

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

DEC 06 2011

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC029405B1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

RECEIVED

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: oaaaron@conchoresources.com8. Lease Name and Well No
GC FEDERAL 613. Address 550 WEST TEXAS AVENUE SUITE 100
MIDLAND, TX 79701-42873a. Phone No. (include area code)
Ph: 432-818-23199. API Well No
30-025-40227-00-S1 ✓

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

10. Field and Pool, or Exploratory
MALJAMAR Yes W -11. Sec., T., R., M., or Block and Survey
or Area Sec 19 T17S R32E Mer NMP12. County or Parish
LEA 13. State
NM14. Date Spudded
09/24/201115. Date T.D. Reached
10/04/201116. Date Completed
☐ D & A ☒ Ready to Prod.
10/25/201117. Elevations (DF, KB, RT, GL)*
3928 GL18. Total Depth: MD 7095
TVD 706019. Plug Back T.D.: MD 7045
TVD 701020. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPNEUTRONHNGS CCL22. 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	704		650		0	
11.000	8.625 J-55	32.0	0	2110		600		0	
7.875	5.500 L-80	17.0	0	7088		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	6643							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5315	6670	5315 TO 5490	0.000	26	OPEN, Paddock
B)			5775 TO 6110	0.000	27	OPEN, Upper Blinebry
C)			6200 TO 6400	0.000	26	OPEN, Middle Blinebry
D)			6470 TO 6670	0.000	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
5315 TO 5490	ACIDIZED W/3000 GALS 15% HCL
5315 TO 5490	FRAC W/103,000 GALS GEL, 119,475# 16/30 WHITE SAND, 18,662# 16/30 CRC
5775 TO 6110	ACIDIZED W/2500 GALS 15% HCL
5775 TO 6110	FRAC W/117,000 GALS GEL, 151,438# 16/30 WHITE SAND, 34,898# 16/30 CRC

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
10/31/2011	11/04/2011	24	→	87.0	90.0	387.0	36.7	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	→	87	90	387		POW	

28a. Production - Interval B

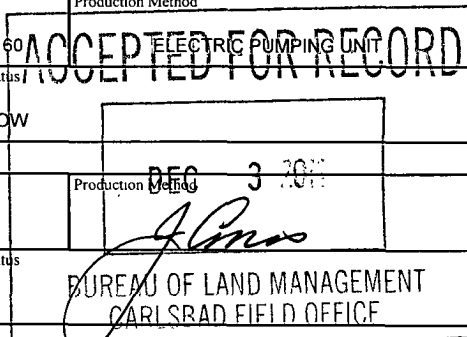
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #124150 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

MAY 17 2012

RECLAMATION
DUE 4-25-12

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	614		ANHYDRITE	RUSTLER	614
TANSILL	1847		DOLOMITE	TANSILL	1847
YATES	1961		DOLOMITE & SAND	YATES	1961
SAN ANDRES	3644		SAND	SAN ANDRES	3644
GLORIETTA	5223		DOLOMITE & ANHYDRITE	GLORIETTA	5223
YESO	5280		SAND & DOLOMITE	YESO	5280

32. Additional remarks (include plugging procedure)

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

6200 - 6400 Acidized w/2500 gals 15% HCL.

6200 - 6400 Frac w/114,000 gals gel, 146,918# 16/30 White sand,
32,105# 16/30 CRC

6470 - 6670 Acidized w/2500 gals 15% HCL.

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 #124150 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by DEBORAH MCKINNEY on 11/30/2011 (12DLM0128SE)

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 11/28/2011

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 ****

• **Additional data for transaction #124150 that would not fit on the form**

32. Additional remarks, continued

6470 - 6670 Frac w/114,000 gals gel, 145,899# 16/30 White sand,
30,819# 16/30 CRC

LOGS WILL BE MAILED