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Form 3160-4  
(August 2007)

FEB 03 2009

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTHOBBSSOLD  
WELL COMPLETION OR RECOMPLETION REPORT AND LOGFORM APPROVED  
OMB No 1004-0137  
Expires July 31, 2010

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@conchoreources.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 NESW 2410FSL 1650FWL 32.81939 N Lat, 103.77415 W Lon At top prod interval reported below Sec 21 T17S R32E Mer NMP At total depth NESW 2410FSL 1650FWL 32.81939 N Lat, 103.77415 W Lon			8. Lease Name and Well No. MC FEDERAL 29		
14. Date Spudded 11/01/2008			15. Date T.D. Reached 11/13/2008		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 12/06/2008			9. API Well No. 30-025-38998-00-S1		
18. Total Depth: MD 7025 TVD 7025			19. Plug Back T D: MD 6950 TVD 6950		
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		
24. Tubing Record			17. Elevations (DF, KB, RT, GL)* 4037 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	812		600		0	
11.000	8.625 J-55	32.0	0	2180		700		0	
7.875	5.500 L-80	17.0	0	7017		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	5304							

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	6590	6790	5450 TO 5580		36	open
B)			6000 TO 6200		36	open
C)			6320 TO 6520		36	open
D)			6590 TO 6790		48	open

Depth Interval	Amount and Type of Material
5450 TO 5580	bbls acid, Frac w/ 2868 bbls gel, 188210# 16/30 sand
6000 TO 6200	bbls acid, Frac w/ 3191 bbls gel, 240509# 16/30 sand
6320 TO 6520	bbls acid, Frac w/ 2802 bbls gel, 172348# 16/30 sand
6590 TO 6790	bbls acid, Frac w/ 2349 bbls gel, 116724# 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
12/06/2008	12/08/2008	24	→	170.0	90.0	310.0	38.4	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	→	170	90	310		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 #65980 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

## 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 QUEEN SAN ANDRES YESO	2116 3077 3802 5443		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE DOLOMITE & ANHYDRITE		

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

Acid, Fracture, Treatment, Cement Squeeze etc. continued...

5300 - 5500 Acidize w/60 bbls acid.

5300 - 5500 Frac W/2802 bbls gel, 172,348# 16/30 sand.

6590 - 6790 Acidize w/60 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 #65980 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by KURT SIMMONS on 01/05/2009 (09KMS0324SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 12/31/2008

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 \*\***

**Additional data for transaction #65980 that would not fit on the form**

**32. Additional remarks, continued**

6590 - 6790 Frac w/2349 bbls gel, 116,724# 16/30 sand.