

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUL 27 2009

OCD Artesia

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 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 3		
Contact KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com					
3 Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701			9. API Well No 30-015-36835-00-S1		
3a Phone No (include area code) Ph: 432-685-4332					
4 Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 11 T17S R31E Mer NMP At surface NWNW 330FNL 330FWL At top prod interval reported below At total depth			10 Field and Pool, or Exploratory FREN		
			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 05/18/2009		15 Date T.D. Reached 05/30/2009	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/22/2009		17 Elevations (DF, KB, RT, GL)* 3956 GL
18 Total Depth. MD 6805 TVD 6805		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) CNL				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	W.L. (#/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 H-40	48.0	0	668		550		0	
11.000	8 625 J-55	32.0	0	1930		600		0	
7 875	5.500 J-55	17.0	0	6805		1200		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	6143							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA-YESO			5620 TO 5820	0.410	36	OPEN
B) BLINEBRY	5620	6380	5890 TO 6090	0.410	36	OPEN
C)			6180 TO 6380	0.410	48	OPEN
D)						

26 Perforation Record

27 Acid, Fracture, Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
5620 TO 5820	FRAC W/125,000 GALS GEL, 1,655# 16/30 SAND, 15283# SIBERPROP
5620 TO 5820	ACIDIZE W/2500 GALS 15% ACID
5890 TO 6090	ACIDIZE W/2,500 GALS 15% ACID
5890 TO 6090	FRAC W/ 125,037 GALS GEL, 159,994# 16/30 OTTAWA SAND, 42,845# CRC

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
06/26/2009	06/26/2009	24	→	76.0	70.0	211.0	37.5	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	→	76	70	211	921	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
06/26/2009	06/26/2009	24	→	76.0	70.0	211.0	37.5	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	→	76	70	211		POW	

ACCEPTED FOR RECORD
ELECTRIC PUMPING UNIT

JUL 22 2009

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #71740 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	1939 2876 3615 5130 5180	5130 5180	DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE	YATES QUEEN SAN ANDRES GLORIETA YESO	1939 2876 3615 5130 5180

32. Additional remarks (include plugging procedure):

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

6340-6540 ACIDIZE W/2500 GALS 15% ACID.

6340-6540 FRAC W/ 125,727 GALS GEL, 158,573# 16/30 Ottawa SAND, 46,263# CRC sand.

6610-6810 ACIDIZE W/2500 GALS 15% ACID.

6610-6810 FRAC W/88,894 GALS GEL, 104,735# 16/30 Ottawa 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 #71740 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 07/08/2009 (09KMS1724SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 07/07/2009

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 ****

Additional data for transaction #71740 that would not fit on the form

32. Additional remarks, continued