

OCD Artesia MAR 08 2018

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
NMLC028784A

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 KANICIA CASTILLO
E-Mail kcastillo@concho.com

8 Lease Name and Well No
BURCH KEELY UNIT 962H

3 Address 600 W ILLINOIS AVENUE
MIDLAND TX 79701

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

9 API Well No
30-015-44101-00-S1

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

Sec 24 T17S R29E Mer NMP
At surface Lot A 296FNL 153FEL 32 826466 N Lat, 104 020164 W Lon
Sec 19 T17S R29E Mer NMP
At top prod interval reported below Lot A 380FNL 218FWL
Sec 19 T17S R29E Mer NMP
At total depth Lot A 377FNL 25FEL

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

11 Sec, T, R, M, or Block and Survey
or Area Sec 24 T17S R29E Mer NMP

12 County or Parish
EDDY

13 State
NM

14 Date Spudded
06/10/2017

15 Date T D Reached
06/22/2017

16 Date Completed
☐ D & A ☒ Ready to Prod.
08/29/2017

17 Elevations (DF, KB, RT, GL)*
3618 GL

18 Total Depth MD
TVD 10290
4872

19 Plug Back T D MD
TVD 10211
4872

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
12 250	9 625 J55	40 0		1092		C 500			
8 750	7 000 L80	29 0		4309					
8 750	5 500 L80	17 0		10280		C 2200			
17 500	13 375 J55	54 5	0	327		C 1000		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	5157							

25 Producing Intervals

26 Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) GLORIETA YESO			5121 TO 10191	0 430	1152	OPEN
B) YESO	5121	10191				
C)						
D)						

27 Acid Fracture, Treatment, Cement Squeeze Etc

Depth Interval	Amount and Type of Material
5121 TO 10191	ACIDIZE W/ 127 008 15% ACID FRAC W/ 379 218 GALS TREATED WATER 5 735 608 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
08/30/2017	09/02/2017	24	→	461 0	373 0	1224 0	39 0	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	
	SI	70 0	→	461	373	1224	809	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	
	SI		→						

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

ELECTRONIC SUBMISSION #391748 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation Due: 2/30/2018

ACCEPTED FOR RECORD
MAR 3 2018
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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
TANSILL QUEEN GRAYBURG SAN ANDRES PADDOCK BLINEBRY	940 1955 2358 2676 4156 4794		DOLOMITE SANDSTONE DOLOMITE & ANHYDRITE DOLOMITE & ANHYDRITE DOLOMITE	TANSILL QUEEN GRAYBURG SAN ANDRES PADDOCK BLINEBRY	940 1955 2358 2676 4156 4794

32 Additional remarks (include plugging procedure)

Logs will be submitted in WIS
Logs will be mailed to the OCD

Casing tests

6/12/17 Test 13-3/8csg to 1500# for 30mins, good test
6/13/17 Test 12-1/4csg to 1500# for 30mins good test

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 #391748 Verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by DUNCAN WHITLOCK on 11/02/2017 (18DW0012SE)

Name (please print) KANICIA CASTILLOTitle PREPARERSignature (Electronic Submission)Date 10/12/2017

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 ****