

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FEB 26 2013

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 <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			Contact: KANICIA CASTILLO E-Mail: kcastillo@concho.com		
3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701			3a. Phone No. (include area code) Ph: 432-685-4332		
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			8. Lease Name and Well No. SUBMARINE 10 FED COM 4H		
14. Date Spudded 11/17/2012			15. Date T.D. Reached 12/02/2012		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/23/2012			9. API Well No. 30-015-40545-00-S1		
17. Elevations (DF, KB, RT, GL)* 3621 GL			10. Field and Pool, or Exploratory DODD - GLORIETA-UPPER YESO		
18. Total Depth: MD 9941 TVD 5119			19. Plug Back T.D.: MD 9941 TVD 5119		
20. Depth Bridge Plug Set: MD TVD			11. Sec., T., R., M., or Block and Survey or Area Sec 10 T17S R29E Mer NMP		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 3621 GL			12. County or Parish EDDY		
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)			13. State NM		

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

26. Perforation Record

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

DUE 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. 70.0	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 **

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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.)

5. Sundry Notice for plugging and cement verification

2. Geologic Report

6. Core Analysis

3. DST Report

7 Other:

4. Directional Survey

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.

** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

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.