

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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			6 If Indian, Allottee or Tribe Name		
b Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Resvr Other _____			7. Unit or CA Agreement Name and No.		
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 A 1090FNL 330FEL 32 838709 N Lat, 104 088952 W Lon At top prod interval reported below Lot A 1090FNL 330FEL 32.838709 N Lat, 104 088952 W Lon At total depth Lot A 1090FNL 330FEL 32 838709 N Lat, 104 088952 W Lon			8 Lease Name and Well No FOLK FEDERAL 16		
14 Date Spudded 09/03/2011			15. Date T D Reached 09/12/2011		9 API Well No 30-015-39268
16 Date Completed ☐ D & A ☒ Ready to Prod 10/13/2011			10 Field and Pool, or Exploratory EMPIRE;GLOR-YESO, EAST		
17. Elevations (DF, KB, RT, GL)* 3599 GL			11 Sec., T., R., M., or Block and Survey or Area Sec 17 T17S R29E Mer		
18 Total Depth MD 5470 TVD 5470			19. Plug Back T.D. MD 5425 TVD 5425		12 County or Parish EDDY
20 Depth Bridge Plug Set MD TVD			13 State NM		
21 Type Electric & Other Mechanical Logs Run (Submit copy of each) COMP NEUTRON GAMMA RAY CCL			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	331		400		0	
11 000	8 625 J55	24.0	0	957		400		0	
7 875	5 500 J55	17 0	0	5470		950		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	5098							

25 Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) YESO	3970	5200	3970 TO 4220	1 000	26	OPEN
B)			4330 TO 4580	1 000	26	OPEN
C)			4640 TO 4890	1,000	26	OPEN
D)			4950 TO 5200	1 000	26	OPEN

27 Acid, Fracture, Treatment, Cement Squeeze Etc

Depth Interval	Amount and Type of Material
3970 TO 4220	ACIDIZE W/3000 GALS 15% HCL
3970 TO 4220	FRAC W/114,627 GALS GEL, 148,221# 16/30 WHITE SAND, 22,511# 16/30 SIBERPROP
4330 TO 4580	ACIDIZE W/2500 GALS 15% HCL
4330 TO 4580	FRAC W/114,049 GALS GEL, 146,109# 16/30 WHITE SAND, 30,779# 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
10/20/2011	10/23/2011	24	→	126 0	111 0	391 0	2.3	0 60	ELECTRIC PUMPING UNIT
Choke Size	Fig Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
	70	70 0	→					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	Fig 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 #123810 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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. Flowg. 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. Flowg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

29 Disposition of Gas(Solid, 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
RUSTLER	199		ANHYDRITE	RUSTLER	199
SALT TOP	300		SALT	SALT TOP	300
TANSILL	775		DOLOMITE	TANSILL	775
YATES	893		DOLOMITE & SAND	YATES	893
SAN ANDRES	2440		SAND	SAN ANDRES	2440
GLORIETA	3870		DOLOMITE & ANHYDRITE	GLORIETA	3870
YESO	3974		SAND & DOLOMITE	YESO	3974

32 Additional remarks (include plugging procedure)

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

4640 - 4890 Acidized w/2500 gals 15% HCL
4640 - 4890 Frac w/114,904 gals gel, 143,548# 16/30 White sand,
26,932# 16/30 SiberProp
4950 - 5200 Acidized w/2500 gals 15% HCL
4950 - 5200 Frac w/115,002 gals gel, 145,397# 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 #123810 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature _____ (Electronic Submission)

Date 11/21/2011

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 #123810 that would not fit on the form

32. Additional remarks, continued

30,169# 16/30 SiberProp

LOGS WILL BE MAILED