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Form 3160-4  
 (August 2007)

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

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 930H

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

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

9. API Well No.  
 30-015-40969-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface NWNW 240FNL 490FWL  
 At top prod interval reported below NWNW 240FNL 490FWL  
 At total depth NENE 340FNL 341FEL

10. Field and Pool, or Exploratory  
 BURCH KEELY-GLORIETA-UPPER YES

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  
 04/23/2013

15. Date T.D. Reached  
 05/10/2013

16. Date Completed  
 D & A  Ready to Prod.  
 06/28/2013

18. Total Depth: MD 9173  
 TVD 4886

19. Plug Back T.D.: MD 9060  
 TVD 9060

20. Depth Bridge Plug Set: MD  
 TVD

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

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	318		400		0	
12.250	9.625 J-55	40.0	0	1137		500		0	
8.750	7.000 L-80	26.0	0	4293				0	
7.875	5.500 L80	17.0	4293	9155		900			

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	4313							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5232	9004	5232 TO 9004	0.410	288	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5232 TO 5560	ACIDIZE W/4129 GALS 15% NEFE.
5232 TO 5560	FRAC W/216,884 GALS GEL, 22,717 SW, 261,524# 20/40 BROWN SAND, 64,204# 16/30 CRC, 4,989# 100 MESH.
5724 TO 6052	ACIDIZE W/3864 GALS 15% NEFE.
5724 TO 6052	FRAC W/212,094 GALS GEL, 22,553 SW, 255,995# 20/40 BROWN SAND, 48,304# 16/30 CRC, 5,766# 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
06/29/2013	07/02/2013	24	→	160.0	118.0	987.0	40.0	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 70.0	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	160	118	987	738	FLOW	

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

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

ELECTRONIC SUBMISSION #219815 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

RECLAMATION  
 DUE 12-28-13

9

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	243	895	ANHYDRITE SALT SANDSTONE SANDSTONE & DOLOMITE DOLOMITE & LIMESTONE SANDSTONE DOLOMITE & ANHYDRITE	RUSTLER	243
SALADO	399			TOP SALT	399
YATES	1072			YATES	1072
QUEEN	1942			QUEEN	1942
SAN ANDRES	2707			SAN ANDRES	2707
GLORIETA	4091			GLORIETA	4091
YESO	4152			YESO	4152

32. Additional remarks (include plugging procedure):

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

6216 - 6547 ACIDIZE W/3568 GALS 15% NEFE. FRAC W/214,347 GALS GEL, 23,256 SW, 261,339#  
20/40 BROWN SAND, 47,295# 16/30 CRC, 5,588# 100 MESH.

6708 - 7036 ACIDIZE W/4011 GALS 15% NEFE. FRAC W/214,334 GALS GEL, 24,155 SW, 256,413#  
20/40 BROWN SAND, 47,182# 16/30 CRC, 4,275# 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 #219815 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 09/18/2013 (13KMS7282SE)

Name (please print) CHASITY JACKSON Title PREPARER

Signature \_\_\_\_\_ (Electronic Submission) Date 09/11/2013

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 #219815 that would not fit on the form**

**32. Additional remarks, continued**

7200 - 7528 ACIDIZE W/4101 GALS 15% NEFE. FRAC W/211,053 GALS GEL, 23,444 SW, 257,861#  
20/40 BROWN SAND, 45,362# 16/30 CRC, 6,006# 100 MESH.

7692 - 8020 ACIDIZE W/4002 GALS 15% NEFE. FRAC W/214,006 GALS GEL, 23,747 SW, 259,106#  
20/40 BROWN SAND, 49,750# 16/30 CRC, 5,339# 100 MESH.

8184 - 8512 ACIDIZE W/4058 GALS 15% NEFE. FRAC W/213,914 GALS GEL, 24,600 SW, 257,937#  
20/40 BROWN SAND, 50,084# 16/30 CRC, 4,722# 100 MESH.

8679 - 9004 ACIDIZE W/2002 GALS 15% NEFE. FRAC W/212,093 GALS GEL, 10,013 SW, 246,466#  
20/40 BROWN SAND, 51,310# 16/30 CRC, 4,750# 100 MESH.

Logs will be mailed.