

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
FEB 26 2013
NMCCD-ARTESIA

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Lease Serial No.
NMLC068722

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 10 FED COM 4H

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.
30-015-40545-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **Sec 10 T17S R29E Mer NMP SENE 2285FNL 40FEL**
 At top prod interval reported below
Sec 10 T17S R29E Mer NMP
 At total depth **SWNW 2307FNL 342FVL**

10. Field and Pool, or Exploratory
DODD - GLORIETA-UPPER YESO
 11. Sec., T., R., M., or Block and Survey
 or Area **Sec 10 T17S R29E Mer NMP**
 12. County or Parish **EDDY** 13. State **NM**

14. Date Spudded **11/17/2012** 15. Date T.D. Reached **12/02/2012** 16. Date Completed
 D & A Ready to Prod.
11/23/2012

17. Elevations (DF, KB, RT, GL)*
3621 GL

18. Total Depth: MD **9941** TVD **5119** 19. Plug Back T.D.: MD **9941** TVD **5119** 20. Depth Bridge Plug Set: MD **9941** TVD **5119**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
3621 GL

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	377		1000		0	
12.250	9.625 J-55	40.0	0	1350		650		0	
8.750	7.000 L-80	26.0	0	4603					
7.875	5.500 L-80	17.0	4603	9836	4650	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		4550						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5538	9787	5538 TO 9787	3.000	17	OPEN FRAC PORTS
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5538 TO 9787	ACIDIZED W/ 40,631 GALS 15% ACID. FRAC W/189,355 GALS WTRFRAC, 1,402,757 GALS GEL.
5538 TO 9787	39,149# 100 MESH SAND, 1,607,683# 16/30 BROWN SAND, 260,230# CRC.

RECLAMATION
DATE 5-23-13

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
01/29/2013	02/07/2013	24	→	148.0	218.0	654.0	36.8	0.60	ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 70	24 Hr. Rate →	Oil BBL 148	Gas MCF 218	Water BBL 654	Gas:Oil Ratio 1472	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
			→						
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 #198854 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

ACCEPTED FOR RECORD
 FEB 23 2013
 BUREAU OF LAND MANAGEMENT
 CARLSBAD FIELD OFFICE
[Signature]

[Handwritten mark]

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	328	842	ANHYDRITE SALT DOLOMITE SANDSTONE & DOLOMITE DOLOMITE & LIMESTONE SANDSTONE DOLOMITE & ANHYDRITE	RUSTLER	328
SALADO	651			TOP SALT	651
YATES	980			YATES	980
QUEEN	1846			QUEEN	1846
SAN ANDRES	2557			SAN ANDRES	2557
GLORIETA	3959			GLORIETA	3959
YESO	4019			YESO	4019

32. Additional remarks (include plugging procedure):

Logs will be mailed.
DHC-4567
46. Continued:
Allocation per order:

Dodd-Glorieta-Upper Yeso 75% oil, 75% gas.
Empire Glorieta-Yeso, East 25% oil, 25% gas.

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 #198854 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 02/15/2013 (13KMS4991SE)**

Name (please print) KANICIA CASTILLO Title PREPARER

Signature _____ (Electronic Submission) Date 02/13/2013

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.

Additional data for transaction #198854 that would not fit on the form

32. Additional remarks, continued

This well is completed in the Yeso but part of the lateral goes into a different yeso pool. Please see attached C102.