

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

MAR 23 2011

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010WELL COMPLETION OR RECOMPLETION REPORT AND LOG  
HUBBSUCD5. Lease Serial No.  
NMLC029405A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
BC FEDERAL 559. API Well No.  
30-025-39544-00-S110. Field and Pool, or Exploratory  
MALJAMAR11. Sec., T., R., M., or Block and Survey  
or Area Sec 20 T17S R32E Mer NMP12. County or Parish  
LEA13. State  
NM17. Elevations (DF, KB, RT, GL)\*  
3993 GL1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other2. Name of Operator  
COG OPERATING LLC Contact: NETHA AARON  
E-Mail: oaaron@conchoresources.com3. Address 550 WEST TEXAS AVENUE SUITE 100  
MIDLAND, TX 79701-4287 3a. Phone No. (include area code)  
Ph: 432-818-2319

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

At surface Sec 20 T17S R32E Mer NMP  
Lot C 330FNL 2310FWL

At top prod interval reported below

At total depth

14. Date Spudded  
01/22/201115. Date T.D. Reached  
02/01/201116. Date Completed  
☐ D & A ☒ Ready to Prod.  
02/24/201118. Total Depth: MD 7042  
TVD 704219. Plug Back T.D.: MD 6986  
TVD 698620. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
COMPENSATEDNEUT22. 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	850		650		0	
11.000	8.625 J-55	32.0	0	2100		600		0	
7.875	5.500 L-80	17.0	0	7032		1150		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	6634							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5380	5530	5380 TO 5530	1.000	25	OPEN, Paddock
B) BLINEBRY	6550	6750	6010 TO 6210	1.000	26	OPEN, Upper Blinebry
C)			6280 TO 6480	1.000	26	OPEN, Middle Blinebry
D)			6550 TO 6750	1.000	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
5380 TO 5530	ACIDIZED W/3000 GALS 15% HCL
5380 TO 5530	FRAC W/98,914 GALS GEL, 104,568# 16/30 OTTAWA SAND, 21,156# 16/30 CRC
6010 TO 6210	ACIDIZED W/3500 GALS 15% HCL
6010 TO 6210	FRAC W/111,957 GALS GEL, 144,032# 16/30 OTTAWA SAND, 25,949# 16/30 CRC. SET CBP @ 5560

## 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
03/04/2011	03/04/2011	24	→	154.0	263.0	346.0	38.6	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		→	154	263	346		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
			→						MAR 17 2011
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 #104339 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

MAR 24 2011

PETROLEUM ENGINEER

## 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 SAN ANDRES GLORIETTA YESO TUBB	2047 3787 5282 5342 6871		DOLOMITE & SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE	YATES GLORIETTA YESO TUBB	2047 5282 5342 6871

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

44. Acid, Fracture, Treatment, Cement Squeeze, etc. CONTINUED

6280 - 6480 Acidized w/3500 gals 15% HCL.  
6280 - 6480 Frac w/122,315 gals gel, 140,269# 16/30 Ottawa sand,  
33,136# 16/30 CRC

6550 - 6750 Acidized w/3500 gals 15% HCL.  
6550 - 6750 Frac w/120,218 gals gel, 148,402# 16/30 ottawa 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 #104339 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by KURT SIMMONS on 03/16/2011 (11KMS0469SE)

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 03/15/2011

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 \*\***

**Additional data for transaction #104339 that would not fit on the form**

**32. Additional remarks, continued**

31,756# 16/30 CRC

LOGS WILL BE MAILED.