

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 5/27/14
<sup>4</sup> API Number 30 - 015-41815	<sup>5</sup> Pool Name Loco Hills; Glorieta-Yeso	<sup>6</sup> Pool Code 96718
<sup>7</sup> Property Code 40239	<sup>8</sup> Property Name Hobgoblin 7 Federal Com UBB	<sup>9</sup> Well Number 4H

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

UL or lot no. H	Section 7	Township 17S	Range 30E	Lot Idn	Feet from the 2310	North/South Line North	Feet from the 150	East/West line East	County Eddy
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<sup>11</sup> Bottom Hole Location

UL or lot no. 6/2	Section 7	Township 17S	Range 30E	Lot Idn	Feet from the 2297	North/South line North	Feet from the 392	East/West line West	County Eddy
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 5/27/14	<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

IV. Well Completion Data

<sup>21</sup> Spud Date 3/25/14	<sup>22</sup> Ready Date 5/27/14	<sup>23</sup> TD 9529MD 5025TVD	<sup>24</sup> PBTD 9480	<sup>25</sup> Perforations 5280 - 9445	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size 17-1/2	<sup>28</sup> Casing & Tubing Size 13-3/8	<sup>29</sup> Depth Set 360	<sup>30</sup> Sacks Cement 450sx		
12-1/4	9-5/8	1244	500sx		
7-7/8	5-1/2	9522	2550sx		
	2-7/8 tbg	4603			

V. Well Test Data

<sup>31</sup> Date New Oil 5/31/14	<sup>32</sup> Gas Delivery Date 5/30/14	<sup>33</sup> Test Date 6/1/14	<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 311	<sup>39</sup> Water 2077	<sup>40</sup> Gas 132		<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:

*Chasity Jackson*

Printed name:

Chasity Jackson

Title:

Regulatory Analyst

E-mail Address:

cjackson@concho.com

Date:

6/30/14

Phone:

432-686-3087

OIL CONSERVATION DIVISION

Approved by:

*AP Dade*

Title:

*Dist. II Supervisor*

Approval Date:

7-9-14

Pending BLM approvals will subsequently be reviewed and scanned

3/60-4  
3/60-5

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.  
NMNM7752

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
HOBGOBLIN 7 FEDERAL COM UBB 4H

9. API Well No.  
30-015-41815

10. Field and Pool, or Exploratory  
LOCO HILLS

11. County or Parish, and State  
EDDY COUNTY, NM

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ 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 7 T17S R30E Mer NMP SENE 2310FNL 150FEL

**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 recomplate 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.)

5/9/14 Set plug @ 9465. Test frac valve to 7500psi. Spotted 3000 gals acid. Perf 10 stages @ 9157 - 9445 w/6 SPF, 36 holes, CBP @ 9078.  
Perf @ 8725 - 9013 w/6SPF, 36 holes, CBP @ 8662.  
Perf @ 8293 - 8581 w/6SPF, 36 holes, CBP @ 8230.  
Perf @ 7861 - 8149 w/6SPF, 36 holes, CBP @ 7779.  
Perf @ 7429 - 7717 w/6SPF, 36 holes, CBP @ 7362.  
Perf @ 6997 - 7285 w/6SPF, 36 holes, CBP @ 6930.  
Perf @ 6565 - 6853 w/6SPF, 36 holes, CBP @ 6489.  
Perf @ 6128 - 6421 w/6SPF, 36 holes, CBP @ 6061.  
Perf @ 5706 - 5989 w/6SPF, 36 holes, CBP @ 5629.  
Perf @ 5280 - 5570 w/6SPF, 36 holes. Acidize 10 stages w/38,586 gals 15% HCL. Frac w/1,805,468 gals gel, 205,009 gals WaterFrac, 209,668 gals treated water, 2,513,284# 20/40 Brady sand, 436,164#

APD 7-8-14  
Accepted for record  
NMOCD

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

JUL 07 2014

**RECEIVED**

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

Electronic Submission #251546 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 07/02/2014

**THIS SPACE FOR FEDERAL OR STATE OFFICE**

Approved By

Title

Pending BLM approvals will  
subsequently be reviewed  
and scanned

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

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

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.  
NMNM7752

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.

2. Name of Operator  
COG OPERATING LLC

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

8. Lease Name and Well No.  
HOBGOBLIN 7 FEDERAL COM UBB 4H

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.  
30-015-41815

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

At surface SENE 2310FNL 150FEL

At top prod interval reported below SENE 2310FNL 150FEL

At total depth SESE 2297FNL 392FWL

10. Field and Pool, or Exploratory  
LOCO HILLS

11. Sec., T., R., M., or Block and Survey  
or Area Sec 7 T17S R30E Mer NMP

12. County or Parish  
EDDY

13. State  
NM

14. Date Spudded  
03/25/2014

15. Date T.D. Reached  
04/04/2014

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
05/27/2014

17. Elevations (DF, KB, RT, GL)\*  
3671 GL

18. Total Depth: MD 9529  
TVD 5025

19. Plug Back T.D.: MD 9480  
TVD 9480

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
COMPENSATED NEUTRON CCL/HNGS MCF/L/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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5		360		450			
12.250	9.625 J55	40.0		1244		500			
7.875	5.500 L80	17.0		9522		2550			

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	4603							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5280	9445	5280 TO 9445	0.430	360	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5280 TO 9445	ACIDIZE W/38,586 GALS 15% ACID. FRAC W/1,805,468 GALS GEL, 205,009 GALS WATER FRAC
5280 TO 9445	209,668 TREATED WATER, 2,513,284# 20/40 BROWN, 436,164# 16/30 CRC, 106,787# 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
05/30/2014	06/01/2014	24	→	311.0	132.0	2077.0	37.6	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	
			→	311	132	2077	424		

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Co.	
			→					
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 #251559 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	383		ANHYDRITE	RUSTLER	383
TANSILL	1106		LIMESTONE & DOLOMITE	TANSILL	1106
YATES	1214		SANDSTONE	YATES	1214
QUEEN	2106		SANDSTONE & DOLOMITE	QUEEN	2106
GRAYBURG	2512		SANDSTONE & DOLOMITE	GRAYBURG	2512
SAN ANDRES	2826		DOLOMITE & LIMESTONE	SAN ANDRES	2826
GLORIETA	4273		SANDSTONE	GLORIETA	4273
PADDOCK	4333		DOLOMITE & ANHYDRITE	PADDOCK	4333

32. Additional remarks (include plugging procedure):  
LOGS WILL BE MAILED.

## 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 #251559 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 07/02/2014

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 \*\*

**Additional data for EC transaction #251546 that would not fit on the form**

**32. Additional remarks, continued**

16/30 CRC, 106,787# 100 Mesh.

5/22/14 Drill out plugs. Clean out to PBTD 9480.

5/27/14 RIH w/139jts 2-7/8" J55 6.5# tbg, EOT @ 4603. RIH w/ESP. Hang well on.