

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 <b>COG Operating LLC</b> One Concho Center 600 W. Illinois Ave. Midland, TX 79701		<sup>2</sup> OGRID Number <b>229137</b>
		<sup>3</sup> Reason for Filing Code/ Effective Date NW Effective 11/22/14
<sup>4</sup> API Number <b>30 - 015-40887</b>	<sup>5</sup> Pool Name <b>Burch Keely; Glorieta- Upper Yeso</b>	<sup>6</sup> Pool Code <b>97918</b>
<sup>7</sup> Property Code <b>308086</b>	<sup>8</sup> Property Name <b>Burch Keely Unit</b>	<sup>9</sup> Well Number <b>906</b>

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

UL or lot no. <b>P</b>	Section <b>13</b>	Township <b>17S</b>	Range <b>29E</b>	Lot Idn	Feet from the <b>595</b>	North/South Line <b>South</b>	Feet from the <b>330</b>	East/West line <b>East</b>	County <b>Eddy</b>
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**<sup>11</sup> Bottom Hole Location**

UL or lot no. <b>P</b>	Section <b>13</b>	Township <b>17S</b>	Range <b>29E</b>	Lot Idn	Feet from the <b>329</b>	North/South line <b>South</b>	Feet from the <b>327</b>	East/West line <b>East</b>	County <b>Eddy</b>
<sup>12</sup> Lse Code <b>F</b>	<sup>13</sup> Producing Method Code <b>P</b>	<sup>14</sup> Gas Connection Date <b>11/22/14</b>	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

**III. Oil and Gas Transporters**



<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
<b>5097</b>	<b>Conoco Inc.</b>	<b>O</b>
<b>221115</b>	<b>Frontier Field Services</b>	<b>G</b>
<b>NM OIL CONSERVATION</b> ARTESIA DISTRICT <b>DEC 15 2014</b> <b>RECEIVED</b>		

**IV. Well Completion Data**

<sup>21</sup> Spud Date <b>10/14/14</b>	<sup>22</sup> Ready Date <b>11/22/14</b>	<sup>23</sup> TD <b>4765MD 4752TVD</b>	<sup>24</sup> PBTD <b>4695</b>	<sup>25</sup> Perforations <b>4200 - 4500</b>	<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		
<b>17-1/2</b>	<b>13-3/8</b>	<b>265</b>	<b>400sx</b>		
<b>11</b>	<b>8-5/8</b>	<b>1042</b>	<b>500sx</b>		
<b>7-7/8</b>	<b>5-1/2</b>	<b>4750</b>	<b>900sx</b>		
	<b>2-7/8 tbq</b>	<b>4594</b>			

**V. Well Test Data**

<sup>31</sup> Date New Oil <b>11/24/14</b>	<sup>32</sup> Gas Delivery Date <b>11/24/14</b>	<sup>33</sup> Test Date <b>11/27/14</b>	<sup>34</sup> Test Length <b>24</b>	<sup>35</sup> Tbg. Pressure <b>70</b>	<sup>36</sup> Csg. Pressure <b>70</b>
<sup>37</sup> Choke Size	<sup>38</sup> Oil <b>94</b>	<sup>39</sup> Water <b>266</b>	<sup>40</sup> Gas <b>147</b>		<sup>41</sup> Test Method <b>P</b>

<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: <b>Chasity Jackson</b>		Title: <b>District Supervisor</b>	
Title: <b>Regulatory Analyst</b>		Approval Date: <b>12/10/14</b>	
E-mail Address: <b>cjackson@concho.com</b>			
Date: <b>12/11/14</b>	Phone: <b>432-686-3087</b>		

Pending BLM approvals will  
subsequently be reviewed  
and scanned

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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.*5. Lease Serial No.  
NMLC028784A

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**7. If Unit or CA/Agreement, Name and/or No.  
NMNM88525X

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.  
BURCH KEELY UNIT 9062. Name of Operator  
COG OPERATING LLCContact: CHASITY JACKSON  
E-Mail: cjackson@concho.com9. API Well No.  
30-015-408873a. Address  
ONE CONCHO CENTER 600 W. ILLINOIS AVE  
MIDLAND, TX 797013b. Phone No. (include area code)  
Ph: 432-686-308710. Field and Pool, or Exploratory  
BURCH KEELY

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 13 T17S R29E Mer NMP SESE 595FSL 330FEL

11. County or Parish, and State

EDDY COUNTY, NM

## 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 Drilling Operations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 recomplete 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 recompletion 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.)

