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HOBBSUNITED 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**

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		7. Unit or CA Agreement Name and No.	
Contact KANICIA CARRILLO E-Mail kcarrillo@conchoresources.com		8. Lease Name and Well No. MC FEDERAL 34	
3. Address 550 W TEXAS AVE SUITE 1300 MIDLAND, TX 79701		9. API Well No. 30-025-39002-00-S1	
3a. Phone No (include area code) Ph 432-685-4332		10. Field and Pool, or Exploratory MALJAMAR	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 21 T17S R32E Mer NMP At surface NESE 1530FSL 990FEL 32.84490 N Lat, 103 97108 W Lon At top prod interval reported below At total depth		11. Sec., T., R., M., or Block and Survey or Area Sec 21 T17S R32E Mer NMP	
14. Date Spudded 09/13/2009		15. Date T.D. Reached 09/26/2009	
16. Date Completed ☐ D & A ☒ Ready to Prod 10/18/2009		17. Elevations (DF, KB, RT, GL)* 4033 GL	
18. Total Depth MD 7033 TVD 7033		19. Plug Back T.D. MD 6982 TVD 6982	
20. Depth Bridge Plug Set MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATEDNEUT	
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	828		650		0	0
11.000	8.625 J55	32.0	0	2124		700		0	0
7.875	5.500 L80	17.0	0	7033		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	6722							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO			5482 TO 5550	0.000	20	OPEN
B) PADDOCK	5482	5550	5990 TO 6190	0.000	26	OPEN
C) BLINEBRY	5990	6730	6260 TO 6460	0.000	26	OPEN
D)			6530 TO 6730	0.000	29	OPEN

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

Depth Interval	Amount and Type of Material
5482 TO 5550	ACIDIZE W/3000 GALS 15% ACID.
5482 TO 5550	FRAC W/120,565 GALS GEL, 164,611# 16/30 BASF SAND, 26,325# 16/30 SUPER LC
5990 TO 6190	ACIDIZE W/2500 GALS 15% ACID
5990 TO 6190	FRAC W/ 116,662 GALS GEL, 145,695# 16/30 BASF SAND, 31,885# 16/30 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
10/21/2009	10/24/2009	24	→	153.0	106.0	414.0	40.3	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	→	153	106	414	693	POW	

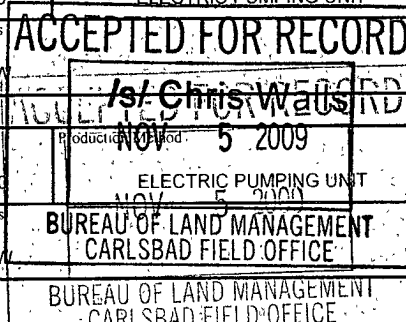
28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
10/21/2009	10/24/2009	24	→	153.0	106.0	414.0	40.3	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	→	153	106	414		POW	

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

ELECTRONIC SUBMISSION #76278 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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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	2159		DOLOMITE & SAND		
QUEEN	3121		SAND		
SAN ANDRES	3893		DOLOMITE & ANHYDRITE		
GLORIETTA	5413		SAND & DOLOMITE		
YESO	5475		DOLOMITE & ANHYDRITE		
TUBB	6913		SAND		

32. Additional remarks (include plugging procedure):

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

6260-6460 ACIDIZE W/2,500 GALS 15% ACID

6260-6460 FRAC W/ 114,132 GALS GEL, 143,859# 16/30 BASF Sand, 34,233# 16/30 SUPER LC.

6530-6730 Acidize w/2,500 gals acid.

6530-6730 Frac w/115,131 gals gel, 148,352# 16/30 BASF sand, 32,735# 16/30 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 #76278 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by KURT SIMMONS on 10/27/2009 (10KMS0085SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 10/26/2009

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 ****