

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
871 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 12/23/14
<sup>4</sup> API Number 30 - 015-40476	<sup>5</sup> Pool Name DODD; GLORIETA-UPPER YESO	<sup>6</sup> Pool Code 97917
<sup>7</sup> Property Code 308195	<sup>8</sup> Property Name DODD FEDERAL UNIT	<sup>9</sup> Well Number 684

**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
L	14	17S	29E		1605	South	990	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
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 12/23/14	<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	Holly Transportation, LLC	O
221115	Frontier Field Services, LLC	G
<b>NM OIL CONSERVATION</b> ARTESIA DISTRICT FEB 06 2015 RECEIVED		

**IV. Well Completion Data**

<sup>21</sup> Spud Date	<sup>22</sup> Ready Date	<sup>23</sup> TD	<sup>24</sup> PBSD	<sup>25</sup> Perforations	<sup>26</sup> DHC, MC
12/1/14	12/23/14	4553	4483	4050 - 4350	
<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	313	400sx		
11	8-5/8	964	855sx		
7-7/8	5-1/2	4553	900sx		
	2-7/8 tbg	4447			

**V. Well Test Data**

<sup>31</sup> Date New Oil	<sup>32</sup> Gas Delivery Date	<sup>33</sup> Test Date	<sup>34</sup> Test Length	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure
1/3/15	1/3/15	1/4/15	24	70	70
<sup>37</sup> Choke Size	<sup>38</sup> Oil	<sup>39</sup> Water	<sup>40</sup> Gas	<sup>41</sup> Test Method	
	33	247	54	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:  Printed name: Chasity Jackson Title: Regulatory Analyst E-mail Address: cjackson@concho.com Date: 2/2/15	OIL CONSERVATION DIVISION
	Approved by: 
	Title: 
	Approval Date: 2-11-15
	Phone: 432-686-3087

Pending BLM approvals will subsequently be reviewed and scanned 

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.*

5. Lease Serial No.  
NMLC028731A

6. If Indian, Allottee or Tribe Name

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
DODD FEDERAL UNIT 684

2. Name of Operator  
COG OPERATING LLC  
Contact: CHASITY JACKSON  
E-Mail: cjackson@concho.com

9. API Well No.  
30-015-40476

3a. Address  
ONE CONCHO CENTER 600 W. ILLINOIS AVE  
MIDLAND, TX 79701

3b. Phone No. (include area code)  
Ph: 432-686-3087

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 14 T17S R29E Mer NMP NWSW 1605FSL 990FWL

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 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 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.)

12/12/14 Test 5-1/2 BOP to 3500psi, 30min. ok.  
12/15/14 Perf Paddock @ 4050 - 4350 w/2 SPF, 52 holes.  
12/16/14 Acidize w/967 gals acid. Frac w/40,680 gals gel, 54,393# 16/30 brady sand, 18,114# 16/30 SLC.  
12/22/14 Clean out to PBDT 4492. RIH w/136jts 2-7/8" 6.5# J55 tbg EOT @ 4447. 12/23/14 RIH w/2-1/2x1-1/2x20. pump. Turn over to production.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

FEB 06 2015

RECEIVED

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

**Electronic Submission #290199 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 02/02/2015

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

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

Department or agency of the United States

**\*\* 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.  
NMLC028731A

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 NWSW 1605FSL 990FWL  
 At top prod interval reported below NWSW 1605FSL 990FWL  
 At total depth NWSW 1605FSL 990FWL

6. If Indian, Allottee or Tribe Name  
 7. Unit or CA Agreement Name and No.  
 NNMN111789X  
 8. Lease Name and Well No.  
 DODD FEDERAL UNIT 684  
 9. API Well No.  
 30-015-40476  
 10. Field and Pool, or Exploratory  
 DODD;GLORIETA-UPPER YESO  
 11. Sec., T., R., M., or Block and Survey  
 or Area Sec 14 T17S R29E Mer NMP  
 12. County or Parish  
 EDDY  
 13. State  
 NM  
 14. Date Spudded  
 12/01/2014  
 15. Date T.D. Reached  
 12/06/2014  
 16. Date Completed  
 D & A  Ready to Prod.  
 12/23/2014  
 17. Elevations (DF, KB, RT, GL)\*  
 3594 GL

18. Total Depth: .MD 4553  
 TVD 4553  
 19. Plug Back T.D.: MD 4483  
 TVD 4483  
 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	54.5		313		400			
11.000	8.625 J55	24.0		964		855			
7.875	5.500 J55	17.0		4553		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	4447							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4050	4350	4050 TO 4350	0.410	52	OPEN
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
4050 TO 4350	ACIDIZE W/967 GALS 15% ACID.
4050 TO 4350	FRAC W/40,680 GALS GEL, 54,393# 16/30 BRADY, 18,114 16/30 SLC.

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

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
01/03/2015	01/04/2015	24	▶	33.0	54.0	247.0	39.1	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	
			▶	33	54	247	1636	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	Production Method
			▶						
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 *LD*

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
RUSTLER	249		ANHYDRITE	RUSTLER	249
TOP SALT	381		SALT	TOP SALT	381
TANSILL	851		LIMESTONE & DOLOMITE	TANSILL	851
YATES	959		SANDSTONE	YATES	959
QUEEN	1846		SANDSTONE & DOLOMITE	QUEEN	1846
GRAYBURG	2240		SANDSTONE & DOLOMITE	GRAYBURG	2240
GLORIETA	3973		SANDSTONE	GLORIETA	3973
PADDOCK	4035			PADDOCK	4035

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 #290169 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 02/02/2015

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 \*\***