

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

JUL 07 2011

Hobbs
OCD - Artesia

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. Other _____			7 Unit or CA Agreement Name and No.		
2. Name of Operator COG OPERATING LLC			8 Lease Name and Well No JC FEDERAL 53		
3. Address 550 WEST TEXAS AVENUE SUITE 1300 MIDLAND, TX 79701-4287			9. API Well No. 30-025-39862-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESW 784FSL 1689FWL At top prod interval reported below SESW Lot N 784FSL 1689FWL At total depth SESW Lot N 986FSL 1658FWL			10. Field and Pool, or Exploratory MALJAMAR		
14. Date Spudded 04/17/2011			15. Date T.D. Reached 04/27/2011		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 05/20/2011			17. Elevations (DF, KB, RT, GL)* 4008 GL		
18. Total Depth MD 7124 TVD 7124			19. Plug Back T.D. MD 7068 TVD 7068		
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 Sk. & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	841		650		0	
11.000	8.625 J-55	32.0	0	2136		800		0	
7.875	5.500 L-80	17.0	0	7114		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	6625							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5468	5630	5468 TO 5630	0.000	21	OPEN, Paddock
B) BLINEBRY	6650	6850	6104 TO 6310	0.000	26	OPEN, Upper Blinebry
C)			6380 TO 6580	0.000	26	OPEN, Middle Blinebry
D)			6650 TO 6850	0.000	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
5468 TO 5630	ACIDIZE W/3,000 GALS 15% ACID.
5468 TO 5630	FRAC W/114,896 GALS GEL, 118,573# 16/30 OTTAWA SAND, 26,741 16/30 SIBERPROP.
6104 TO 6310	ACIDIZE W/3,500 GALS 15% ACID
6104 TO 6310	FRAC W/129,998 GALS GEL, 152,006# 16/30 OTTAWA SAND, 39,381# 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
05/23/2011	05/26/2011	24	→	109.0	90 0	184.0	39.0		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	
		70.0	→	109	90	184		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 #111626 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

JUL 07 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	2163		DOLOMITE & SAND		
QUEEN	3128		SAND		
SAN ANDRES	3914		DOLOMITE & ANHYDRITE		
GLORIETTA	5403		DOLOMITE & SAND		
YESO	5465		DOLOMITE & ANHYDRITE		

32. Additional remarks (include plugging procedure):

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. CONTINUED...

6380-6580 ACIDIZE W/3,500 GALS 15% ACID.

6380-6580 FRAC W/129,783 GALS GEL, 153,970# 16/30 OTTAWA SAND, 38,165# 16/30 SIBERPROP.

6650-6850 ACIDIZE W/3,500 GALS 15% ACID.

6650-6850 FRAC W/110,524 GALS GEL, 135,919# 16/30 OTTAWA SAND, 4,772# 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 #111626 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by DEBORAH MCKINNEY on 06/28/2011 (11DLM0546SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 06/27/2011

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 **