

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

JUN 15 2011

OCD - N6662

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 56		
3. Address 550 WEST TEXAS AVENUE SUITE 1300 MIDLAND, TX 79701-4287			9. API Well No. 30-025-39627-00-S1		
3a. Phone No. (include area code) Ph: 432-818-2319			10. Field and Pool, or Exploratory MALJAMAR Yes, W -		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWSE 1650FSL 1500FEL At top prod interval reported below Sec 22 T17S R32E Mer NMP At total depth NWSE 1650FSL 1500FEL			11. Sec., T., R., M., or Block and Survey or Area Sec 22 T17S R32E Mer NMP		
14. Date Spudded 03/17/2011			15. Date T.D. Reached 03/27/2011		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/21/2011			17. Elevations (DF, KB, RT, GL)* 3993 GL		
18. Total Depth: MD 7110 TVD 7110		19. Plug Back T.D.: MD 7040 TVD 7040		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUT			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	888		650		0	
12.250	8.625 J-55	32.0	0	2180		600		0	
7.875	5.500 L-80	17.0	0	7100		1550		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	6727							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5600	5750	5600 TO 5750	1.000	26	OPEN, Paddock
B) BLINEBRY	6650	6850	6110 TO 6310	1.000	26	OPEN, Upper Blinebry
C)			6380 TO 6580	1.000	26	OPEN, Middle Blinebry
D)			6650 TO 6850	1.000	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
5600 TO 5750	ACIDIZED W/3000 GALS 15% HCL
5600 TO 5750	FRAC W/110,000 GALS GEL, 105,017# 16/30 WHITE SAND, 18,698# 16/30 SUPER LC
6110 TO 6310	ACIDIZED W/2500 GALS 15% HCL
6110 TO 6310	FRAC W/127,000 GALS GEL, 147,498# 16/30 WHITE SAND, 30,135# 16/30 SUPER LC

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
05/09/2011	05/14/2011	24	→	253.0	158.0	245.0	41.2	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	→	253	158	245		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 #108821 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

ACCEPTED FOR RECORD

JUN 5 2011

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE
ELECTRIC PUMPING UNIT

JUN 15 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 SAN ANDRES GLORIETTA YESO TUBB	2181 3986 5468 5574 6983		DOLOMITE & SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE	YATES SAN ANDRES GLORIETTA YESO TUBB	2181 3986 5468 5574 6983

32. Additional remarks (include plugging procedure):

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

6380 - 6580 Acidized w/2500 gals 15% HCL
6380 - 6580 Frac w/124,000 gals gel, 124,626# 16/30 White sand,
29,079# 16/30 Super LC

6650 - 6850 Acidized w/2500 gals 15% HCL
6650 - 6850 Frac w/124,000 gals gel, 146,754# 16/30 White sand,

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 #108821 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by KURT SIMMONS on 05/24/2011 (11KMS0754SE)

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 05/23/2011

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 #108821 that would not fit on the form

32. Additional remarks, continued

29,638# 16/30 Super LC

LOGS WILL BE MAILED