


 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 ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		5 Lease Serial No NMLC029418B	
b Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Résvr. Other		6 If Indian, Allottee or Tribe Name	
2 Name of Operator COG OPERATING LLC		7 Unit or CA Agreement Name and No	
3 Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701		8 Lease Name and Well No. TEX MACK 11 FEDERAL 4	
3a Phone No. (include area code) Ph: 432-885-4632		9 API Well No. 30-015-36836-00-S1	
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWSW 2310FSL 530FWL At top prod interval reported below At total depth		10 Field and Pool, or Exploratory FREN, Gloria YES	
14 Date Spudded 08/28/2009		15 Date T.D. Reached 09/07/2009	
16 Date Completed ☐ D & A ☒ Ready to Prod 10/01/2009		17 Elevations (DF, KB, RT, GL)* 3932 GL	
18 Total Depth MD 6822 TVD 6822		19 Plug Back T.D. MD 6756 TVD 6756	
20 Depth Bridge Plug Set: MD TVD		21 Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL	
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 Sks. & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	48.0	0	628		550		0	0
11.000	8.625 J55	32.0	0	1898		600		0	0
7.875	5.500 J55	17.0	0	6822		1100		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	6298							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) GLORIETA YESO			5750 TO 5950	0.410	26	OPEN
B) BLINEBRY	6310	6510	6040 TO 6240	0.410	26	OPEN
C)			6310 TO 6510	0.410	29	OPEN
D)						

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

Depth Interval	Amount and Type of Material
5750 TO 5950	ACIDIZE W/3,500 GALS 15% ACID
5750 TO 5950	FRAC W/126,425 GALS GEL, 150,925# 16/30 WHITE SAND, 33,017# 16/30 SIBERPROP.
6040 TO 6240	ACIDIZE W/3,500 GALS 15% ACID
6040 TO 6240	FRAC W/ 124,488 GALS GEL, 149,343# 16/30 WHITE SAND, 30,638# 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
10/09/2009	10/10/2009	24	→	13.0	20.0	566.0	38.6	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	→	13	20	566	1538	POW	

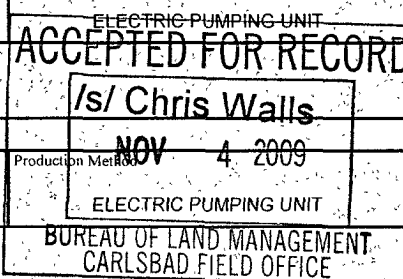
28a Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
10/09/2009	10/10/2009	24	→	13.0	20.0	566.0	38.6	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	→	13	20	566		POW	

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

ELECTRONIC SUBMISSION #75963 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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



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 GLORIETA YESO TUBB	1916 2859 3619 5119 5329 6576		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE SAND		

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/ 124,010 gals gel, 146,795# 16/30 White Sand, 30,369# 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 #75963 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 10/20/2009 (10KMS0143SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 10/20/2009

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 ** REVISED **