

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC028793C

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.
NMMN88525X

2. Name of Operator
COG OPERATING LLC
Contact: ROBYN RUSSELL
E-Mail: russell@concho.com

8. Lease Name and Well No.
BURCH KEELY UNIT 960H

3. Address 600 W ILLINOIS AVENUE
MIDLAND, TX 79701

3a. Phone No. (include area code)
Ph: 432-685-4385

9. API Well No.
30-015-45149-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 Sec 23 T17S R29E Mer NMP
 At surface SESE 837FSL 125FEL 32.815086 N Lat, 104.037270 W Lon
 Sec 23 T17S R29E Mer NMP
 At top prod interval reported below SESE 837FSL 125FEL
 Sec 24 T17S R29E Mer NMP
 At total depth SESE 988FSL 122FEL

10. Field and Pool, or Exploratory
BURCH KEELY-GLORIETA-UPR YESO

11. Sec., T., R., M., or Block and Survey
or Area Sec 23 T17S R29E Mer NMP

12. County or Parish
EDDY
13. State
NM

14. Date Spudded
10/24/2018

15. Date T.D. Reached
11/05/2018

16. Date Completed
 D & A Ready to Prod.
01/21/2019

17. Elevations (DF, KB, RT, GL)*
3582 GL

18. Total Depth: MD 10257
TVD 4915

19. Plug Back T.D.: MD 10230
TVD

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 J55	54.5		277		450		0	
12.250	9.625 J55	40.0		969		675		0	
8.750	7.000 L80	29.0		4143					
8.750	5.500 L80	20.0		10236		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	5379							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BLINEBRY			5076 TO 10098			OPEN SLEEVES
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5076 TO 10098	ACIDIZE W/52,416 GALS 15% ACID, FRAC W/41,622 GALS TREATED WATER, 4,435,830 GALS SLICK WATER,

RECEIVED

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
01/22/2019	02/02/2019	24	→	368.0	187.0	1154.0	39.6	0.60	ELECTRIC PUMPING WITH ARTESIA O.C.
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
		27.0	→	368	187	1154	508	POW	

JUN 25 2019

ACCEPTED FOR RECORD

JUN 1 2019

Monah Negrete

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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 #459861 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED **

Reclamation Due: 7/21/2019

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	828		DOLOMITE	TANSILL	828
YATES	949		DOLOMITE & SANDSTONE	YATES	949
GRAYBURG	2243		DOLOMITE & SANDSTONE	GRAYBURG	2243
SAN ANDRES	2559		DOLOMITE & ANYDRITE	SAN ANDRES	2559
GLORIETA	4071		SANDSTONE & SILTSTONE	GLORIETA	4071
PADDOCK	4110		DOLOMITE	PADDOCK	4110
BLINEBRY	4723		DOLOMITE	BLINEBRY	4723

32. Additional remarks (include plugging procedure):

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 #459861 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by DINAH NEGRETE on 05/27/2019 (19DCN0216SE)**

Name (please print) ROBYN RUSSELL

Title REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 04/01/2019

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 ****