

Form 160-4
(August 2007)

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC029418B

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 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		7. Unit or CA Agreement Name and No.	
2. Name of Operator COG OPERATING LLC		8. Lease Name and Well No. TEX MACK 11 FEDERAL 35	
3. Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701		9. API Well No. 30-015-37667-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 11 T17S R31E Mer NMP At surface Lot M 920FSL 1024FWL At top prod interval reported below At total depth		10. Field and Pool, or Exploratory FREN-GLORIETA-YESO <i>East</i> 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 Spudded 04/22/2010		15. Date T.D. Reached 05/02/2010	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 05/25/2010		17. Elevations (DF, KB, RT, GL)* 3929 GL	
18. Total Depth: MD 6788 TVD 6788		19. Plug Back T.D.: MD 6738 TVD 6738	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 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 type="checkbox"/> No <input checked="" 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	715		500		0	
17.500	13.375 H40	48.0	0	741		588		0	0
11.000	8.625 J-55	24.0	0	1900	765	1150		0	
11.000	8.625 J55	32.0	0	1917		600		0	0
7.875	5.500 L80	17.0	0	6785		1633		0	0
7.875	5.500 J-55	15.5	0	7000	2000	1800		1600	

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	6274							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO			5240 TO 5306	0.410	24	OPEN
B) PADDOCK	5240	5306	5740 TO 5940	0.410	26	OPEN
C) BLINEBRY	5740	6520	6030 TO 6230	0.410	26	OPEN
D)			6320 TO 6520	0.410	26	OPEN

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

Depth Interval	Amount and Type of Material
5240 TO 5306	ACIDIZE W/2,500 GALS 15% ACID.
5240 TO 5306	FRAC W/120,582 GALS GEL, 131,782# 16/30 WHITE SAND.
5740 TO 5940	ACIDIZE W/2,500 GALS 15% ACID.
5740 TO 5940	FRAC W/139,482 GALS GEL, 181,093# 16/30 WHITE SAND.

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
06/07/2010	06/11/2010	24	→	82.0	110.0	911.0	35.5	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 70.0	24 Hr. Rate →	Oil BBL 82	Gas MCF 110	Water BBL 911	Gas:Oil Ratio 1341	Well Status 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
06/07/2010	06/11/2010	24	→	82.0	110.0	911.0	35.5	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 70.0	24 Hr. Rate →	Oil BBL 82	Gas MCF 110	Water BBL 911	Gas:Oil Ratio	Well Status POW	

ACCEPTED FOR RECORD
AUG - 4 2010
ELECTRIC PUMPING UNIT
/s/ Roger Hall
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #89594 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	1924		DOLOMITE & SAND	YATES	1924
QUEEN	2871		SAND	QUEEN	2871
SAN ANDRES	3624		DOLOMITE & ANHYDRITE	SAN ANDRES	3624
GLORIETA	5150		SAND & DOLOMITE	GLORIETA	5150
YESO	5231		DOLOMITE & ANHYDRITE		
TUBB	6602		SAND		

32. Additional remarks (include plugging procedure):

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

6030 - 6230 ACIDIZE W/2,500 GALS 15% ACID.

6030 - 6230 FRAC W/ 118,608 GALS GEL, 177,375# 16/30 WHITE SAND.

6320 - 6520 ACIDIZE W/2,500 GALS 15% ACID.

6320 - 6520 FRAC W/ 140,028 GALS GEL, 177,403# 16/30 WHITE SAND.

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 #89594 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 07/16/2010 (10KMS1801SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 07/15/2010

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 ** REVISED **