

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
NMNM0397623

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: aaaron@conchoresources.com

3 Address 550 WEST TEXAS AVENUE SUITE 1300 3a Phone No (include area code)
MIDLAND, TX 79701 Ph 432-818-2319

4 Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface NENW Lot C 960FNL 1650FWL 32.839077 N Lat, 104 099720 W Lon
At top prod interval reported below NENW Lot C 960FNL 1650FWL 32.839077 N Lat, 104.099720 W Lon
At total depth NENW Lot C 960FNL 1650FWL 32.839077 N Lat, 104 099720 W Lon

6 If Indian, Allottee or Tribe Name

7 Unit or CA Agreement Name and No

8 Lease Name and Well No
FOLK FEDERAL 20

9 API Well No
30-015-38173-00-S1

10 Field and Pool, or Exploratory
EMPIRE GLORIETA-YESO, EAST

11 Sec, T, R, M, or Block and Survey
or Area Sec 17 T17S R29E Mer NMP

12 County or Parish EDDY 13. State NM

14. Date Spudded 03/23/2011 15 Date T D Reached 03/29/2011 16 Date Completed
☐ D & A ☒ Ready to Prod 04/26/2011

17 Elevations (DF, KB, RT, GL)*
3626 GL

18 Total Depth MD 5528 TVD 5528 19 Plug Back T D MD 5469 TVD 5469 20 Depth Bridge Plug Set MD TVD

21 Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPENSATEDNEUT

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 H-40	48.0	0	328		1125		0	
11.000	8.625 J-55	24.0	0	860		400		0	
7.875	5.500 J-55	17.0	0	5515		900		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	5133							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) PADDOCK	3925	4150	3925 TO 4150	1.000	26	OPEN, Paddock
B) BLINEBRY	5020	5220	4440 TO 4640	1.000	26	OPEN, Upper Blinebry
C)			4720 TO 4920	1.000	26	OPEN, Middle Blinebry
D)			5020 TO 5220	1.000	26	OPEN, Lower Blinebry

27 Acid, Fracture, Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
3925 TO 4150	FRAC W/106,995 GALS GEL, 108,252# 16/30 OTTAWA SAND, 17,758# 16/30 SIBERPROP
3925 TO 4150	ACIDIZED W/2500 GALS 15% HCL
4440 TO 4640	ACIDIZE W/W/3500 GALS 15% HCL
4440 TO 4640	FRAC W/123,634 GALS GEL, 148,138# 16/30 OTTAWA SAND, 29,320# 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
04/28/2011	05/12/2011	24	→	126 0	164.0	445 0	39 5		POW
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	→	126	164	445			

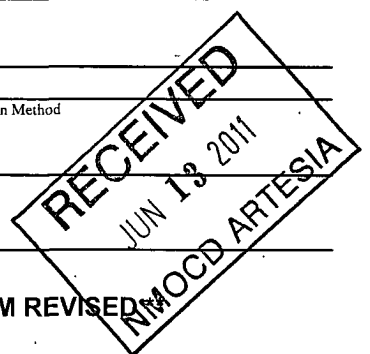
28a. Production - Interval B

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 #109498 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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



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	842		DOLOMITE & SAND	YATES	842
SAN ANDRES	2393		DOLOMITE & ANHYDRITE	SAN ANDRES	2393
GLORIETA	3817		SAND & DOLOMITE	GLORIETA	3817
YESO	3898		DOLOMITE & ANHYDRITE	YESO	3898
TUBB	5288			TUBB	5288

32. Additional remarks (include plugging procedure).

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

4720 - 4920 Acidized w/3500 gals 15% HCL
4720 - 4920 Frac w/126,641 gals gel, 146,849# 16/30 Ottawa sand,
29,915# 16/30 SiberProp

5020 - 5220 Acidized w/3500 gals 15% HCL
5020 - 5220 Frac w/125,184 gals gel, 143,489# 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 #109498 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH MCKINNEY on 06/03/2011 (11DLM0827SE)

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 06/02/2011

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Additional data for transaction #109498 that would not fit on the form

32. Additional remarks, continued

30,684# 16/30 SiberProp

LOGS WILL BE MAILED