

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

<sup>1</sup> Operator name and Address COG Operating LLC One Concho Center 600 W. Illinois Ave. Midland, TX 79701		<sup>2</sup> OGRID Number 229137
		<sup>3</sup> Reason for Filing Code/ Effective Date NW Effective 2/7/15
<sup>4</sup> API Number 30 - 015-42186	<sup>5</sup> Pool Name Burch Keely; Glorieta Upper Yeso	<sup>6</sup> Pool Code 97918
<sup>7</sup> Property Code 308086	<sup>8</sup> Property Name Burch Keely Unit	<sup>9</sup> Well Number 932H

II. <sup>10</sup> Surface Location

UL or lot no. 2	Section 18	Township 17S	Range 30E	Lot Idn	Feet from the 1864	North/South Line North	Feet from the 323	East/West line West	County Eddy
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<sup>11</sup> Bottom Hole Location

UL or lot no. E	Section 13	Township 17S	Range 29E	Lot Idn	Feet from the 1665	North/South line North	Feet from the 349	East/West line West	County Eddy
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<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 2/7/15	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date
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III. Oil and Gas Transporters

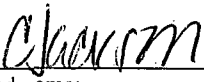
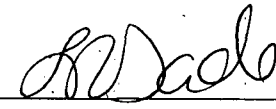
<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
5097	Conoco Inc.	O
221115	Frontier Field Services	G
NM OIL CONSERVATION ARTESIA DISTRICT MAR 16 2015 RECEIVED		

IV. Well Completion Data

<sup>21</sup> Spud Date 12/9/14	<sup>22</sup> Ready Date 2/7/15	<sup>23</sup> TD 10,048MD 4867TVD	<sup>24</sup> PBTD 9980	<sup>25</sup> Perforations 5450 - 9960	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
17-1/2	13-3/8	315	400sx		
12-1/4	9-5/8	1193	550sx		
8-3/4	7	4323	0		
7-7/8	5-1/2	10,044	1800sx		
	2-7/8 tbg	4233			

V. Well Test Data

<sup>31</sup> Date New Oil 2/13/15	<sup>32</sup> Gas Delivery Date 2/13/15	<sup>33</sup> Test Date 2/15/15	<sup>34</sup> Test Length 24	<sup>35</sup> Tbg. Pressure 70	<sup>36</sup> Csg. Pressure 70
<sup>37</sup> Choke Size	<sup>38</sup> Oil 317	<sup>39</sup> Water 878	<sup>40</sup> Gas 427		<sup>41</sup> Test Method P

<sup>42</sup> 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: 		OIL CONSERVATION DIVISION Approved by: 	
Printed name: Chasity Jackson		Title: Dist. H. Spewer	
Title: Regulatory Analyst		Approval Date: 3-18-15	
E-mail Address: cjackson@concho.com			
Date: 3/9/15	Phone: 432-686-3087		

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

5. Lease Serial No. NMLC028784C
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No. NMNM88525X
8. Well Name and No. BURCH KEELY UNIT 932H
9. API Well No. 30-015-42186
10. Field and Pool, or Exploratory BURCH KEELY
11. County or Parish, and State EDDY COUNTY, NM

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator COG OPERATING LLC	
Contact: CHASITY JACKSON E-Mail: cjackson@concho.com	
3a. Address ONE CONCHO CENTER 600 W. ILLINOIS AVE MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-686-3087
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 18 T17S R30E Mer NMP 1864FNL 323FWL	

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

1/22/15 Test frac valve to 7200psi. Spotted 2000 gals acid. Set plug @ 9980. 1/23/15 Perf 14 stages @ 5450 - 9960 w/6 SPF, 36 holes. Acidize 14 stages w/57,148 gals 15% HCL. Frac w/1,663,861 gals gel, 199,740 gals WaterFrac, 229,525 gals treated water, 3,546,359# 20/40 brown sand, 669,225# 20/40 CRC.  
2/5/15 Drill out plugs. Clean out to PBTD 9980.  
2/7/15 RIH w/122jts 2-7/8" J55 6.5# tbg, EOT @ 4233. Hang on.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
MAR 16 2015

**RECEIVED**

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #294391 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad</b>	
Name (Printed/Typed) CHASITY JACKSON	Title PREPARER
Signature (Electronic Submission)	Date 03/10/2015

**THIS SPACE FOR FEDERAL OR STATE OFFICIAL USE**

Approved By _____	Title _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____

Pending BLM approvals will  
subsequently be reviewed  
and scanned *[Signature]*

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.

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

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
**MAR 16 2015**

Form 3160-4  
(August 2007)

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.  
NMLC028784C

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
NMNM88525X

8. Lease Name and Well No.  
BURCH KEELY UNIT 932H

9. API Well No.  
30-015-42186

10. Field and Pool, or Exploratory  
BURCH KEELY

11. Sec., T., R., M., or Block and Survey  
or Area Sec 18 T17S R30E Mer NMP

12. County or Parish.  
EDDY

13. State  
NM

17. Elevations (DF, KB, RT, GL)\*  
3639 GL

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other

b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other

2. Name of Operator  
COG OPERATING LLC

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

3. Address ONE CONCHO CENTER 600 W. ILLINOIS AVE  
MIDLAND, TX 79701

3a. Phone No. (include area code)  
Ph: 432-686-3087

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface Sec 18 T17S R30E Mer NMP  
Lot 2 1864FNL 323FWL  
At top prod interval reported below Sec 18 T17S R30E Mer NMP  
Lot 2 1864FNL 323FWL  
At total depth Sec 13 T17S R29E Mer NMP  
SWNW 1665FNL 349FWL

14. Date Spudded  
12/09/2014

15. Date T.D. Reached  
12/21/2014

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
02/07/2015

18. Total Depth: MD 10048  
TVD 4867

19. Plug Back T.D.: MD 9980  
TVD 9980

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		315		400			
12.250	9.625 J55	40.0		1193		550			
8.750	7.000 L80	29.0		4323		0			
7.875	5.500 L80	17.0	4323	10044		1800			

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	4233							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5450	9960	5450 TO 9960	0.430	504	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5450 TO 9960	ACIDIZE W/57,148 GALS 15% ACID. FRAC W/1,663,861 GALS GEL, 229,525 GALS TREATED WATER.
5450 TO 9960	199,740 GALS WATER FRAC, 3,546,359# 20/40 BROWN, 669,225# 20/40 CRC.

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
02/13/2015	02/15/2015	24	→	317.0	427.0	878.0	37.0	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	
			→	317	427	878	1347	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	
			→						

Pending BLM approvals will  
subsequently be reviewed  
and scanned

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

ELECTRONIC SUBMISSION #294392 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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
RUSTLER	241	983	ANHYDRITE	RUSTLER	241
SALT	483		SALT	SALT	483
YATES	1087		SANDSTONE	YATES	1087
QUEEN	1985		SANDSTONE & DOLOMITE	QUEEN	1985
GRAYBURG	2384		SANDSTONE & DOLOMITE	GRAYBURG	2384
SAN ANDRES	2682		DOLOMITE & LIMESTONE	SAN ANDRES	2682
GLORIETA	4105		SANDSTONE	GLORIETA	4105
PADDOCK	4169			PADDOCK	4169

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 #294392 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 03/10/2015

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***