

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCT 05 2011

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

WELL COMPLETION OR RECOMPLETION REPORT AND RECEIVED

5. 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 LLC

Contact: NETHA AARON

E-Mail: oaaron@conchoresources.com

8. Lease Name and Well No.
MC FEDERAL 523. Address 550 WEST TEXAS AVENUE SUITE 1300
MIDLAND, TX 79701-42873a. Phone No. (include area code)
Ph: 432-818-23199. API Well No.
30-025-40152-00-S1

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

At surface SWNW 1650FNL 920FWL

At top prod interval reported below Lot E 1650FNL 920FWL 32.822744 N Lat, 103.776533 W Lon

At total depth Lot E 1650FNL 920FWL 32.822744 N Lat, 103.776533 W Lon

10. Field and Pool, or Exploratory
MALJAMAR Yes W - K211. Sec., T., R., M., or Block and Survey
or Area Sec 21 T17S R32E Mer NMP12. County or Parish
LEA13. State
NM14. Date Spudded
07/24/201115. Date T.D. Reached
08/02/201116. Date Completed
☐ D & A ☒ Ready to Prod.
08/25/201117. Elevations (DF, KB, RT, GL)*
4040 GL18. Total Depth: MD 7014
TVD 701419. Plug Back T.D.: MD 6930
TVD 693020. 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	857		650		0	
11.000	8.625 J-55	32.0	0	2146		600		0	
7.875	5.500 L-80	17.0	0	7004		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	6737							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5450	5600	5450 TO 5600	1.000	26	OPEN, Paddock
B) BLINEBRY	6570	6770	6030 TO 6230	1.000	26	OPEN, Upper Blinebry
C)			6300 TO 6500	1.000	51	OPEN, Middle Blinebry
D)			6570 TO 6770	1.000	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
5450 TO 5600	FRAC W/142,861 GALS GEL, 148,638# 16/30 OTTAWA SAND, 16,868# 16/30 SIBERPROP
5450 TO 5600	ACIDIZED W/3000 GALS 15% HCL
6030 TO 6230	ACIDIZE W/3500 GALS 15% HCL
6030 TO 6260	FRAC W/123,931 GALS GEL, 148,542# 16/30 OTTAWA SAND, 30,146# 16/30 SIBERPROP

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
08/25/2011	08/29/2011	24	→	141.0	299.0	157.0	37.5	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	→	141	299	157			

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	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 #118802 VERIFIED BY THE BLM WELL INFORMATION SYSTEM BUREAU OF LAND MANAGEMENT
** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **
CARLSBAD FIELD OFFICE

OCT 11 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
RUSTLER	792		ANHYDRITE	RUSTLER	792
SALADO	979		SALT	TANSILL	2020
TANSILL	2020		DOLOMITE	YATES	2128
YATES	2128		DOLOMITE & SAND	SAN ANDRES	3846
SAN ANDRES	3846		SAND	GLORIETTA	5330
GLORIETTA	5330		DOLOMITE & ANHYDRITE	YESO	5444
YESO	5444		SAND & DOLOMITE	TUBB	6925
TUBB	6925				

32. Additional remarks (include plugging procedure):

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

6300 - 6500 Acidized w/6000 gals 15% HCL.

6300 - 6500 Frac w/123,634 gals gel, 1473,18# 16/30 Ottawa sand,
28,109# 16/30 SiberProp

6570 - 6770 Acidized w/3500 gals 15% HCL.

6570 - 6770 Frac w/123,769 gals gel, 149,156# 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 #118802 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by DEBORAH MCKINNEY on 09/30/2011 (11DLM0793SE)

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 09/29/2011

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 #118802 that would not fit on the form

32. Additional remarks, continued

27,998# 16/30 SiberProp

LOGS WILL BE MAILED