

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**  
OCD Artesia  
FEB 12 2013  
NMOC D ARTESIA

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMNM125007

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
 Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
COG OPERATING LLC  
Contact: KANICIA CASTILLO  
E-Mail: kcastillo@concho.com

8. Lease Name and Well No.  
SUBMARINE 11 FED COM 2H

3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE  
MIDLAND, TX 79701  
3a. Phone No. (include area code)  
Ph: 432-685-4332

9. API Well No.  
30-015-40359-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface Sec 11 T17S R29E Mer NMP  
NWNW 945FNL 155FVL  
 At top prod interval reported below  
 Sec 11 T17S R29E Mer NMP  
 At total depth NENE 960FNL 351FEL

10. Field and Pool, or Exploratory  
DODD - GLORIETA-UPPER YESO

11. Sec., T., R., M., or Block and Survey  
or Area Sec 11 T17S R29E Mer NMP

12. County or Parish  
EDDY  
13. State  
NM

14. Date Spudded  
09/13/2012  
15. Date T.D. Reached  
09/29/2012  
16. Date Completed  
 D & A  Ready to Prod.  
11/02/2012

17. Elevations (DF, KB, RT, GL)\*  
3629 GL

18. Total Depth: MD 9842 TVD 5225  
19. Plug Back T.D.: MD 9842 TVD 5225  
20. Depth Bridge Plug Set: MD TVD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CN  
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 H-40	48.0	0	261		1550		0	
12.250	9.625 J-55	40.0	0	1359		650		0	
8.750	7.000 L-80	26.0	0	4676					
7.875	5.500 L-80	17.0	4676	9740	4716	900		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		4664						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5742	9699	5742 TO 9699	3.000	16	OPEN FRAC PORTS
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5742 TO 9699	ACIDIZED W/ 28,855 GALS 15% ACID. FRAC W/117,362 GALS WTRFRAC, 1,313,664 GALS GEL.
5742 TO 9699	40,260# 100 MESH SAND, 1,559,815# 16/30 BROWN SAND, 202,000# CRC.

**RECLAMATION**  
**DUE 5-2-13**

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
11/11/2012	11/13/2012	24	→	163.0	240.0	454.0	36.8	0.60	ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	70	70.0	→	163	240	454	1472	POW	

**ACCEPTED FOR RECORD**

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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

(See Instructions and spaces for additional data on reverse side)  
 ELECTRONIC SUBMISSION #193732 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED**  
 BLM MANAGEMENT  
 CARLSBAD FIELD OFFICE

**FEB 9 2013**  
 [Signature]  
 [Signature]

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
RUSTLER	242	660	ANHYDRITE SALT DOLOMITE SANDSTONE & DOLOMITE DOLOMITE & LIMESTONE	RUSTLER	242
SALADO	402			TOP SALT	660
YATES	991			YATES	991
QUEEN	1844			QUEEN	1844
SAN ANDRES	2564			SAN ANDRES	2564
YESO	4070			YESO	4070

32. Additional remarks (include plugging procedure):  
Logs will be mailed.

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 #193732 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 02/06/2013 (13KMS4792SE)**

Name (please print) KANICIA CASTILLO Title PREPARER

Signature \_\_\_\_\_ (Electronic Submission) Date 02/01/2013

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 \*\***