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Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC028793A

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: ROBYN M ODOM
E-Mail: rodom@conchoresources.com

8. Lease Name and Well No.
BURCH KEELY UNIT 651

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

3a. Phone No. (include area code)
Ph: 432.685.4385

9. API Well No.
30-015-40278-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface Lot 2 1474FNL 922FWL

At top prod interval reported below Lot 2 1474FNL 922FWL

At total depth SWNW 1663FNL 974FWL

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

11. Sec., T., R., M., or Block and Survey
or Area Sec 19 T17S R30E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
07/05/2013

15. Date T.D. Reached
07/11/2013

16. Date Completed
☐ D & A ☒ Ready to Prod.
08/11/2013

17. Elevations (DF, KB, RT, GL)*
3624 GL

18. Total Depth: MD 4672
TVD 4666

19. Plug Back T.D.: MD 4609
TVD 4609

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPENSATED NEUT HNGS

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 H40	48.0	0	263		400		0	
11.000	8.625 J55	24.0	0	1073		500		0	
7.875	5.500 J55	17.0	0	4662		1050		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	4569							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4189	4464	4189 TO 4464		26	OPEN PADDOCK
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
4189 TO 4464	ACIDIZE W/2,0000 GALS 15% ACID, FRAC W/107,014 GALS GEL, 114,071# 16/30 BROWN SAND, 9,562# 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
08/15/2013	08/21/2013	24	→	61.0	137.0	137.0	41.0	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 75.0	24 Hr. Rate →	Oil BBL 61	Gas MCF 137	Water BBL 137	Gas:Oil Ratio 2246	Well Status POW	NOV 3 2013

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
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #221782 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

RECLAMATION
DUE 2-11-14

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	269	941	ANHYDRITE	RUSTLER	269
SALADO	369		SALT	SALADO	369
YATES	1069		SANDSTONE	YATES	1069
QUEEN	1968		SANDSTONE & DOLOMITE	QUEEN	1968
GRAYBURG	2357		SANDSTONE & DOLOMITE	GRAYBURG	2357
GLORIETA	4124		SANDSTONE	GLORIETA	4124
PADDOCK	4198		DOLOMITE & ANHYDRITE	PADDOCK	4198

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 #221782 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by JUNE CARRASCO on 10/25/2013 (14JNC0155SE)

Name (please print) ROBYN M ODOM

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 10/01/2013

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 **

