Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD
NM OIL CONSERVATION
Artesia DISTRICT
MAR 13 2017
RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMLC058181

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.

2. Name of Operator: COG OPERATING LLC — Contact: KANICIA CASTILLO — E-Mail: kcastillo@concho.com

8. Lease Name and Well No.: BEECH 25 FEDERAL 12H

3. Address: 600 W ILLINOIS AVENUE, MIDLAND, TX 79701

3a. Phone No. (include area code): Ph: 432-685-4332

9. API Well No.: 30-015-43181-00-S1

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

At surface: SWSW 481FSL 237FWL

At top prod interval reported below: SWSW 390FSL 330FWL

At total depth: SWSE 398FSL 1678FEL

10. Field and Pool, or Exploratory: RED LAKE-GLORIETA-YESO

11. Sec., T., R., M., or Block and Survey or Area: Sec 25 T17S R27E Mer NMP

12. County or Parish: EDDY

13. State: NM

14. Date Spudded: 09/27/2016

15. Date T.D. Reached: 10/05/2016

16. Date Completed: ☐ D & A ☒ Ready to Prod. 11/24/2016

17. Elevations (DF, KB, RT, GL)*: 3586 GL

18. Total Depth: MD 7277 TVD 3973

19. Plug Back T.D.: MD 7210 TVD 3973

20. Depth Bridge Plug Set: MD TVD

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

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 J-55	54.5	0	360		1025		0	
12.250	9.625 J-55	40.0	0	1010		375		0	
8.750	7.000 L-80	29.0	0	3301				0	
8.750	5.000 L-80	17.0	3301	7277		2100		3301	

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	4060							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	GLORIETA YESO	4190	7190	4190 TO 7190	0.430	612	OPEN - Yeso
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
4190 TO 7190	ACIDIZE W/ 66,455 15% ACID, FRAC W/ 148,260 GALS TREATED WATER, 3,219,300 GALS SLICK WATER,

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
11/24/2016	11/28/2016	24	→	202.0	129.0	2156.0	39.4	0.60	ELECTRIC PUMP SUB-SURFACE

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
		70.0	→	202	129	2156	638	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
			→					

ACCEPTED FOR RECORD
DAVID R. GLASS
FEB 16 2017
DAVID R. GLASS
PETROLEUM ENGINEER

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #361663 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED**

RECLAMATION DUE:
MAY 24 2017

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
QUEEN	941	1370	SANDSTONE	QUEEN	941
GRAYBURG	1370	1720	SANDSTONE & DOLOMITE	GRAYBURG	1370
SAN ANDRES	1720	3148	DOLOMITE & LIMESTONE	SAN ANDRES	1720
PADDOCK	3148	3646	DOLOMITE & ANHYDRITE	PADDOCK	3148
BLINEBRY	3646	7277	DOLOMITE & ANHYDRITE	BLINEBRY	3646
GLORIETA YESO	4190	7190	OIL/GAS/WATER		

32. Additional remarks (include plugging procedure):
Logs will be submitted in WIS.

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 #361663 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 01/30/2017 (17DMH0068SE)

Name *(please print)* KANICIA CASTILLO Title PREPARER

Signature (Electronic Submission) Date 12/20/2016

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 fradulent statements or representations as to any matter within its jurisdiction.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****