

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

AUG 16 2010

HORRIS

FORM APPROVED
OMB No 1004-0137
Expires July 31, 2010

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: KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com	
3. Address 550 W TEXAS AVE SUITE 1300 MIDLAND, TX 79701		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 20 T17S R32E Mer NMP NESE 1865FSL 541FEL At top prod interval reported below Sec 20 T17S R32E Mer NMP At total depth NESE 1662FSL 977FEL		8. Lease Name and Well No. GC FEDERAL 38	
14. Date Spudded 04/24/2010		15. Date T.D. Reached 05/06/2010	
16. Date Completed ☐ D & A ☒ Ready to Prod. 05/31/2010		9. API Well No. 30-025-39471-00-S1	
18. Total Depth: MD 7129 TVD 7100		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUT		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	650		700		0	
17.500	13.375 H40	48.0	0	665		650		0	0
11.000	8.625 J55	24.0	0	2100		700		0	
11.000	8.625 J55	32.0	0	2138		600		0	0
7.875	5.500 L80	17.0	0	7121		1100		0	0
7.875	5.500 J55	17.0	0	7137		1100		1900	

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	6549							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO			5444 TO 5550	0.000	26	OPEN
B) PADDOCK	5444	5550	6070 TO 6270	0.000	26	OPEN
C) BLINEBRY	6070	6800	6330 TO 6530	0.000	26	OPEN
D)			6600 TO 6800	0.000	26	OPEN

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

Depth Interval	Amount and Type of Material
5444 TO 5550	ACIDIZE W/2,500 GALS 15% ACID
5444 TO 5550	FRAC W/124,756 GALS GEL, 145,080# 16/30 OTTAWA SAND, 24,138# 16/30 SIBERPROP
6070 TO 6270	ACIDIZE W/3,500 GALS 15% ACID
6070 TO 6270	FRAC W/124,756 GALS GEL, 145,080# 16/30 WHITE SAND, 34,034# 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
06/01/2010	06/25/2010	24	→	132.0	214.0	462.0	35.5	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	
	70	70.0	→	132	214	462	1621	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
06/01/2010	06/25/2010	24	→	132.0	214.0	462.0	35.5	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	
	70	70.0	→	132	214	462		POW	

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

ELECTRONIC SUBMISSION #89544 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

PETROLEUM ENGINEER

AUG 16 2010

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	2071		DOLOMITE & SAND	YATES	2071
QUEEN	3047		SAND	QUEEN	3047
SAN ANDRES	3823		DOLOMITE & ANHYDRITE	SAN ANDRES	3823
GLORIETTA	5319		SAND & DOLOMITE	GLORIETTA	5319
YESO	5438		DOLOMITE & ANHYDRITE	YESO	5438
TUBB	6905		SAND		

32 Additional remarks (include plugging procedure):

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

6330-6530 ACIDIZE W/3,500 GALS 15% ACID.

6330-6530 FRAC W/ 124,667 GALS GEL, 141,329# 16/30 WHITE SAND, 35,055# 16/30 SIBERPROP.

6600-6800 ACIDIZE W/3,500 GALS 15% ACID.

6600-6800 FRAC W/180,965 GALS GEL, 149,155# 16/30 WHITE SAND, 31,810# 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 #89544 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by KURT SIMMONS on 07/15/2010 (10KMS0654SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 07/14/2010

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 ****