

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

5. Lease Serial No.
NMLC028784C

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. NNMN88525X	
2. Name of Operator COG OPERATING LLC Contact: KANICIA CASTILLO E-Mail: kcastillo@concho.com				8. Lease Name and Well No. BURCH KEELY UNIT 940H	
3. Address 600 W ILLINOIS AVENUE MIDLAND, TX 79701		3a. Phone No. (include area code) Ph: 432-685-4332		9. API Well No. 30-015-44080-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 13 T17S R29E Mer NMP At surface SENE 1650FNL 195FEL 32.837135 N Lat, 104.019783 W Lon Sec 18 T17S R29E Mer NMP At top prod interval reported below SWNW 1652FNL 335FWL 32.837139 N Lat, 104.018074 W Lon Sec 18 T17S R29E Mer NMP At total depth SENE 1670FNL 220FEL 32.837151 N Lat, 104.003319 W Lon				10. Field and Pool, or Exploratory BURCH KEELY-GLORIETA-UPR YESO 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 02/21/2017		15. Date T.D. Reached 02/11/2017		16. Date Completed ☐ D & A ☒ Ready to Prod. 04/19/2017	
17. Elevations (DF, KB, RT, GL)* 3569 GL					
18. Total Depth: MD 9970 TVD 4867		19. Plug Back T.D.: MD 9350 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)	

[illegible]

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	5383							

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA YESO			5100 TO 9860	0.430	1080	OPEN
B) YESO	5100	9860				
C)						
D)						

Depth Interval	Amount and Type of Material
5100 TO 9860	ACIDIZE W/ 118,440 15% ACID, FRAC W/ 338,352 GALS TREATED WATER, 9,240,882 GALS SLICK WATER,

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/18/2017	07/21/2018	24	→	400.0	205.0	1645.0	38.6		ELECTRIC PUMP SURFACE
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI		70.0	→	400	205	1645	513	FLOW	

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/18/2017	07/21/2017	24	→	400.0	205.0	1645.0	38.6	0.60	Electric Pump Sub Surface
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	70.0	→	400	205	1645	513	POW		

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

ELECTRONIC SUBMISSION #386320 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation Due: 10/19/2017

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
RUSTLER QUEEN GRAYBURG SAN ANDRES PADDOCK	256 1984 2354 2682 4179		SANDSTONE DOLOMITE & ANHYDRITE DOLOMITE & ANHYDRITE DOLOMITE	RUSTLER QUEEN GRAYBURG SAN ANDRES PADDOCK	256 1984 2354 2682 4179

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

OCD logs will be mailed.

5/3/17 Pressure test 13-3/8 casing to 1900psi for 30min, good test.
5/4/17 Pressure test 9-5/8 casing to 1500psi for 30min, 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 #386320 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by DUNCAN WHITLOCK on 09/12/2017 (17DW0120SE)

Name (please print) KANICIA CASTILLO

Title PREPARER

Signature _____ (Electronic Submission)

Date 08/28/2017

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 ****

1025 N. Francis Dr., Santa Fe, NM 87505
 Phone (505) 393-4161 Fax (505) 393-0122
 9113 First St., Artesia, NM 87011
 Phone (505) 749-1233 Fax (505) 749-7722
 10200 Pao Grande, Santa Fe, NM 87501
 Phone (505) 334-6171 Fax (505) 334-6172
 1220 S. Francis Dr., Santa Fe, NM 87505
 Phone (505) 476-3467 Fax (505) 476-3462

State of New Mexico
 Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

RECEIVED
 JUL 11 2018
 DISTRICT II-ARTESIA O.C.D.

Form C-102
 Revised August 1, 2011
 Submit one copy to appropriate
 District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-44080	² Pool Code 97918	³ Pool Name Burch Keely; Glorieta-Upper Yeso
⁴ Property Code 308086	⁵ Property Name BURCH KEELY UNIT	
⁷ OGRID No. 229137	⁶ Operator Name COG OPERATING, LLC	⁸ Well Number 940H
		⁹ Elevation 3640

Surface Location

U.I. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North-South line	Feet from the	East-West line	County
H	13	17-S	29-E		1650	NORTH	195	EAST	EDDY

Bottom Hole Location If Different From Surface

U.I. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North-South line	Feet from the	East-West line	County
H	18	17-S	30-E		1670	NORTH	220	EAST	EDDY

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

		"OPERATOR CERTIFICATION" I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that the information reflects a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well or the bottom hole pursuant to a contract with or owner of such a mineral interest, or is a voluntary pooling agreement or a completion pooling order hereafter entered by the division. Signature: <u>Kanicia Castillo</u> Date: <u>8/21/17</u> Printed Name: <u>Kanicia Castillo</u> Email Address: <u>Kcastillo@concho.com</u>
CORNER DATA NAD 83 GRID - NM EAST A. FND 1" STEEL PIPE W/1/2" RBR INSIDE N 664828.6 - E 632407.9 B. FND 1 1/2" STL PIPE BENT OVER W/BRASS CAP BROKE OFF N 667466.5 - E 632401.1 C. FND USGLO BRASS CAP 1914 N 670105.4 - E 632395.3 D. FND USGLO BRASS CAP 1914 N 670111.9 - E 635036.0 E. FND USGLO BRASS CAP 1914 N 670118.1 - E 637673.2 F. FND USGLO BRASS CAP 1914 N 667480.8 - E 637682.3		GEODETTIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION N 668468.1 - E 637484.0 LAT 32.83725295° N LONG: 104.02029417° W BOTTOM LOCATION N 668489.0 - E 642542.0 LAT 32.83726835° N LONG: 104.00382590° W

"SURVEYOR CERTIFICATION"
 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey: 8/7/13

Signature and Seal of Professional Surveyor: Robert M. Howett

19880
 Certificate Number