11/5/14 Test 5-1/2 BOP to 3500psi, 30min. ok. Perf Paddock @ 4200 - 4500 w/2 SPF, 40 holes.  
11/18/14 Acidize w/1004 gals acid. Frac w/201,852 gals gel, 212,669# 16/30 brady sand, 28,977#  
16/30 SLC.  
11/21/14 Clean out to PBTD 4695. RIH w/140jts 2-7/8" 6.5# J55 tbg, EOT @ 4594. 11/22/14 RIH  
w/2-1/2x1-1/2x20 pump. Turn over to production.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

DEC 15 2014

RECEIVED

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #284980 verified by the BLM Well Information System  
For COG OPERATING LLC, sent to the Carlsbad**

Name (Printed/Typed) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 12/11/2014

**THIS SPACE FOR FEDERAL OR STATE OFFICE 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

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 make any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

any department or agency of the United States

Pending BLM approvals will  
subsequently be reviewed  
and scanned**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No. NMNM88525X		
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 SESE 595FSL 330FEL At top prod interval reported below SESE 595FSL 330FEL At total depth SESE 329FSL 327FEL			8. Lease Name and Well No. BURCH KEELY UNIT 906		
14. Date Spudded 10/14/2014			15. Date T.D. Reached 10/20/2014		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/22/2014			17. Elevations (DF, KB, RT, GL)* 3627 GL		
18. Total Depth: MD 4765 TVD 4752			19. Plug Back T.D.: MD 4695 TVD 4695		
20. Depth Bridge Plug Set: MD TVD			10. Field and Pool, or Exploratory BURCH KEELY; GLORIETA-UY		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUTRON CCL/HNGS			11. Sec., T., R., M., or Block and Survey or Area Sec 13 T17S R29E Mer NMP		
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)			12. County or Parish EDDY		
			13. State NM		

## 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		265		400			
11.000	8.625 J55	24.0		1042		500			
7.875	5.500 J55	17.0		4750		900			

## 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	4594							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	4200	4500	4200 TO 4500	0.420	40	OPEN
B)						
C)						
D)						

## 26. Perforation Record

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

Depth Interval	Amount and Type of Material
4200 TO 4500	ACIDIZE W/1004 GALS ACID.
4200 TO 4500	FRAC W/201,852 GALS GEL, 212,669# 16/30 BRADY SAND, 28,977# 16/30 SLC.

## 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
11/24/2014	11/27/2014	24	→	94.0	147.0	266.0	39.0	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	
			→	94	147	266	1564		

## 28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API
			→				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio
			→				

Pending BLM approvals will  
subsequently be reviewed  
and scanned

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

ELECTRONIC SUBMISSION #284973 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.)  
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
TANSIL	942		LIMESTONE & DOLOMITE	TANSIL	942
YATES	1050		SANDSTONE	YATES	1050
QUEEN	1950		SANDSTONE & DOLOMITE	QUEEN	1950
GRAYBURG	2353		SANDSTONE & DOLOMITE	GRAYBURG	2353
SAN ANDRES	2666		DOLOMITE & LIMESTONE	SAN ANDRES	2666
GLORIETA	4093		SANDSTONE	GLORIETA	4093
PADDOCK	4146			PADDOCK	4146

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 #284973 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad**

Name (please print) CHASITY JACKSONTitle PREPARERSignature (Electronic Submission)Date 12/11/2014

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.

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