

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address COG Operating LLC One Concho Center 600 W. Illinois Ave. Midland, TX 79701		² OGRID Number 229137
		³ Reason for Filing Code/ Effective Date NW Effective 7/22/14
⁴ API Number 30 - 015-42242	⁵ Pool Name Burch Keely; Glorieta Upper Yeso	⁶ Pool Code 97918
⁷ Property Code 308086	⁸ Property Name - Burch Keely Unit	⁹ Well Number 958H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
L	24	17S	29E		2270	South	210	West	Eddy

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
3	19	17S	30E		2304	South	332	East	Eddy

¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 7/22/14	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
278421	HollyFrontier Refining & Marketing, LLC	O
36785	dcp Midstream	G

IV. Well Completion Data

²¹ Spud Date 5/10/14	²² Ready Date 7/22/14	²³ TD 10,010MD 4879TVD	²⁴ PBTD 9918	²⁵ Perforations 5100 - 9900	²⁶ DHC; MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2	13-3/8	229	400sx		
12-1/4	9-5/8	901	500sx		
8-3/4	7	4193	1600sx		
7-7/8	5-1/2	9959			
	2-7/8 tbg	4221			

V. Well Test Data

³¹ Date New Oil 7/24/14	³² Gas Delivery Date 7/24/14	³³ Test Date 7/27/14	³⁴ Test Length 24	³⁵ Tbg. Pressure 70	³⁶ Csg. Pressure 70
³⁷ Choke Size	³⁸ Oil 283	³⁹ Water 635	⁴⁰ Gas 555		⁴¹ Test Method P

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Chasity Jackson		OIL CONSERVATION DIVISION Approved by: RDade Title: Dist II Supervisor Approval Date: 8-13-14	
Printed name: Chasity Jackson			
Title: Regulatory Analyst			
E-mail Address: cjackson@concho.com			
Date: 8/6/14	Phone: 432-686-3087		

Pending BLM approvals will subsequently be reviewed and scanned
3/60-4

A OIL CONSERVATION
ARTESIA DISTRICT

AUG 11 2014

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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: CHASITY JACKSON
E-Mail: cjackson@concho.com

8. Lease Name and Well No.
BURCH KEELY UNIT 958H

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.
30-015-42242

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface Sec 24 T17S R29E Mer NMP
NWSW 2270FSL 210FWL
At top prod interval reported below Sec 24 T17S R29E Mer NMP
NWSW 2270FSL 210FWL
At total depth Sec 19 T17S R30E Mer NMP
Lot 3 2304FSL 332FEL

10. Field and Pool, or Exploratory
BURCH KEELY

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
05/10/2014

15. Date T.D. Reached
05/22/2014

16. Date Completed
☐ D & A ☒ Ready to Prod.
07/22/2014

17. Elevations (DF, KB, RT, GL)*
3591 GL

18. Total Depth: MD 10010
TVD 4879

19. Plug Back T.D.: MD 9918
TVD 9918

20. Depth Bridge Plug Set: MD
TVD

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

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		229		400			
12.250	9.625 J55	40.0		901		500			
8.750	7.000 L80	26.0		4193		1600			
7.875	5.500 L80	17.0	4193	9959					

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	4221							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5100	9900	5100 TO 9900	0.430	396	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5100 TO 9900	ACIDIZE W/49,730 GALS 15% ACID. FRAC W/1,582,758 GALS GEL, 341,747 TREATED WATER.
5100 TO 9900	93,933 GALS WATER FRAC, 2,253,108# 20/40 BROWN, 453,857# 20/40 CRC, 56,871# 100 MESH.

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
07/22/2014	07/27/2014	24	→	283.0	555.0	635.0	37.9	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	
			→	283	555	635	1961	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	
			→						

NM OIL CONSERVATION
ARTESIA DISTRICT

AUG 11 2014

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

ELECTRONIC SUBMISSION #256144 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECEIVED

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.)
FLARED

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	873		LIMESTONE & DOLOMITE	TANSIL	873
YATES	979		SANDSTONE	YATES	979
QUEEN	1887		DOLOMITE & LIMESTONE	QUEEN	1887
GRAYBURG	2272		SANDSTONE	GRAYBURG	2272
SAN ANDRES	2582		SANDSTONE	SAN ANDRES	2582
GLORIETA	4034		DOLOMITE & ANHYDRITE	GLORIETA	4034
PADDOCK	4083			PADDOCK	4083

32. Additional remarks (include plugging procedure):
Will mail log.

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 #256144 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 08/06/2014

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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