

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

2. Name of Operator
COG OPERATING LLC Contact: NETHA AARON
E-Mail: oaaron@conchoresources.com

3. Address 550 WEST TEXAS SUITE 100
MIDLAND, TX 79701 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 Lot 4 770FSL 330FWL 32.81491 N Lat, 103.81290 W Lon
At top prod interval reported below Lot 4 770FSL 330FWL 32.81491 N Lat, 103.81290 W Lon
At total depth Lot 4 378FSL 387FWL BHL @ M-19-17s-32e, 395/S & 392/W

14. Date Spudded 12/23/2010 15. Date T.D. Reached 01/06/2011 16. Date Completed
☐ D & A ☒ Ready to Prod. 01/23/2011

17. Elevations (DF, KB, RT, GL)*
3909 GL

18. Total Depth: MD 7128 TVD 7128 19. Plug Back T.D.: MD 6950 TVD 6950 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPENSATED NEUTRON 22. 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	680		600		0	
11.000	8.625 J55	32.0	0	2128		600		0	
7.875	5.500 L80	17.0	0	7103		1050		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	6731							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5310	5500	5310 TO 5500	1.000	26	OPEN
B) BLINEBRY	6058	6316	6058 TO 6316	1.000	26	OPEN
C) BLINEBRY	6377	6577	6377 TO 6577	1.000	26	OPEN
D) BLINEBRY	6650	6850	6650 TO 6850	1.000	26	OPEN

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

Depth Interval	Amount and Type of Material
5310 TO 5500	ACIDIZED W/3000 GALS 15% HCL
5310 TO 5500	FRAC W/106,295 GALS GEL, 112,482# 16/30 OTTAWA SAND, 9,547# 16/30 SIBERPROP
6058 TO 6316	ACIDIZED W/2500 GALS 15% HCL
6058 TO 6316	FRAC W/123,853 GALS GEL, 148,124# 16/30 OTTAWA SAND, 30,100# 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
01/27/2011	01/29/2011	24	→	53.0	56.0	480.0	40.5	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 70.0	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→					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 #103519 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

MAR 23 2011

PETROLEUM ENGINEER

RECEIVED
MAR 18 2011
HOBBS

OCD-K

ACCEPTED FOR

MAR 13 2011

BUREAU OF LAND MANAGEMENT
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	1936		DOLOMITE & SAND	YATES	1939
QUEEN	2913		SAND	QUEEN	2913
SAN ANDRES	3627		DOLOMITE & ANHYDRITE	SAN ANDRES	3627
GLORIETA	5281		SAND & DOLOMITE	GLORIETA	5281
YESO	5301		DOLOMITE & ANHYDRITE	YESO	5301
TUBBS	6835			TUBBS	6835

32. Additional remarks (include plugging procedure):

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

6377 - 6577 Acidized w/2500 gals 15% HCL.
6377 - 6577 Frac w/123,814 gals gel, 147,907# 16/30 Ottawa sand, 31,187# 16/30 Siberprop.

6650 - 6850 Acidized w/2500 gals 15% HCL.
6650 - 6850 Frac w/123,777 gals gel, 147,786# 16/30 Ottawa sand, 31,507# 16/30

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 #103519 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 03/02/2011

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Additional data for transaction #103519 that would not fit on the form

32. Additional remarks, continued

Siberprop.

LOGS WILL BE MAILED