

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

JUL 28 2011

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

OCD - Artesia

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other			5. Lease Serial No. NMLC029509A		
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr Other _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator COG OPERATING LLC			Contact: CHASITY JACKSON E-Mail: cjackson@conchoresources.com		
3. Address 550 WEST TEXAS AVENUE SUITE 1300 MIDLAND, TX 79701-4287			3a. Phone No (include area code) Ph: 432-686-3087		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NESW 1972FSL 2444FWL At top prod interval reported below NESW Lot K 1972FSL 2444FWL At total depth NESW Lot K 2298FSL 2296FWL			8. Lease Name and Well No. MC FEDERAL 60		
14. Date Spudded 05/11/2011			15. Date T.D. Reached 05/20/2011		
16. Date Completed ☐ D & A ☒ Ready to Prod. 06/13/2011			9. API Well No. 30-025-39877-00-S1		
18. Total Depth MD 7145 TVD 7145			19. Plug Back T.D.: MD 6750 TVD 6750		
20. Depth Bridge Plug Set: MD TVD			10. Field and Pool, or Exploratory MALJAMAR, YESO. WAST LK		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUT			11. Sec., T., R., M., or Block and Survey or Area Sec 21 T17S R32E Mer NMP		
22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ Yes (Submit analysis)			12. County or Parish LEA		
23. Casing and Liner Record (Report all strings set in well)			13. State NM		
24. Tubing Record			17. Elevations (DF, KB, RT, GL)* 4004 GL		

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	854		650		0	
11.000	8.625 J-55	32.0	0	2125		600		0	
7.875	5.500 L-80	17.0	0	7138		1100		0	

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	6482							

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) PADDOCK	5430	5600	5430 TO 5600	0.000	26	OPEN, Paddock
B) BLINEBRY	6500	6700	5960 TO 6160	0.000	26	OPEN, Upper Blinebry
C)			6230 TO 6430	0.000	26	OPEN, Middle Blinebry
D)			6500 TO 6700	0.000	26	OPEN, Lower Blinebry

Depth Interval	Amount and Type of Material
5430 TO 5600	FRAC W/112,000 GALS GEL, 128,383# 16/30 WHITE SAND, 30,315 16/30 SIBERPROP.
5430 TO 5600	ACIDIZE W/3,000 GALS 15% ACID
5960 TO 6160	ACIDIZE W/2,500 GALS 15% ACID
5960 TO 6160	FRAC W/115,000 GALS GEL, 148,452# 16/30 WHITE SAND, 31,721# 16/30 SIBERPROP

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
06/20/2011	06/24/2011	24	→	396.0	292.0	374.0	39.0		Production Method
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
		70.0	→	396	292	374		POW	

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 #113540 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

AUG 18 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	2159		DOLOMITE & SAND	YATES	2159
QUEEN	3126		SAND	TUBB	3126
SAN ANDRES	3896		DOLOMITE & ANHYDRITE	SAN ANDRES	3896
GLORIETTA	5405		DOLOMITE & SAND		
YESO	5499		DOLOMITE & ANHYDRITE		

32. Additional remarks (include plugging procedure):

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

6230-6430 ACIDIZE W/2,500 GALS 15% ACID.

6230-6430 FRAC W/114,000 GALS GEL, 145,634# 16/30 WHITE SAND, 31,066# 16/30 SIBERPROP.

6500-6700 ACIDIZE W/2,500 GALS 15% ACID.

6500-6700 FRAC W/116,000 GALS GEL, 146,971# 16/30 WHITE SAND, 28,845# 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 #113540 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by DEBORAH MCKINNEY on 07/25/2011 (11DLM0590SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 07/22/2011

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 **