

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAR 23 2011

HOBBS

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC029509B1a. 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: NETHA AARON
E-Mail: aaaron@conchoresources.com8. Lease Name and Well No.
JC FEDERAL 463. Address 550 WEST TEXAS AVENUE SUITE 100
MIDLAND, TX 79701-42873a. Phone No. (include area code)
Ph: 432-818-23199. API Well No.
30-025-39617-00-S1

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

Sec 22 T17S R32E Mer NMP
At surface SENE 2310FNL 330FEL10. Field and Pool, or Exploratory
MALJAMAR-YESO11. Sec., T., R., M., or Block and Survey
or Area Sec 22 T17S R32E Mer NMP

At top prod interval reported below

12. County or Parish
LEA13. State
NM

At total depth

14. Date Spudded
01/08/201115. Date T.D. Reached
01/23/201116. Date Completed
☐ D & A ☒ Ready to Prod.
02/17/201117. Elevations (DF, KB, RT, GL)*
4003 GL18. Total Depth: MD 7140
TVD 714019. Plug Back T.D.: MD 7076
TVD 707620. 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 H40	48.0	0	887		650		0	
11.000	8.625 J55	32.0	0	2155		800		0	
7.875	5.500 L80	17.0	0	7128		1450		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	6751							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5540	5690	5540 TO 5690	1.000	26	OPEN, Paddock
B) BLINEBRY	6640	6840	6100 TO 6300	1.000	26	OPEN, Upper Blinebry
C)			6366 TO 6570	1.000	52	OPEN, Middle Blinebry
D)			6640 TO 6840	1.000	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
5540 TO 5690	ACIDIZED W/3000 GALS 15% HCL
5540 TO 5690	FRAC W/86,507 GALS GEL, 95,428# 16/30 OTTAWA SAND, 8,211# 16/30 SIBERPROP
6100 TO 6300	ACIDIZED W/3500 GALS 15% HCL
6100 TO 6300	FRAC W/112,083 GALS GEL, 148,020# 16/30 OTTAWA SAND, 34,425# 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
02/25/2011	02/25/2011	24	→	102.0	113.0	296.0	38.5	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	
		70.0	→	102	113	296		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 #104341 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

MAR 24 2011

PETROLEUM ENGINEER

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.)
CAPTURED

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	2192		DOLOMITE & SAND	YATES	2192
SAN ANDRES	3966		DOLOMITE & ANHYDRITE	SAN ANDRES	3966
GLORIETTA	5440		SAND & DOLOMITE	GLORIETTA	5440
YESO	5522		DOLOMITE & ANHYDRITE	YESO	5522
TUBB	6960			TUBB	6960

32. Additional remarks (include plugging procedure):

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

6366 - 6570 Acidized w/6000 gals 15% HCL
6366 - 6570 Frac w/109,581 gals gel, 148,045# 16/30 Ottawa sand, 22,274#
16/30 Siberprop

6640 - 6840 Acidized w/3500 gals 15% HCL
6640 - 6840 Frac w/116,744 gals gel, 157,563# 16/30 Ottawa sand, 34,522#

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 #104341 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 (11KMS0470SE)

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 #104341 that would not fit on the form

32. Additional remarks, continued

16/30 CRC