


 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

OCD Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other 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 _____		5. Lease Serial No. NMLC029418B	
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name	
3. Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701		7. Unit or CA Agreement Name and No.	
4. Location of Well (Report location clearly and in accordance with Federal requirements) Sec 11 T17S R31E Mer NMP At surface SENW 1650FNL 1660FWL At top prod interval reported below At total depth		8. Lease Name and Well No. TEX MACK 11 FEDERAL 6	
14. Date Spudded 01/16/2010		15. Date T.D. Reached 01/27/2010	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 02/19/2010		9. API Well No. 30-015-36848-00-S1	
17. Elevations (DF, KB, RT, GL)* 3950 GL		10. Field and Pool, or Exploratory FREN: <u>Gloria-Vad E</u>	
11. Sec., T., R., M., or Block and Survey or Area Sec 11 T17S R31E Mer NMP		12. County or Parish EDDY	
13. State NM		14. Date Completed 02/19/2010	

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18. Total Depth: MD 6852 TVD 6852		19. Plug Back T.D.: MD 6775 TVD 6775		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	670		600		0	
11.000	8.625 J-55	32.0	0	1934		600		0	
7.875	5.500 J-55	17.0	0	6835		1150		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	6276	6276						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5260	5370	5260 TO 5370		16	open
B) BLINEBRY	6330	6530	5790 TO 5990		26	open
C)			6060 TO 6260		26	open
D)			6330 TO 6530		26	open

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

Depth Interval	Amount and Type of Material
5260 TO 5370	3,000 gals acid, Frac w/ 104,765 gals gel, 127,828# sand, 24,471# Super LC
5790 TO 5990	3,500 gals acid, Frac w/ 112,746 gals gel, 147,470# sand, 31,412# 16/30 Siberprop
6060 TO 6260	3,500 gals acid, Frac w/ 113,500 gals gel, 147,998# sand, 32,506 16/30 Siberprop
6330 TO 6530	3,500 gals acid, Frac w/ 116,500 gals gel, 148,500# sand, 30,000 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
02/27/2010	03/01/2010	24	→	127.0	100.0	701.0	37.1	0.60
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	→	127	100	701		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
			→						
Choke Size	Tbg Press. Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #83717 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

ACCEPTED FOR RECORD

APR 3 2010

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE
ELECTRIC PUMPING UNIT

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	1949		DOLOMITE & SAND		
QUEEN	2888		SAND		
SAN ANDRES	3639		DOLOMITE & ANHYDRITE		
GLORIETA	5161		SAND & DOLOMITE		
YESO	5238		DOLOMITE & ANHYDRITE		
TUBB	6581		SAND		

32. Additional remarks (include plugging procedure):

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

6060 - 6260 ACIDIZE W/3,500 GALS 15% ACID.

6060 - 6260 Frac w/ 113,500 gals gel, 147,998# 16/30 Ottawa Sand, 32,506# 16/30 Siberprop.

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

6330 - 6530 Frac w/ 116,500 gals gel, 148,500# 16/30 Ottawa Sand, 30,000# 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 #83717 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 03/30/2010 (10KMS1023SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 03/29/2010

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 #83717 that would not fit on the form

32. Additional remarks, continued