

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 West Illinois Ave Midland, TX 79701		<sup>2</sup> OGRID Number <b>229137</b>
		<sup>3</sup> Reason for Filing Code/ Effective Date NW Effective 8/19/15
<sup>4</sup> API Number <b>30 - 015- 43176</b>	<sup>5</sup> Pool Name <b>Red Lake;Glorieta Yeso, Northeast</b>	<sup>6</sup> Pool Code <b>96836</b>
<sup>7</sup> Property Code <b>40314</b>	<sup>8</sup> Property Name <b>Beech 25 Federal</b>	<sup>9</sup> Well Number <b>11H</b>

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

UL or lot no. <b>M</b>	Section <b>25</b>	Township <b>17S</b>	Range <b>27E</b>	Lot Idn	Feet from the <b>581</b>	North/South Line <b>South</b>	Feet from the <b>237</b>	East/West line <b>West</b>	County <b>Eddy</b>
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**<sup>11</sup> Bottom Hole Location**

UL or lot no. <b>O</b>	Section <b>25</b>	Township <b>17S</b>	Range <b>27E</b>	Lot Idn	Feet from the <b>905</b>	North/South line <b>South</b>	Feet from the <b>1710</b>	East/West line <b>East</b>	County <b>Eddy</b>
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<sup>12</sup> Lse Code <b>F</b>	<sup>13</sup> Producing Method Code <b>P</b>	<sup>14</sup> Gas Connection Date <b>8/19/15</b>	<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
	<b>Holly Frontier</b>	<b>O</b>
	<b>DCP Midstream</b>	<b>G</b>
	<b>NM OIL CONSERVATION</b> ARTESIA DISTRICT <b>SEP 17 2015</b> <b>RECEIVED</b>	

**IV. Well Completion Data**

<sup>21</sup> Spud Date <b>7/6/15</b>	<sup>22</sup> Ready Date <b>8/19/15</b>	<sup>23</sup> TD <b>7110MD/3946TVD</b>	<sup>24</sup> PBTB <b>7019</b>	<sup>25</sup> Perforations <b>4165 - 6999</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>360</b>	<b>450sx</b>		
<b>12-1/4</b>	<b>9-5/8</b>	<b>1018</b>	<b>450sx</b>		
<b>8-3/4</b>	<b>7</b>	<b>3239</b>	<b>1100sx</b>		
<b>7-7/8</b>	<b>5-1/2</b>	<b>7087</b>			
	<b>2-7/8 tbg</b>	<b>3456</b>			

**V. Well Test Data**

<sup>31</sup> Date New Oil <b>8/20/15</b>	<sup>32</sup> Gas Delivery Date <b>8/19/15</b>	<sup>33</sup> Test Date <b>8/22/15</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>266</b>	<sup>39</sup> Water <b>1413</b>	<sup>40</sup> Gas <b>209</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:

*Chasity Jackson*

Printed name:

Chasity Jackson

Title:

Regulatory Analyst

E-mail Address:

[cjackson@concho.com](mailto:cjackson@concho.com)

Date:

9/10/15

Phone:

432-686-3087

OIL CONSERVATION DIVISION

Approved by:

*Dr. J. S. Spewman*

Title:

Approval Date:

**9/18/15**

Pending BLM approvals will  
subsequently be reviewed  
and scanned *LED*

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.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC058181
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
Contact: CHASITY JACKSON E-Mail: cjackson@concho.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address ONE CONCHO CENTER 600 W. ILLINOIS AVE. MIDLAND, TX 79705	3b. Phone No. (include area code) Ph: 432-686-3087	8. Well Name and No. BEECH 25 FEDERAL 11H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 25 T17S R27E Mer NMP SWSW 581FSL 237FWL		9. API Well No. 30-015-43176
		10. Field and Pool, or Exploratory RED LAKE
		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 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.)

7/20/15 Test 7 & 5-1/2 csg to 4500# for 15 min. Good.  
7/21/15 Drill out cmt 20? new TD @ 7110.  
7/27/15 Spotted 2000 gals acid. Set plug @ 7019. Test csg to 6050# for 30min.  
8/9/15 Perf 9 stages @ 4165 - 6999 w/6 SPF, 324 holes.  
Acidize 9 stages w/36,663 gals 15% HCL. Frac w/1,105,483 gals gel, 110,926 gals WaterFrac R9,  
49,155 gals WaterFrac R3, 95,164 gals treated water, 2,267,522# 20/40 white sand, 452,166# 20/40  
CRC.  
8/17/15 Drill out plugs. Clean out to PBTD 7019.  
8/19/15 RIH w/96jts 2-7/8" J55 6.5# tbg, EOT @ 3456. RIH w/ESP. Hang well on.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

SEP 17 2015

RECEIVED

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #316061 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 09/10/2015

**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 ar...  
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

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

Pending BLM approvals will  
subsequently be reviewed  
and scanned *AD*

SEP 17 2015

Form 3160-4  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMLC058181

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.  
Other2. Name of Operator  
COG OPERATING LLC Contact: CHASITY JACKSON  
E-Mail: cjackson@concho.com8. Lease Name and Well No.  
BEECH 25 FEDERAL 11H3. Address ONE CONCHO CENTER 600 W. ILLINOIS AVE  
MIDLAND, TX 79701 3a. Phone No. (include area code)  
Ph: 432-686-30879. API Well No.  
30-015-43176

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

At surface SWSW 581FSL 237FWL

At top prod interval reported below SWSW 581FSL 237FWL

At total depth SWSE 905FSL 1710FEL

10. Field and Pool, or Exploratory  
RED LAKE11. Sec., T., R., M., or Block and Survey  
or Area Sec 25 T17S R27E Mer NMP12. County or Parish  
EDDY 13. State  
NM14. Date Spudded  
07/06/2015 15. Date T.D. Reached  
07/21/2015 16. Date Completed  
☐ D & A ☒ Ready to Prod.  
08/19/201517. Elevations (DF, KB, RT, GL)\*  
3587 GL18. Total Depth: MD 7110  
TVD 3946 19. Plug Back T.D.: MD 7019  
TVD 7019 20. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
N/A22. 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		1018		450			
8.750	7.000 L80	29.0		3239		1100			
7.875	5.500 L80	17.0	3239	7087					

## 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	3456							

## 25. Producing Intervals

## 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	4165	6999	4165 TO 6999	0.460	324	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4165 TO 6999	ACIDIZE W/36,663 GALS 15% HCL. FRAC W/1,105,483 GALS GEL, 110,926 GALS WF R9,49,155 GALS WF R3
4165 TO 6999	95,164 GALS TREATED WATER, 2,267,522# 20/40 WHITE SAND, 452,166# 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
08/19/2015	08/22/2015	24	→	266.0	209.0	1413.0	39.4	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	
			→	266	209	1413	786	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  
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(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #316417 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
GLORIETA YESO	3075 3161		SANDSTONE DOLOMITE & ANHYDRITE	GLORIETA YESO	3075 3161

## 32. Additional remarks (include plugging procedure):

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (! 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 #316417 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 09/15/2015

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.

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