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Form 3160-4  
(August 2007)

AUG 17 2009

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTOCD Hobbs  
OCD HobbsFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010HOBBSOCD  
COMPLETION OR RECOMPLETION REPORT AND LOG5. Lease Serial No.  
NMLC029509A1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
COG OPERATING LLCContact: KANICIA CARRILLO  
E-Mail: kcarrillo@conchoresources.com8. Lease Name and Well No.  
MC FEDERAL 213. Address 550 W TEXAS AVE SUITE 1300  
MIDLAND, TX 797013a. Phone No. (include area code)  
Ph: 432-685-43329. API Well No.  
30-025-38815-00-X1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

Sec 21 T17S R32E Mer NMP

At surface NWNW 990FNL 990FWL 32.82464 N Lat, 103.77684 W Lon

10. Field and Pool, or Exploratory  
MALJAMAR11. Sec., T., R., M., or Block and Survey  
or Area Sec 21 T17S R32E Mer NMP

At top prod interval reported below

At total depth

12. County or Parish  
LEA13. State  
NM14. Date Spudded  
06/26/200915. Date T.D. Reached  
07/06/200916. Date Completed  
☐ D & A ☒ Ready to Prod.  
07/29/200917. Elevations (DF, KB, RT, GL)\*  
4047 GL18. Total Depth: MD  
TVD 7020  
702019. Plug Back T.D.: MD  
TVD 6954  
695420. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
COMPENSATED NEUT22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☒ No ☐ 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	795		700		0	
11.000	8.625 J-55	32.0	0	2100		700		0	
7.875	5.500 L-80	17.0	0	7020		1100		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	6573							

## 25. Producing Intervals

## 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO			5420 TO 5576	0.000	36	OPEN
B) PADDOCK	5420	5576	6080 TO 6280	0.000	36	OPEN
C) BLINEBRY	6080	6820	6350 TO 6550	0.000	36	OPEN
D)			6620 TO 6820	0.000	48	OPEN

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

Depth Interval	Amount and Type of Material
5420 TO 5576	FRAC W/99,768 GALS GEL, 108,487# 16/30 WHITE SAND, 14,903# 16/30 CRC SAND.
5420 TO 5576	ACIDIZE W/2,500 GALS 15% ACID.
6080 TO 6280	ACIDIZE W/3,500 GALS 15% ACID.
6080 TO 6280	FRAC W/ 117,065 GALS GEL, 145,252# 16/30 WHITE SAND, 34,997# 16/30 CRC SAND.

## 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
08/01/2009	08/02/2009	24	→	102.0	474.0	801.0	37.2	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg Press Flwg. SI	Csg Press. SI	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
	70	70.0	→	102	474	801		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. SI	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD

AUG 11 2009  
/s/ Myles Kristof

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #73059 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT  
CARRILLO 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	2148		DOLOMITE & SAND	YATES	2148
QUEEN	3115		SAND	QUEEN	3115
SAN ANDRES	3878		DOLOMITE & ANHYDRITE	SAN ANDRES	3878
GLORIETTA	5349		SAND & DOLOMITE	GLORIETTA	5349
YESO	5417		DOLOMITE & ANHYDRITE	YESO	5417
TUBB	6911		SAND	TUBB	6911

## 32. Additional remarks (include plugging procedure):

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

6350 - 6550 ACIDIZE W/3,500 GALS 15% ACID.

6250 - 6050 FRAC W/ 115,901 GALS GEL, 147,000# 16/30 Ottawa SAND, 33,425# 16/30 CRC sand.

6620 - 6820 ACIDIZE W/3,500 GALS 15% ACID.

6620 - 6820 FRAC W/117,179 GALS GEL, 150,263# 16/30 CRC SAND, 32,154# 16/30 CRC 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 #73059 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Hobbs  
Committed to AFMSS for processing by KURT SIMMONS on 08/11/2009 (09KMS1009SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 08/11/2009

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 #73059 that would not fit on the form**

**32. Additional remarks, continued**