

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 229137
		<sup>3</sup> Reason for Filing Code/ Effective Date NW Effective 9/28/15
<sup>4</sup> API Number 30 - 015-42022	<sup>5</sup> Pool Name Fren; Glorieta-Yeso, East	<sup>6</sup> Pool Code 97213
<sup>7</sup> Property Code 40368	<sup>8</sup> Property Name Shiner Bock 1 Federal Com	<sup>9</sup> Well Number 27H

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

Ul or lot no. M	Section 1	Township 17S	Range 31E	Lot Idn	Feet from the 1160	North/South Line South	Feet from the 170	East/West line West	County Eddy
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**<sup>11</sup> Bottom Hole Location**

UL or lot no. P	Section 1	Township 17S	Range 31E	Lot Idn	Feet from the 1008	North/South line South	Feet from the 371	East/West line East	County Eddy
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 9/28/15	<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
278421	HollyFrontier Refining & Marketing, LLC	O
36785	dcp Midstream, LP	G
NM OIL CONSERVATION ARTESIA DISTRICT		
NOV 06 2015		

RECEIVED

**IV. Well Completion Data**

<sup>21</sup> Spud Date 7/25/15	<sup>22</sup> Ready Date 9/28/15	<sup>23</sup> TD 10,763MD 6006TVD	<sup>24</sup> PBDT 10,677	<sup>25</sup> Perforations 6311 - 10,657	<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	841	775sx		
12-1/4	9-5/8	2089	775sx		
8-3/4	7	5530	2150sx		
7-7/8	5-1/2	10,745			
	2-7/8 tbq	5748			

**V. Well Test Data**

<sup>31</sup> Date New Oil 9/30/15	<sup>32</sup> Gas Delivery Date 9/30/15	<sup>33</sup> Test Date 10/1/15	<sup>34</sup> Test Length 24	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure
<sup>37</sup> Choke Size	<sup>38</sup> Oil 380	<sup>39</sup> Water 1509	<sup>40</sup> Gas 171		<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:

*C. Jackson*

Printed name:

Chasity Jackson

Title:

Regulatory Analyst

E-mail Address:

cjackson@concho.com

Date:

10/22/15

Phone:

432-686-3087

OIL CONSERVATION DIVISION

Approved by:

*RD Dade*

Title:

*Dist. H. Supervisor*

Approval Date:

11-13-15

Pending BLM approvals will subsequently be reviewed and scanned

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.  
NMLC031844

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

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.com8. Lease Name and Well No.  
SHINER BOCK 1 FEDERAL COM 27H3. Address ONE CONCHO CENTER 600 W. ILLINOIS AVE  
MIDLAND, TX 79701  
3a. Phone No. (include area code)  
Ph: 432-686-30879. API Well No.  
30-015-42022

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface SWSW 1160FSL 170FWL

At top prod interval reported below SWSW 1160FSL 170FWL

At total depth SESE 1008FSL 371FEL

10. Field and Pool, or Exploratory  
FREN11. Sec., T., R., M., or Block and Survey  
or Area Sec 1 T17S R31E Mer NMP12. County or Parish  
EDDY  
13. State  
NM14. Date Spudded  
07/25/201515. Date T.D. Reached  
08/07/201516. Date Completed  
☐ D & A ☒ Ready to Prod.  
09/28/201517. Elevations (DF, KB, RT, GL)\*  
3998 GL18. Total Depth: MD  
TVD 10763  
600619. Plug Back T.D.: MD  
TVD 10677  
1067720. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
COMPENSATED NEUTRON CCL/HNGS22. 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		841		775			
12.250	9.625 J55	40.0		2089		775			
8.750	7.000 L80	29.0		5530		2150			
7.875	5.500 L80	17.0	5530	10745					

## 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	5748							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	6311	10657	6311 TO 10657	0.430	504	OPEN
B)						
C)						
D)						

## 26. Perforation Record

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

Depth Interval	Amount and Type of Material
6311 TO 10657	ACIDIZE W/53,949 GALS ACID. FRAC W/1,678,009 GALS GEL, 229,005 GALS TREATED WATER.
6311 TO 10657	133,941 GALS WATER FRAC R3, 102,874 GALS WF R9, 3,539,300# 20/40 WHITE, 689,918# 20/40 GARNETT.

## 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
09/30/2015	10/01/2015	24	→	380.0	171.0	1509.0	36.6	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	
			→	380	171	1509	450	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
			→					
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 *LED*

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

ELECTRONIC SUBMISSION #321485 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	708		ANHYDRITE	RUSTLER	708
SALT	900		SALT	SALT	900
YATES	2046		SANDSTONE	YATES	2046
QUEEN	2988		SANDSTONE & DOLOMITE	QUEEN	2988
GRAYBURG	3420		SANDSTONE & DOLOMITE	GRAYBURG	3420
SAN ANDRES	3707		DOLOMITE & LIMESTONE	SAN ANDRES	3707
GLORIETA	5235		SANDSTONE	GLORIETA	5235
PADDOCK	5320			PADDOCK	5320

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 #321485 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 10/26/2015

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 \*\***