

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

SEP 27 2010

HOBBSOCD

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. NMLC029509A		
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			Contact: KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com		
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 SWNE Lot G 2010FNL 1840FEL 32.82173 N Lat, 103.76833 W Lon At top prod interval reported below SWNE Lot G 2010FNL 1840FEL 32.82173 N Lat, 103.76833 W Lon At total depth SWNE Lot G 2010FNL 1840FEL 32.82173 N Lat, 103.76833 W Lon			8. Lease Name and Well No. MC FEDERAL 39		
14. Date Spudded 05/29/2010			15. Date T.D. Reached 06/09/2010		
16. Date Completed ☐ D & A ☒ Ready to Prod. 07/08/2010			9. API Well No. 30-025-39293-00-S1		
18. Total Depth: MD 7040 TVD 7040			19. Plug Back T.D.: MD 6964 TVD 6964		
20. Depth Bridge Plug Set: MD TVD			10. Field and Pool, or Exploratory MALJAMAR		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATEDNEUT			11. Sec., T., R., M., or Block and Survey or Area Sec 21 T17S R32E Mer NMP		
22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☒ No ☐ Yes (Submit analysis)			12. County or Parish LEA		
23. Casing and Liner Record (Report all strings set in well)			13. State NM		
17. Elevations (DF, KB, RT, GL)* 4048 GL					

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	793		650		0	0
11.000	8.625 J55	32.0	0	2137		600		0	0
7.875	5.500 L80	17.0	0	7030		1300		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	6767							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO			5470 TO 5560	0.000	16	OPEN
B) PADDOCK	5470	5560	6040 TO 6240	0.000	26	OPEN
C) BLINEBRY	6580	6780	6310 TO 6510	0.000	26	OPEN
D)			6580 TO 6780	0.000	26	OPEN

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

Depth Interval	Amount and Type of Material
5470 TO 5560	ACIDIZE W/3,000 GALS 15% ACID
5470 TO 5560	FRAC W/103,726 GALS GEL, 126,463# 20/40 OTTAWA SAND, 18,345 SUPER LC.
6040 TO 6240	ACIDIZE W/2,500 GALS 15% ACID.
6040 TO 6240	FRAC W/115,052 GALS GEL, 146,349# 20/40 OTTAWA SAND, 35,446# SUPER LC.

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
07/15/2010	07/19/2010	24	→	164.0	528.0	296.0	55.8		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	70.0	→	164	528	296	3220	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
07/15/2010	07/19/2010	24	→	164.0	528.0	296.0	55.8	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	→	164	528	296		POW	

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

ELECTRONIC SUBMISSION #91358 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT
ELECTRIC PUMPING UNIT

PETROLEUM ENGINEER

SEP 21 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 QUEEN SAN ANDRES GLORIETTA YESO TUBB	2157 3117 3853 5355 5465 6925		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE		

32. Additional remarks (include plugging procedure):

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

6310 - 6510 ACIDIZE W/2,500 GALS 15% ACID.

6310 - 6510 Frac w/119,668 gals gel, 148,144# 20/40 Ottawa sand, 35,269# Super LC.

6580 - 5780 ACIDIZE W/2,500 GALS 15% ACID.

6580 - 5780 FRAC W/115,293 gals gel, 146,136# 20/40 Ottawa sand, 35,398# Super LC.

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 #91358 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by CHERYLE RYAN on 08/18/2010 (10CMR0226SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature _____ (Electronic Submission)

Date 08/18/2010

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 ****