

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC028784B

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 931H

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

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

9. API Well No.
30-015-42761

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface Sec 13 T17S R29E Mer NMP
NWNW 820FNL 300FWL
At top prod interval reported below Sec 13 T17S R29E Mer NMP
NWNW 820FNL 300FWL
Sec 18 T17S R30E Mer NMP
At total depth Lot 1 950FNL 472FWL

10. Field and Pool, or Exploratory
BURCH KEELY

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
08/09/2015

15. Date T.D. Reached
08/28/2015

16. Date Completed
☐ D & A ☒ Ready to Prod.
10/20/2015

17. Elevations (DF, KB, RT, GL)*
3635 GL

18. Total Depth: MD 10180
TVD 4905

19. Plug Back T.D.: MD 10093
TVD 10093

20. Depth Bridge Plug Set: MD
TVD

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

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 J55	54.5		294		400			
12.250	9.625 J55	40.0		1010		550			
8.750	7.000 L80	29.0		4370		1900			
7.875	5.500 L80	17.0	4370	10160					

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	4355							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5138	10073	5138 TO 10073	0.430	576	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5138 TO 10073	ACIDIZE W/62,909 GALS 15% HCL. FRAC W/1,962,144 GALS GEL, 118,605 GALS WF R3, 172,524 GALS WF R9
5138 TO 10073	237,088 GALS TREATED WATER, 3,998,143# 20/40 WHITE SAND, 753,093# 20/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
10/29/2015	10/30/2015	24	→	317.0	658.0	882.0	38.6	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	
			→	317	658	882	2075	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	
			→						

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

ELECTRONIC SUBMISSION #325482 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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
TANSIL	950		LIMESTONE & DOLOMITE	TANSILL	950
YATES	1053		SANDSTONE	YATES	1053
QUEEN	1946		SANDSTONE & DOLOMITE	QUEEN	1946
GRAYBURG	2345		SANDSTONE & DOLOMITE	GRAYBURG	2345
SAN ANDRES	2646		DOLOMITE & LIMESTONE	SAN ANDRES	2646
GLORIETA	4054		SANDSTONE	GLORIETA	4054
PADDOCK	4126			PADDOCK	4126
BLINEBRY	4579			BLINEBRY	4579

32. Additional remarks (include plugging procedure):
Log 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 #325482 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 12/03/2015

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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