

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

OCT 17 2013

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

5. Lease Serial No.
NMLC028784C

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.
NMNM88525X

2. Name of Operator
COG OPERATING LLC

Contact: CHASITY JACKSON
E-Mail: cjackson@concho.com

8. Lease Name and Well No.
BURCH KEELY UNIT 933H

3. Address ONE CONCHO CENTER 600 WEST ILLINOIS AVENUE
MIDLAND, TX 79701

3a. Phone No. (include area code)
Ph: 432-686-3087

9. API Well No.
30-015-40970

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 2290FNL 357FEL

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

11. Sec., T., R., M., or Block and Survey
or Area Sec 13 T17S R29E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
05/15/2013

15. Date T.D. Reached
05/28/2013

16. Date Completed
☐ D & A ☒ Ready to Prod.
07/10/2013

17. Elevations (DF, KB, RT, GL)*
3625 GL

18. Total Depth: MD 9290
TVD 4884

19. Plug Back T.D.: MD 9168
TVD 4916

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPENSATED NEUTRON/SPEC GR

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 H40	48.0		304		400			
12.250	9.625 J55	40.0		1108		500			
8.750	7.000 L80	26.0	0	4334		0			
7.875	5.500 L80	17.0	4334	9280		1300			

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	4342							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5256	9130	5256 TO 9130	0.410	324	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5256 TO 5554	ACIDIZE W/4302 GALS 15% NEFE. FRAC W/201,158 GALS GEL, 5,862 GALS WF, 20,979 GALS SW,
5256 TO 5554	255,156# 20/40 BROWN SAND, 40,284# 16/30 CRC, 5,011# 100 MESH.
5707 TO 6001	ACIDIZE W/4080 GALS 15% NEFE. FRAC W/203,418 GALS GEL, 6,322 GALS WF, 21,010 GALS SW,
5707 TO 6001	254,941# 20/40 BROWN SAND, 47,705# 16/30 CRC, 5,121# 100 MESH.

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
07/15/2013	07/16/2013	24	→	116.0	81.0	412.0	40.4	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
		70.0	→	116	81	412	698	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
			→					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

Due to current US Government shut-down, this form is being 'Accepted for Record Only' by NMOCD. / LRD

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #222805 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

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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	278	870	ANHYDRITE	RUSTLER	278
SALADO	500		SALT	SALT	500
YATES	1033		SANDSTONE	YATES	1033
QUEEN	1917		SANDSTONE & DOLOMITE	QUEEN	1917
SAN ANDRES	2622		DOLOMITE & LIMESTONE	SAN ANDRES	2622
GLORIETA	4037		SANDSTONE	GLORIETA	4037
YESO	4108		DOLOMITE & ANHYDRITE	YESO	4108

32. Additional remarks (include plugging procedure):

ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. CONTINUED...

6150 - 6448 ACIDIZE W/3987 GALS 15% NEFE. FRAC W/201,838 GALS GEL, 6,756 GALS WF, 21,811 GALS SW, 254,758# 20/40 BROWN SAND, 46,960# 16/30 CRC, 5,110# 100 MESH.

6597 - 6898 ACIDIZE W/4106 GALS 15% NEFE. FRAC W/202,491 GALS GEL, 7,203 GALS WF, 21,365 GALS SW, 254,963# 20/40 BROWN SAND, 45,649# 16/30 CRC, 5,189# 100 MESH.

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 #222805 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 10/14/2013

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.

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Additional data for transaction #222805 that would not fit on the form

32. Additional remarks, continued

7044 - 7342 ACIDIZE W/4080 GALS 15% NEFE. FRAC W/200,803 GALS GEL, 7,652 GALS WF, 22,659 GALS SW, 254,913# 20/40 BROWN SAND, 45,162# 16/30 CRC, 5,179# 100 MESH.

7491 - 7789 ACIDIZE W/4073 GALS 15% NEFE. FRAC W/202,666 GALS GEL, 8036 GALS WF, 22,752 GALS SW, 254,838# 20/40 BROWN SAND, 43,957# 16/30 CRC, 5,155# 100 MESH.

7938 - 8236 ACIDIZE W/4014 GALS 15% NEFE. FRAC W/172,280 GALS GEL, 8,502 GALS WF, 23,716 GALS SW, 255,127# 20/40 BROWN SAND, 43,863# 16/30 CRC, 5,018# 100 MESH.

8381 - 8683 ACIDIZE W/3982 GALS 15% NEFE. FRAC W/202,916 GALS GEL, 8,937 GALS WF, 23,386 GALS SW, 255,268# 20/40 BROWN SAND, 44,131# 16/30 CRC, 5,210# 100 MESH.

8832 - 9130 ACIDIZE W/2005 GALS 15% NEFE. FRAC W/203,426 GALS GEL, 9,360 GALS WF, 11,434 GALS SW, 254,473# 20/40 BROWN SAND, 44,537# 16/30 CRC, 5,309# 100 MESH.

Logs will be mailed.