

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

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other		7. Unit or CA Agreement Name and No	
2. Name of Operator COG OPERATING LLC		8. Lease Name and Well No. FOLK FEDERAL 40	
3. Address ONE CONCHO CENTER 600 WILLINOIS AVENUE MIDLAND, TX 79701		9. API Well No. 30-015-40201-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWSW 1750FSL 280FWL At top prod interval reported below NWSW 1750FSL 280FWL At total depth NWSW 1750FSL 280FWL		10. Field and Pool, or Exploratory EMPIRE	
14. Date Spudded 06/30/2012		15. Date T.D. Reached 07/06/2012	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 07/31/2012		17. Elevations (DF, KB, RT, GL)* 3654 GL	
18. Total Depth MD 5017 TVD		19. Plug Back T.D.: MD 4930 TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNSGR	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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 Sks. & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48 0	0	175		600		0	
11.000	8 625 J-55	24 0	0	863		600		0	
7 875	5.500 J-55	17 0	0	5017		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	4862							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) PADDOCK	3910	4110	3910 TO 4110	0.210	26	OPEN
B) BLINEBRY	4275	4400	4275 TO 4400	0.210	26	OPEN
C)			4460 TO 4660	0.210	26	OPEN
D)			4720 TO 4920	0.210	26	OPEN

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

Depth Interval	Amount and Type of Material
3910 TO 4110	ACIDIZE W/2900 GAL 15%, FRAC W/125,033 GAL GEL 163,581# 16/30 BROWN + 30,064# 16/30 SIBER
4275 TO 4400	ACIDIZE W/2500 GAL 15%, FRAC W/118,342 GAL GEL 137,226# 16/30 BROWN + 31,536# 16/30 SIBER
4460 TO 4660	ACIDIZE W/2500 GAL 15%, FRAC W/120,047 GAL GEL 136,715 # 16/30 BROWN + 38,335# 16/30 SIBER
4720 TO 4920	ACIDIZE W/2500 GAL 15%, FRAC W/115,232 GALS GEL 139,179# 16/30 BROWN + 22,048# 16/30 SIBER

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
08/06/2012	08/08/2012	24	→	100 0	17 0	1191 0	38 4		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	70 0	→	100	17	1191	170	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 #154179 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

RECLAMATION  
DUE 1-31-13

ACCEPTED FOR RECORD

OCT 28 2012

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

me

## 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	201	762		RUSTLER	201
SALADO	336			TOP SALT	336
YATES	865			YATES	865
SAN ANDRES	2413			SAN ANDRES	2413
GLORIETA	3818			GLORIETA	3818
YESO	3905			YESO	3905

32. Additional remarks (include plugging procedure):  
Logs sent in the mail.

## 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 #154179 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 10/19/2012 (13KMS3492SE)

Name (please print) BRIAN MAIORINO

Title AUTHORIZED REPRESENTATIVE.

Signature (Electronic Submission)

Date 10/10/2012

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 \*\***