

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

5. Lease Serial No
NMNM03976231a. 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: oaron@conchoresources.com8. Lease Name and Well No.
FOLK FEDERAL 233. Address 550 WEST TEXAS AVENUE SUITE 100
MIDLAND, TX 797013a. Phone No. (include area code)
Ph: 432-818-23199. API Well No
30-015-39272-00-S1

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

At surface NWNW 1085FNL 350FWL 32.838736 N Lat, 104.103952 W Lon

At top prod interval reported below NWNW 1085FNL 350FWL 32.838736 N Lat, 104.103952 W Lon

At total depth NWNW 1085FNL 350FWL 32.838736 N Lat, 104.103952 W Lon

10. Field and Pool, or Exploratory
EMPIRE11. Sec., T., R., M., or Block and Survey
or Area Sec 17 T17S R29E Mer NMP12. County or Parish
EDDY13. State
NM14. Date Spudded
10/15/201115. Date T.D. Reached
11/04/201116. Date Completed
☐ D & A ☒ Ready to Prod.
11/24/201117. Elevations (DF, KB, RT, GL)*
3652 GL18. Total Depth: MD 5495
TVD 549519. Plug Back T.D.: MD 5430
TVD 543020. 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	167		950		0	
11.000	8.625 J-55	32.0	0	878	350	500			
7.875	5.500 J-55	17.0	0	5485	2500	1050			

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	5101							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	3930	5200	3930 TO 4180	0.210	26	OPEN, Paddock
B)			4330 TO 4580	0.210	26	OPEN, Upper Blinbry
C)			4640 TO 4890	0.210	26	OPEN, Middle Blinbry
D)			4950 TO 5200	0.210	26	OPEN, Lower Blinbry

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

Depth Interval	Amount and Type of Material
3930 TO 4180	ACIDIZED W/2500 GALS 15% HCL
3930 TO 4180	FRAC W/103,914 GALS GEL, 118,585# 16/30 WHITE SAND, 23,066# 16/30 CRC
4330 TO 4580	ACIDIZE W/3500 GALS 15% HCL SAND, 32,524# 16/30 CRC
4330 TO 4580	FRAC W/116,355 GALS GEL, 146,385# 16/30 WHITE

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
11/29/2011	12/02/2011	24	→	111.0	175.0	658.0	39.6	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
SI	70	70.0	→	111	175	658		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	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
SI			→						

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

ELECTRONIC SUBMISSION #130178 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

RECEIVED

FEB 29 2012

NMOCD ARTESIA

RECLAMATION
DUE 5-24-12

ACCEPTED FOR RECORD

FEB 19 2012

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	859		DOLOMITE & SAND	YATES	859
QUEEN	1694		SANDSTONE & DOLOMITE	QUEEN	1694
GRAYBURG	2188		SANDSTONE & DOLOMITE	GRAYBURG	2188
SAN ANDRES	2418		DOLOMITE & LIMESTONE	SAN ANDRES	2418
YESO	3137		SAND & DOLOMITE	GLORIETA	3842
GLORIETA	3842		SANDSTONE	YESO	3863
TUBB	5303		DOLOMITE & SANDSTONE	TUBB	5303

32. Additional remarks (include plugging procedure):

44. Acid, Fracture, Treatment, Cement Squeeze, etc. CONT'D....

4640 - 4890 Acidized w/3500 gals 15% HCL.
4640 - 4890 Frac w/113,864 gals gel, 143,854# 16/30 White sand, 30,463# 16/30 CRC

4950 - 5200 Acidized w/3500 gals 15% HCL.
4950 - 5200 Frac w/113,377 gals gel, 143,014# 16/30 White sand, 31,509# 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 #130178 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by JAMES (JIM) HUGHES on 02/08/2012 (12JLH0420SE)

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature _____ (Electronic Submission)

Date 02/06/2012

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 #130178 that would not fit on the form

32. Additional remarks, continued

CRC

LOGS WILL BE MAILED