

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 _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
COG OPERATING LLC
Contact: CHASITY JACKSON
E-Mail: cjackson@conchoresources.com

8. Lease Name and Well No.
FOLK FEDERAL 33

3. Address 550 WEST TEXAS AVENUE SUITE 1300
MIDLAND, TX 79701
3a. Phone No (include area code)
Ph: 432-686-3087

9. API Well No.
30-015-38178-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SENE Lot H 1650FNL 330FEL
At top prod interval reported below SENE Lot H 1650FNL 330FEL
At total depth SENE Lot H 1650FNL 330FEL

10. Field and Pool, or Exploratory
EMPIRE; OL-1650, 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
04/19/2011

15. Date T.D. Reached
04/25/2011

16. Date Completed
☐ D & A ☒ Ready to Prod.
05/18/2011

17. Elevations (DF, KB, RT, GL)*
3594 GL

18. Total Depth: MD 5528
TVD 5528

19. Plug Back T.D.: MD 5468
TVD 5468

20. Depth Bridge Plug Set: MD
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	325		400		0	
11.000	8.625 J-55	24.0	0	863		400			
7.875	5.500 J-55	17.0	0	5528	2607	1400			

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	5030							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	3985	4260	3985 TO 4260	0.410	26	OPEN, Paddock
B) BLINEBRY	5050	5250	4510 TO 4710	0.410	26	OPEN, Upper Blinebry
C)			4780 TO 4980	0.410	26	OPEN, Middle Blinebry
D)			5050 TO 5250	0.410	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
3985 TO 4260	FRAC W/98,000 GALS GEL, 101,683# 16/30 WHITE SAND, 23,537# 16/30 SIBERPROP
3985 TO 4260	ACIDIZE W/3,000 GALS 15% ACID.
4510 TO 4710	ACIDIZE W/2,500 GALS 15% ACID.
4510 TO 4710	FRAC W/114,000 GALS GEL, 145,800# 16/30 WHITE SAND, 34,010# 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
05/20/2011	05/26/2011	24	→	115.0	121.0	415.0	39.8		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	→	115	121	415		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 #109998 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

K2

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 QUEEN SAN ANDRES GLORIETA YESO TUBB	878 1732 2438 3879 3960 5360		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE DOLOMITE & SAND DOLOMITE & ANHYDRITE SAND	YATES QUEEN SAN ANDRES	878 1732 2438

32. Additional remarks (include plugging procedure):

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. CONTINUED...

4780-4980 ACIDIZE W/2,500 GALS 15% ACID.

4780-4980 FRAC W/113,000 GALS GEL, 144,600# 16/30 WHITE SAND, 31,678# 16/30 SIBERPROP.

5050-5250 ACIDIZE W/2,500 GALS 15% ACID.

5050-5250 FRAC W/115,000 GALS GEL, 150,850# 16/30 WHITE SAND, 29,158# 16/30 SIBERPROP.

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 #109998 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by DEBORAH MCKINNEY on 06/08/2011 (11DLM0882SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature _____ (Electronic Submission)

Date 06/07/2011

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 ****