

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 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 **SENW Lot F 2441FNL 1975FWL**
At top prod interval reported below **Sec 17 T17S R29E Mer NMP**
At total depth **SENW Lot F 2310FNL 1650FWL**

14. Date Spudded **04/09/2011** 15. Date T.D. Reached **04/18/2011** 16. Date Completed
☐ D & A ☒ Ready to Prod
05/12/2011

5. Lease Serial No. **NMNM0397623** 6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No
8. Lease Name and Well No. **FOLK FEDERAL 28**
9. API Well No. **30-015-38176-00-S1**
10. Field and Pool, or Exploratory **EMPIRE GLORIETA-YESO**
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**
17. Elevations (DF, KB, RT, GL)* **3635 GL**

18. Total Depth: MD **5583** TVD **5557** 19. Plug Back T.D.: MD **5519** TVD **5493** 20. Depth Bridge Plug Set: MD **MD** TVD **TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPENSATED NEUT

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	333		1100		0	
11.000	8.625 J-55	24.0	0	875		400			
7.875	5.500 J-55	17.0	0	5571		950			

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	5109							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) PADDOCK	3960	4235	3960 TO 4235	1.000	26	OPEN, Paddock
B) BLINEBRY	5025	5225	4485 TO 4685	1.000	26	OPEN, Upper Blinebry
C)			4755 TO 4955	1.000	26	OPEN, Middle-Blinebry
D)			5025 TO 5225	1.000	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
3960 TO 4235	ACIDIZED W/3000 GALS 15% HCL
3960 TO 4235	FRAC W/99,854 GALS GEL, 100,157# 16/30 WHITE SAND, 27,010# 16/30 SLC
4485 TO 4685	ACIDIZE W/3999 GALS 15% HCL
4485 TO 4685	FRAC W/114,924 GALS GEL, 148,596# 16/30 WHITE SAND, 30,112# 16/30 SLC

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
05/20/2011	05/30/2011	24	→	214.0	259.0	462.0	38.5	0.60	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	→	214	259	462		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 #110724 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 SAN ANDRES GLORIETA YESO TUBB	863 2419 3871 3945 5350		DOLOMITE & SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE	YATES SAN ANDRES GLORIETA YESO TUBB	863 2419 3871 3945 5350

32. Additional remarks (include plugging procedure).

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

4755 - 4955 Acidized w/3271 gals 15% HCL.
4755 - 4955 Frac w/115,341 gals gel, 145,520# 16/30 White sand,
29,360# 16/30 SLC

5025 - 5225 Acidized w/3656 gals 15% HCL.
5025 - 5225 Frac w/114,681 gals gel, 147,100# 16/30 White 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 #110724 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 06/17/2011 (11KMS1876SE)

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 06/16/2011

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.

Additional data for transaction #110724 that would not fit on the form

32. Additional remarks, continued

32,239# 16/30 SLC

LOGS WILL BE MAILED IN.