

DEC 27 2016

RECEIVED

DEC 27 2016

RECEIVED

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 11/21/16
<sup>4</sup> API Number 30 - 015 - 413181 <del>43181</del>	<sup>5</sup> Pool Name Red Lake; Glorieta-Yeso, Northeast	<sup>6</sup> Pool Code 40314
<sup>7</sup> Property Code 40314	<sup>8</sup> Property Name Beech 25 Federal	<sup>9</sup> Well Number 12H

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

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
M	25	17S	27E		481	South	237	West	Eddy

**<sup>11</sup> 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
O	25	17S	27E		398	South	1678	East	Eddy

<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 11/21/16	<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
27841	Navajo Refining Company	O
36785	DCP Midstream	G

**IV. Well Completion Data**

<sup>21</sup> Spud Date 9/27/16	<sup>22</sup> Ready Date 11/21/16	<sup>23</sup> TD 7277MD 3950TVD	<sup>24</sup> PBDT 7210	<sup>25</sup> Perforations 4190 - 7190	<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	360	1025sx		
12-1/4	9-5/8	1010	375sx		
8-3/4	7	3301			
8-3/4	5-1/2	7277	1025sx		
	2-7/8 tbg	4060			

**V. Well Test Data**

<sup>31</sup> Date New Oil 11/25/16	<sup>32</sup> Gas Delivery Date 11/24/16	<sup>33</sup> Test Date 11/28/16	<sup>34</sup> Test Length 24hrs	<sup>35</sup> Tbg. Pressure 70	<sup>36</sup> Csg. Pressure 70
<sup>37</sup> Choke Size	<sup>38</sup> Oil 202	<sup>39</sup> Water 2156	<sup>40</sup> Gas 129		<sup>41</sup> Test Method P

<sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have

OIL CONSERVATION DIVISION

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**NM OIL CONSERVATION**

ARTESIA DISTRICT

DEC 27 2016

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**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.  
NMLC058181

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

8. Well Name and No.  
BEECH 25 FEDERAL 12H

1. Type of Well  
 Oil Well  Gas Well  Other

9. API Well No.  
30-015-43181

2. Name of Operator  
COG OPERATING LLC  
Contact: KANICIA CASTILLO  
E-Mail: kcastillo@concho.com

3a. Address  
600 W ILLINOIS AVE  
MIDLAND, TX 79701  
3b. Phone No. (include area code)  
Ph: 432-685-4332

10. Field and Pool or Exploratory Area  
RED LAKE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 25 T17S R27E Mer NMP 481FSL 237FWL

11. County or Parish, State  
EDDY COUNTY, NM

**12. CHECK THE 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"/> Hydraulic Fracturing	<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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

10/10/16 Test csg to 4200psi, good test.  
10/12/16 Drilled 10' of new formation to 7287. Spotted 500 gals acid.  
10/24/16 Pressure test frac valve to 6200#, good test.  
11/14/16 - 11/16/16 Perf 17 stages @ 4190 ? 7190 w/6 SPF, 612 holes. Acidize 17 stages w/66,455 gals 15% HCL. Frac w/148,260 gals treated water, 3,219,300 gals slick water, 997,260# 100 mesh sand, 1,667,160# 40/70 White sand, 352,320# 40/70 Garnet sand.  
11/18/16 Drill out plugs. Clean out to PBT 7210.  
11/21/16 RIH w/ESP, 122jts 2-7/8" J55 tbg, EOT @ 4060? Hang on.

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

**Electronic Submission #361565 verified by the BLM Well Information System  
For COG OPERATING LLC, sent to the Carlsbad**

Name (Printed/Typed) KANICIA CASTILLO	Title PREPARER
Signature (Electronic Submission)	Date 12/20/2016

**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 _____

*Pending BLM approvals will  
subsequently be reviewed  
and scanned*

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DEC 27 2016

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

**RECEIVED**

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.	
2. Name of Operator COG OPERATING LLC		Contact: KANICIA CASTILLO E-Mail: kcastillo@concho.com	
3. Address 600 W ILLINOIS AVE ONE CONCHO CENTER MIDLAND, TX 79701		3a. Phone No. (include area code) Ph: 432-685-4332	
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface Lot M 481FSL 237FWL  At top prod interval reported below Lot M 390FSL 330FWL  At total depth Lot O 398FSL 1678FEL		8. Lease Name and Well No. BEECH 25 FEDERAL 12H	
14. Date Spudded 09/27/2016		15. Date T.D. Reached 10/05/2016	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/21/2016		9. API Well No. 30-015-43181	
18. Total Depth: MD 7277 TVD 3950		19. Plug Back T.D.: MD 7210 TVD	
20. Depth Bridge Plug Set: MD TVD		10. Field and Pool, or Exploratory RED LAKE, GLORIETA-YESO	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CN		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 checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)	
11. Sec., T., R., M., or Block and Survey or Area Sec 25 T17S R27E Mer NMP			
12. County or Parish EDDY		13. State NM	
17. Elevations (DF, KB, RT, GL)* 3586 GL			

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
12.250	9.625 J55	40.0		1010		375			
8.750	7.000 L80	29.0		3301					
8.750	5.000 L80	17.0		7277		2100			
17.500	13.375 J55	54.5	0	360		1025		0	

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	4060							

25. Producing Intervals			26. Perforation Record				
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status	
A) YESO	4190	7190	4190 TO 7190	0.430	612	OPEN	
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
4190 TO 7190	ACIDIZE W/ 66,455 15% ACID, FRAC W/ 148,260 GALS TREATED WATER, 3,219,300 GALS SLICK WATER,

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
11/24/2016	11/28/2016	24	→	202.0	129.0	2156.0	39.4	0.60	ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
		70.0	→	202	129	2156	638	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

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
QUEEN	941		SANDSTONE	QUEEN	941
GRAYBURG	1370		SANDSTONE & DOLOMITE	GRAYBURG	1370
SAN ANDRES	1720		DOLOMITE & LIMESTONE	SAN ANDRES	1720
PADDOCK	3148		DOLOMITE & ANHYDRITE	PADDOCK	3148
BLINEBRY	3646		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	3646

32. Additional remarks (include plugging procedure):  
Logs will be submitted in WIS.

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 #361663 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad**

Name (please print) KANICIA CASTILLO Title PREPARER

Signature \_\_\_\_\_ (Electronic Submission) Date 12/20/2016

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 \*\***