

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**  
SEP 25 2013  
OCD Artesia  
NMOCD ARTESIA

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMNM013814

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

2. Name of Operator: COG OPERATING LLC  
 Contact: KANICIA CASTILLO  
 E-Mail: kcastillo@conchoresources.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 SWNW 2310FNL 330FWL  
 At top prod interval reported below SWNW 2310FNL 330FWL  
 At total depth SENE 2247FNL 341FEL

6. If Indian, Allottee or Tribe Name  
 7. Unit or CA Agreement Name and No.  
 8. Lease Name and Well No.  
 TWELVE-PACK FEDERAL COM LBB 4H  
 9. API Well No.  
 30-015-40966-00-S1  
 10. Field and Pool, or Exploratory  
 LOCO HILLS  
 11. Sec., T., R., M., or Block and Survey  
 or Area Sec 6 T17S R30E Mer NMP  
 12. County or Parish  
 EDDY  
 13. State  
 NM  
 14. Date Spudded  
 02/27/2013  
 15. Date T.D. Reached  
 03/12/2013  
 16. Date Completed  
 D & A  Ready to Prod.  
 04/19/2013  
 17. Elevations (DF, KB, RT, GL)\*  
 3684 GL  
 18. Total Depth: MD 9770 TVD 5382  
 19. Plug Back T.D.: MD 9722 TVD 5334  
 20. Depth Bridge Plug Set: MD 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	415		450		0	
12.250	9.625 J-55	40.0	0	1180		550		0	
8.750	7.000 L-80	26.0	0	4803		800		0	
7.875	5.500 P-110	17.0	4805	9724	4849	1000		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	4851							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5733	9675	5733 TO 9675		17	OPEN SLEEVES
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5733 TO 9675	ACIDIZE W/46,649 GALS NEFE 15% . FRAC W/21,052 GALS TREATED WTR, 169,480 GALS WF, 1,469,756 GALS
5733 TO 9675	GEL, 48,757# 100 MESH, 1,811,728# 16/30 BRADY SND, 289,287# 16/30 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
04/27/2013	05/04/2013	24	→	83.0	100.0	780.0	35.5	0.60	ELECTRIC PUMP SUB-SURFACE
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	→	83	100	780	1204	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	
			→						

**ACCEPTED FOR RECORD**  
 SEP 22 2013  
 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.)  
FLARED

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	334	940	ANHYDRITE SALT DOLOMITE SANDSTONE & DOLOMITE DOLOMITE & LIMESTONE SANDSTONE DOLOMITE & ANHYDRITE	RUSTLER	334
SALADO	550			TOP SALT	550
YATES	1163			YATES	1163
QUEEN	2035			QUEEN	2035
SAN ANDRES	2771			SAN ANDRES	2771
GLORIETA	4193			GLORIETA	4193
YESO	4259			YESO	4259

32. Additional remarks (include plugging procedure):  
Waiting on DCP to connect gas line.  
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 #220382 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMS for processing by KURT SIMMONS on 09/20/2013 (13KMS7351SE)

Name (please print) KANICIA CASTILLO Title PREPARER

Signature \_\_\_\_\_ (Electronic Submission) Date 09/18/2013

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.