

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DEC 23 2008

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			Contact: KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com		
3. Address 550 W TEXAS AVE SUITE 1300 MIDLAND, TX 79701			3a. Phone No. (include area code) Ph: 432-685-4332		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 21 T17S R32E Mer NMP At surface NENE 990FNL 480FEL  At top prod interval reported below  At total depth			8. Lease Name and Well No. MC FEDERAL 23 ✓		
14. Date Spudded 09/06/2008			15. Date T.D. Reached 10/10/2008		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/11/2008			9. API Well No. 30-025-38716-00-S1 ✓		
18. Total Depth: MD 6999 TVD 6999			19. Plug Back T.D.: MD 6955 TVD 6955		
20. Depth Bridge Plug Set: MD TVD			10. Field and Pool, or Exploratory MALJAMAR		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATEDNEUT			11. Sec., T., R., M., or Block and Survey or Area Sec 21 T17S R32E Mer NMP ✓		
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)			12. County or Parish LEA ✓		
23. Casing and Liner Record (Report all strings set in well)			13. State NM		
17. Elevations (DF, KB, RT, GL)* 4030 GL			17. Elevations (DF, KB, RT, GL)* 4030 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	841		700		0	
11.000	8.625 J-55	32.0	0	2201		700		0	
7.875	5.500 L-80	17.0	0	6997		1200		0	

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	6441							

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	6650	6450	5425 TO 5590	0.000	36	OPEN
B)			5900 TO 6100	0.000	36	OPEN
C)			6170 TO 6370	0.000	36	OPEN
D)			6650 TO 6450	0.000	48	OPEN

Depth Interval	Amount and Type of Material
5425 TO 5590	ACIDIZE W/100 BBLS ACID.
5425 TO 5590	FRAC W/3,341 BBLS GEL, 111,322# 16/30 SAND.
5900 TO 6100	ACIDIZE W/60 BBLS ACID.
5900 TO 6100	FRAC W/3,162 BBLS GEL, 181,471# 16/30 SAND.

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
11/13/2008	11/15/2008	24	→	122.0	102.0	518.0	40.4	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	→	122	102	518		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 #65505 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

KZ

## 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	2125		DOLOMITE & SAND	TOP OF SALT	900
QUEEN	3079		SAND	YATES	1906
SAN ANDRES	3845		DOLOMITE & ANHYDRITE	QUEEN	2878
YESO	5415		DOLOMITE & ANHYDRITE	SAN ANDRES	3638
TUBB	6821		SAND	GLORIETTA	5130
				YESO	5194
				TUBB	6821

32. Additional remarks (include plugging procedure):  
Logs will be mailed.

44. Acid, Fracture, Treatment continued.

6170 - 6370 Acidized w/ 60 bbls acid.

6170 - 6370 Frac w/ 2,763 bbls gel, 168,899# 16/30 sand.

6650 - 6450 Acidized w/ 59 bbls acid.

## 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 #65505 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by KURT SIMMONS on 12/11/2008 (09KMS0243SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 12/11/2008

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 \*\***

**Additional data for transaction #65505 that would not fit on the form****32. Additional remarks, continued**

6650 - 6450 Frac w/ 2,991 bbls gel, 177,885# 16/30 sand.