

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 <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 type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input checked="" 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 4	
Contact: KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com		9. API Well No. 30-015-35728-00-S1	
3. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701-4287		10. Field and Pool, or Exploratory GRAYBURG JACKSON SR-Q-GRBG-SA	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 17 T17S R29E Mer NMP At surface SENW 2310FNL 2110FWL At top prod interval reported below At total depth		11. Sec., T., R., M., or Block and Survey or Area Sec 17 T17S R29E Mer NMP	
14. Date Spudded 09/06/2007		15. Date T.D. Reached 09/18/2007	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/12/2010		17. Elevations (DF, KB, RT, GL)* 3634 GL	
18. Total Depth: MD 5600 TVD 5600		19. Plug Back T.D.: MD 5560 TVD 5560	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MICROLO CN/GR DS COMPENSATED NEUT	
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	48.0	0	316		450		0	
12.250	8.625	24.0	0	835		500		0	
7.875	5.500	17.0	0	5596		1200		0	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	3504							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SAN ANDRES	3020	3760	3020 TO 3220	0.410	26	OPEN
B) YESO	4300	5160	3290 TO 3490	0.410	26	OPEN
C)			3560 TO 3760	0.410	26	OPEN
D)			3943 TO 5160	0.410	163	CLOSED RBP 3820

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

Depth Interval	Amount and Type of Material
3020 TO 3220	ACIDIZE W/3,000 GALS ACID.
3020 TO 3220	FRAC W/128,194 GALS GEL, 162,483# 16/30 BRADY SAND, 34,768# 16/30 SIBERPROP SAND.
3290 TO 3490	FRAC W/123,731 GALS GEL, 144,339# 16/30 BRADY SAND, 35,782# 16/30 SIBERPROP SAND.
3290 TO 3490	ACIDIZE W/3,500 ACID.FRAC

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
09/14/2010	10/28/2007	24	→	14.0	3.0	419.0	34.5		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	
			→	14	3	419	214	POW	/s/ Roger Hall

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
09/14/2010	10/01/2010	24	→	15.0	26.0	446.0	39.2		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	
			→	15	26	446		POW	

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

ELECTRONIC SUBMISSION #94590 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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	864		DOLOMITE & SAND	YATES	864
QUEEN	1704		SAND	QUEEN	1704
SAN ANDRES	2411		DOLOMITE & ANHYDRITE	SAN ANDRES	2411
GLORIETA	3849		SAND & DOLOMITE	GLORIETA	3849
YESO	3932		DOLOMITE & ANHYDRITE	YESO	3932
TUBB	5325		SAND	TUBB	5325

32. Additional remarks (include plugging procedure):

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

3560 - 3760 Acidize w/3,500 acid.

3560 - 3760 Frac w/123,956 gals gel, 149,282# 16/30 BRADY SAND, 33,242# 16/30 SIBERPROP SAND.

Recomplete to SA. Will eventually DHC to Yeso. DHC-4291

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 #94590 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 10/12/2010 (11KMS0026SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 10/12/2010

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 #94590 that would not fit on the form

26. Perforation Record, continued

Perf Interval	Size	No. Holes	Perf Status
4300 TO 4440		36	2 spf
4510 TO 4710		36	2 spf
4960 TO 5160		60	2 spf

27. Acid, Fracture, Treatment, Cement Squeeze, etc., continued

Depth Interval	Amount and Type of Material
3560 TO 3760	FRAC W/123,956 GALS GEL, 149,282# 16/30 BRADY SAND, 33,242# 16/30 SIBERPROP SAND.
3560 TO 3760	ACIDIZE W/3,500 acid
4300 TO 4440	acidize w/5000 gals acid. Frac w/68906 # 16/30 sand, 4330# LiteProp 14/30
4510 TO 4710	acidize w/5000 gals acid. Frac w/68981 gals gel, 61488# 16/30 sand, 5766# liteprop 14/30
4960 TO 5160	acidize w/ 5000 gals acid. Frac w/69284 gals gel, 61172# 16/30 sand, 5676# Liteprop 14/30.