

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM 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			5. Lease Serial No NMNM0397623		
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Resvr Other _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator COG OPERATING LLC			8. Lease Name and Well No. FOLK FEDERAL 25		
3. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701			9. API Well No. 30-015-39273-00-S1		
3a. Phone No. (include area code) Ph: 432-818-2319			10. Field and Pool, or Exploratory EMPIRE		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWNW 2509FNL 330FWL 32.834823 N Lat, 104.104018 W Lon At top prod interval reported below SWNW 2509FNL 330FWL 32.834823 N Lat, 104.104018 W Lon At total depth SWNW 2509FNL 330FWL 32.834823 N Lat, 104.104018 W Lon			11. Sec., T., R., M., or Block and Survey or Area Sec 17 T17S R29E Mer NMP		
14. Date Spudded 11/15/2011			15. Date T.D. Reached 11/24/2011		
16. Date Completed ☐ D & A ☒ Ready to Prod. 01/04/2012			17. Elevations (DF, KB, RT, GL)* 3668 GL		
18. Total Depth. MD 5502 TVD 5502			19. Plug Back T.D. MD 5444 TVD 5444		
20. Depth Bridge Plug Set. MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUT HGNS		
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	167		950			
11.000	8.625 J-55	32.0	0	878		500			
7.875	5.500 J-55	17.0	0	5485		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	5102							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	3930	5190	3930 TO 4180	0.210	26	OPEN, Paddock
B)			4320 TO 4570	0.210	26	OPEN, Upper Blinebry
C)			4630 TO 4880	0.210	26	OPEN, Middle Blinebry
D)			4940 TO 5190	0.210	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
3930 TO 4180	FRAC W/107,530 GALS GEL, 125,994# 16/30 BROWN SAND, 25,250# 16/30 SIBERPROP
3930 TO 4180	ACIDIZED W/1500 GALS 15% HCL
4320 TO 4570	ACIDIZE W/3250 GALS 15% HCL
4320 TO 4570	FRAC W/124,480 GALS GEL, 148,353# 16/30 BRADY SAND, 28,653# 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
01/04/2012	01/11/2012	24	→	143.0	107.0	580.0	40.2	0.60	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	
N/A	70	70.0	→	143	107	580	748	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
			→						FEB 19 2012
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 #130271 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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
RUSTLER	220		SALT	RUSTLER	220
SALADO	309		SALT	SALADO	309
YATES	882		DOLOMITE & SAND	BOTTOM SALT	771
SAN ANDRES	2430		DOLOMITE & LIMESTONE	YATES	882
GLORIETA	3848		SANDSTONE	SAN ANDRES	2430
YESO	3926		SAND & DOLOMITE	GLORIETA	3848
				YESO	3926

32. Additional remarks (include plugging procedure):

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

4630 - 4880 Acidized w/3250 gals 15% HCL.

4630 - 4880 Frac w/123,357 gals gel, 149,923# 16/30 Brady sand, 27,896# 16/30 SiberProp

4940 - 5190 Acidized w/3250 gals 15% HCL.

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 #130271 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 (12JLH0424SE)

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 02/07/2012

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 ** REVISED **

Additional data for transaction #130271 that would not fit on the form

32. Additional remarks, continued

4940 - 5190 Frac w/122,357 gals gel, 149,576# 16/30 Brady sand,
28,171# 16/30 SiberProp

LOGS WILL BE MAILED