

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

AUG 20 2013

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM0315712

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
COG OPERATING LLC  
Contact: ROBYN M ODOM  
E-Mail: rodom@concho.com

8. Lease Name and Well No.  
BRANEX-COG FEDERAL 13

3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE  
MIDLAND, TX 79701-4287

3a. Phone No. (include area code)  
Ph: 432-685-4385

9. API Well No.  
30-025-40980-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface NESW 1650FSL 2310FWL  
At top prod interval reported below NESW 1650FSL 2310FWL  
At total depth NESW 1650FSL 2310FWL

10. Field and Pool, or Exploratory  
MALJAMAR

11. Sec., T., R., M., or Block and Survey  
or Area Sec 9 T17S R32E Mer NMP

12. County or Parish  
LEA

13. State  
NM

14. Date Spudded  
03/14/2013

15. Date T.D. Reached  
03/22/2013

16. Date Completed  
 D & A  Ready to Prod.  
04/17/2013

17. Elevations (DF, KB, RT, GL)\*  
4076 GL

18. Total Depth: MD 7034  
TVD

19. Plug Back T.D.: MD 6941  
TVD

20. Depth Bridge Plug Set: MD  
TVD

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

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	945		850		0	
11.000	8.625 J-55	32.0	0	2275		775		0	
7.875	5.500 L-80	17.0	0	7019		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		5664						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5530	5780	5530 TO 5780		26	OPEN
B) YESO	6520	6728	5920 TO 6120		26	OPEN
C)			6220 TO 6420		26	OPEN
D)			6520 TO 6728		26	OPEN

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

Depth Interval	Amount and Type of Material
5530 TO 5780	ACIDIZE W/2,000 GALS 15% ACID. FRAC W/104,158 GALS GEL, 113,452# 16/30 WHITE SAND, 25,125# SIBERPROP
5920 TO 6120	ACIDIZE W/2,000 GALS 15% ACID. FRAC W/112,297 GALS GEL, 146,598# 16/30 WHITE SAND, 27,575# SIBERPROP
6220 TO 6420	ACIDIZE W/2,000 GALS 15% ACID. FRAC W/123,034 GALS GEL, 148,481# 16/30 WHITE SAND, 30,188# SIBERPROP
6520 TO 6728	ACIDIZE W/2,000 GALS 15% ACID. FRAC W/114,411 GALS GEL, 149,216# 16/30 WHITE SAND, 30,744# SIBERPROP

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
04/21/2013	05/06/2013	24	→	71.0	74.0	504.0	38.1	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI		75.0	→	71	74	504	1042	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
			→						BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE
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 #216750 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\*

NOV 12 2013

KZ

RECLAMATION  
DUE 10-17-13

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	904	2082	ANHYDRITE	RUSTLER	904
SALADO	1266		SALT	TOP OF SALT	1266
YATES	2228		SANDSTONE	YATES	2228
QUEEN	3214		SANDSTONE & DOLOMITE	QUEEN	3214
SAN ANDRES	3944		SANDSTONE & DOLOMITE	SAN ANDRES	3944
GLORIETTA	5449		SANDSTONE	GLORIETTA	5449
YESO	5503		DOLOMITE & ANHYDRITE	YESO	5503
TUBB	6862		SAND	TUBB	6862

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 #216750 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Hobbs  
Committed to AFMSS for processing by JOHNNY DICKERSON on 08/15/2013 (13JLD0569SE)**

Name (please print) ROBYN M ODOM Title PERSON RESPONSIBLE

Signature \_\_\_\_\_ (Electronic Submission) Date 08/12/2013

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.