011

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

ELECTRONIC SUBMISSION #121898 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

JAN 03 2012

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
RUSTLER	748		ANHYDRITE	TOP OF SALT	926
TANSILL	926		SALT	YATES	2076
YATES	2076		DOLOMITE & SAND	TUBB	3047
QUEEN	3047		SAND	SAN ANDRES	3834
SAN ANDRES	3834		DOLOMITE & ANHYDRITE		
GLORIETTA	5357		SAND & DOLOMITE		
YESO	5403		DOLOMITE & ANHYDRITE		

32. Additional remarks (include plugging procedure)

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

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

6350-6550 FRAC W/111,000 GALS GEL, 146,386# 16/30 WHITE SAND, 25,882# 16/30 CRC.

6620-6820 ACIDIZE W/3,500 GALS 15% ACID

6620-6820 FRAC W/114,000 GALS GEL, 147,867# 16/30 WHITE SAND, 23,794# 16/30 CRC

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 #121898 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by DEBORAH MCKINNEY on 11/02/2011 (12DLM0065SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 11/01/2011

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 ****