

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

AUG 18 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. JC FEDERAL 47		
3. Address 550 WEST TEXAS AVENUE SUITE 1300 MIDLAND, TX 79701-4287			9. API Well No. 30-025-39929-00-S1		
3a. 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 SWNE 2310FNL 1650FEL At top prod interval reported below SWNE Lot G 2310FNL 1650FEL 32.820878 N Lat, 103.750541 W Lon At total depth SWNE Lot G 2310FNL 1650FEL 32.820878 N Lat, 103.750541 W Lon			11. Sec., T., R., M., or Block and Survey or Area Sec 22 T17S R32E Mer NMP		
14. Date Spudded 05/23/2011		15. Date T.D. Reached 06/02/2011	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/30/2011		17. Elevations (DF, KB, RT, GL)* 4002 GL
18. Total Depth: MD 7117 TVD 7117		19. Plug Back T.D.: MD 7064 TVD 7064		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	880		650		0	
11.000	8.625 J-55	32.0	0	2167		600		0	
7.875	5.500 L-80	17.0	0	7107		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	6757							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5505	5655	5505 TO 5655	1.000	26	OPEN, Paddock
B) BLINEBRY	6600	6800	6060 TO 6260	1.000	26	OPEN, Upper Blinebry
C)			6330 TO 6530	1.000	26	OPEN, Middle Blinebry
D)			6600 TO 6800	1.000	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
5505 TO 5655	ACIDIZED W/3000 GALS 15% HCL
5505 TO 5655	FRAC W/121,310 GALS GEL, 136,186# 16/30 OTTAWA SAND, 19153# 16/30 SIBERPROP
6060 TO 6260	ACIDIZED W/3500 GALS 15% HCL
6060 TO 6260	FRAC W/119,349 GALS GEL, 140,502# 16/30 OTTAWA SAND, 27,441# 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
06/30/2011	07/04/2011	24	→	160.0	295 0	388.0	38 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	→	160	295	388		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 #114680 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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PETROLEUM ENGINEER

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	2168		DOLOMITE & SAND	YATES	2168
SAN ANDRES	3916		DOLOMITE & ANHYDRITE	SAN ANDRES	3916
GLORIETTA	5404		SAND & DOLOMITE	GLORIETTA	5404
YESO	5481		DOLOMITE & ANHYDRITE	YESO	5481
TUBB	6902			TUBB	6902

32. Additional remarks (include plugging procedure):

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

6330 - 6530 Acidized w/3500 gals 15% HCL.
6330 - 6530 Frac w/119,266 gals gel, 141,631# 16/30 Ottawa sand, 27,740#
16/30 SiberProp

6600 - 6800 Acidized w/3500 gals 15% HCL.
6600 - 6800 Frac w/117,873 gals gel, 142,254# 16/30 Ottawa sand, 28,717#

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 #114680 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 (11DLM0678SE)

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 ****

Additional data for transaction #114680 that would not fit on the form

32. Additional remarks, continued

16/30 SiberProp

LOGS WILL BE MAILED