

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 <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 29		
3. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701-4287			3a. Phone No. (include area code) Ph: 432-685-4332		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 17 T17S R29E Mer NMP SENW 1890FNL 2300FWL At top prod interval reported below At total depth			9. API Well No. 30-015-37880-00-S1		
14. Date Spudded 09/30/2010			15. Date T.D. Reached 10/06/2010		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/06/2010			17. Elevations (DF, KB, RT, GL)* 3623 GL		
18. Total Depth: MD 5477 TVD 5477			19. Plug Back T.D.: MD 5422 TVD 5422		
20. Depth Bridge Plug Set: MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATEDNEUT		
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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	322		950		0	
11.000	8.625 J-55	24.0	0	867		400		0	
7.875	5.500 J-55	17.0	0	5463		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	4977							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO			3927 TO 4202	0.410	26	OPEN, Paddock
B) PADDOCK	3927	4202	4470 TO 4670	0.410	26	OPEN, Blinbry
C) BLINBRY	5010	5210	4740 TO 4940	0.410	26	OPEN, Blinbry
D)			5010 TO 5210	0.410	26	OPEN, Blinbry

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

Depth Interval	Amount and Type of Material
3927 TO 4202	ACIDIZE W/2,500 GALS 15% ACID.
3927 TO 4202	FRAC W/92,713 GALS GEL, 59,222# 16/30 WHITE SAND, 20,135# 16/30 SIBERPROP SAND.
4470 TO 4670	ACIDIZE W/3,500 GALS 15% ACID.
4470 TO 4670	FRAC W/120,801 GALS GEL, 148,330# 16/30 WHITE SAND, 21,540# 16/30 SIBERPROP SAND.

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
11/14/2010	11/19/2010	24	→	116.0	50.0	462.0	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		→	116	50	462	431	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
11/14/2010	11/19/2010	24	→	116.0	50.0	462.0	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		→	116	50	462		POW	

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #97921 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

OLD - Artesia

RECEIVED  
DEC 09 2010  
NMOCD ARTESIA

M

## 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	858		DOLOMITE & SAND	YATES	858
QUEEN	1701		SAND	QUEEN	1701
SAN ANDRES	2406		DOLOMITE & ANHYDRITE	SAN ANDRES	2406
GLORIETA	3832		SAND & DOLOMITE	GLORIETA	3832
YESO	3920		DOLOMITE & ANHYDRITE		
TUBB	5323		SAND		

## 32. Additional remarks (include plugging procedure):

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

4740-4940 ACIDIZE W/3,500 GALS 15% ACID.

4740-4940 FRAC W/122,514 GALS GEL, 148,145# 16/30 WHITE SAND, 27,657# 16/30 SIBERPROP SAND.

5010-5210 ACIDIZE W/3,500 GALS 15% ACID.

5010-5210 FRAC W/123,043 GALS GEL, 146,850# 16/30 WHITE SAND, 28,340# 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 #97921 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 11/23/2010 (11KMS0277SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 11/22/2010

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 \*\***

**Additional data for transaction #97921 that would not fit on the form**

**32. Additional remarks, continued**

SAND.