

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 1/22/15
<sup>4</sup> API Number <b>30 - 015-40557</b>	<sup>5</sup> Pool Name <b>DODD; GLORIETA-UPPER YESO</b>	<sup>6</sup> Pool Code <b>97917</b>
<sup>7</sup> Property Code <b>308195</b>	<sup>8</sup> Property Name <b>DODD FEDERAL UNIT</b>	<sup>9</sup> Well Number <b>630</b>

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

UL or lot no. <b>A</b>	Section <b>14</b>	Township <b>17S</b>	Range <b>29E</b>	Lot Idn	Feet from the <b>370</b>	North/South Line <b>South</b>	Feet from the <b>1760</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.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Lse Code <b>F</b>	<sup>13</sup> Producing Method Code <b>P</b>	<sup>14</sup> Gas Connection Date <b>1/22/15</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>278421</b>	<b>HollyFrontier Refining &amp; Marketing, LLC</b>	<b>O</b>
<b>221115</b>	<b>Frontier Field Services, LLC</b>	<b>G</b>

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ARTESIA DISTRICT  
FEB 09 2015

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IV. Well Completion Data

<sup>21</sup> Spud Date <b>1/5/15</b>	<sup>22</sup> Ready Date <b>1/22/15</b>	<sup>23</sup> TD <b>4452</b>	<sup>24</sup> PBTD <b>4404</b>	<sup>25</sup> Perforations <b>4014 - 4314</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>550sx</b>		
<b>11</b>	<b>8-5/8</b>	<b>964</b>	<b>450sx</b>		
<b>7-7/8</b>	<b>5-1/2</b>	<b>4452</b>	<b>900sx</b>		
	<b>2-7/8 tbg</b>	<b>4362</b>			

V. Well Test Data

<sup>31</sup> Date New Oil <b>1/25/15</b>	<sup>32</sup> Gas Delivery Date <b>1/25/15</b>	<sup>33</sup> Test Date <b>1/28/15</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>106</b>	<sup>39</sup> Water <b>253</b>	<sup>40</sup> Gas <b>109</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

Date:

2/3/15

Phone:

432-686-3087

OIL CONSERVATION DIVISION

Approved by:

*David J. Spencer*

Title:

Approval Date:

2-12-15

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

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.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

5. Lease Serial No.  
NMLC028731A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
NMNM111789X

8. Well Name and No.  
DODD FEDERAL UNIT 630

9. API Well No.  
30-015-40557

10. Field and Pool, or Exploratory  
DODD; GLORIETA-UPPER YESO

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 15 T17S R29E Mer NMP SWSE 370FSL 1760FEL

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

1/14/15 Test 5-1/2 BOP to 4200psi, 30min. ok.  
1/15/15 Perf Paddock @ 4014 - 4314 w/2 SPF, 52 holes.  
1/16/15 Acidize w/1093 gals acid. Frac w/208,003 gals gel, 241,168# 16/30 brady sand, 28,489# 16/30 SLC.  
1/20/15 Clean out to PBTD 4404.  
1/21/15 RIH w/135jts 2-7/8" 6.5# J55 tbg EOT @ 4362.  
1/22/15 RIH w/2-1/2x1-1/2x20 pump. Turn over to production.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

FEB 09 2015

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

Electronic Submission #290400 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 02/03/2015

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

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

Department or agency of the United States

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

FEB 09 2015

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMLC028731A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
NMNM111789X

8. Lease Name and Well No.  
DODD FEDERAL UNIT 630

9. API Well No.  
30-015-40557

10. Field and Pool, or Exploratory  
DODD, GLORIETA-UPPER YESO

11. Sec., T., R., M., or Block and Survey  
or Area Sec 15 T17S R29E Mer NMP

12. County or Parish  
EDDY

13. State  
NM

17. Elevations (DF, KB, RT, GL)\*  
3576 GL

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.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 SWSE 370FSL 1760FEL

At top prod interval reported below SWSE 370FSL 1760FEL

At total depth SWSE 370FSL 1760FEL

14. Date Spudded  
01/05/2015

15. Date T.D. Reached  
01/11/2015

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
01/22/2015

18. Total Depth: MD 4452  
TVD 4452

19. Plug Back T.D.: MD 4404  
TVD 4404

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
COMPENSATED NEUTRON CCL/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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	54.5		265		550			
11.000	8.625 J55	24.0		964		450			
7.875	5.500 J55	17.0		4452		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	4362							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4014	4314	4014 TO 4314	0.410	52	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4014 TO 4314	ACIDIZE W/1093 GALS 15% ACID.
4014 TO 4314	FRAC W/208,003 GALS GEL, 241,168# 16/30 BRADY, 28,489# 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
01/25/2015	01/28/2015	24	→	106.0	109.0	253.0	40.1	0.60	ELECTRIC PUMPING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	106	109	253	1028	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	
			▶					

Pending BLM approvals will be reviewed

AD

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

ELECTRONIC SUBMISSION #290388 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OP.

Pending BLM approvals will  
subsequently be reviewed  
and scanned  
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
TANSILL YATES QUEEN GRAYBURG GLORIETA PADDOCK	824 931 1820 2208 3918 3974		LIMESTONE & DOLOMITE SANDSTONE SANDSTONE & DOLOMITE SANDSTONE & DOLOMITE SANDSTONE	TANSILL YATES QUEEN GRAYBURG GLORIETA PADDOCK	824 931 1820 2208 3918 3974

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 #290388 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 02/03/2015

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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