

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 229137
		<sup>3</sup> Reason for Filing Code/ Effective Date NW Effective 1/29/15
<sup>4</sup> API Number 30 - 015-40711	<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 653

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

Ul or lot no. I	Section 22	Township 17S	Range 29E	Lot Idn	Feet from the 2310	North/South Line South	Feet from the 990	East/West line East	County Eddy
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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 F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 1/29/15	<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
221115	Frontier Field Services, LLC	G
NM OIL CONSERVATION ARTESIA DISTRICT MAR 6 2015		

IV. Well Completion Data

RECEIVED

<sup>21</sup> Spud Date 1/12/15	<sup>22</sup> Ready Date 1/29/15	<sup>23</sup> TD 4500	<sup>24</sup> PBDT 4448	<sup>25</sup> Perforations 4059 - 4359	<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	252	890sx		
11	8-5/8	917	500sx		
7-7/8	5-1/2	4491	900sx		
	2-7/8 tbg	4403			

V. Well Test Data

<sup>31</sup> Date New Oil 2/5/15	<sup>32</sup> Gas Delivery Date 2/5/15	<sup>33</sup> Test Date 2/9/15	<sup>34</sup> Test Length 24	<sup>35</sup> Tbg. Pressure 70	<sup>36</sup> Csg. Pressure 70
<sup>37</sup> Choke Size	<sup>38</sup> Oil 34	<sup>39</sup> Water 215	<sup>40</sup> Gas 158	<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:  
2/26/15

Phone:  
432-686-3087

OIL CONSERVATION DIVISION

Approved by:

*[Signature]*

Title:

*[Signature]*

Approval Date:

3-9-15

Pending BLM approvals will  
subsequently be reviewed  
and scanned 3/10/15 *[Signature]*

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 653

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

9. API Well No.  
30-015-40711

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 22 T17S R29E Mer NMP NESE 2310FSL 990FEL

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.)

1/21/15 Test 5-1/2 BOP to 4200psi, 30min. ok.  
1/24/15 Perf Paddock @ 4059 - 4359 w/2 SPF, 52 holes.  
1/26/15 Acidize w/1031 gals acid. Frac w/215,600 gals gel, 228,718# 16/30 brady sand, 28,794# 16/30 SLC.  
1/28/15 Clean out to PBTD 4448. RIH w/134jts 2-7/8" 6.5# J55 tbg EOT @ 4403.  
1/29/15 RIH w/2-1/2x1-1/2x20 pump. Turn over to production.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

MAR 6 2015

RECEIVED

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

**Electronic Submission #293173 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 02/26/2015

**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 jurisdic

Pending BLM approvals will  
subsequently be reviewed  
and scanned

Department or agency of the United

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

# NM OIL CONSERVATION ARTESIA DISTRICT

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MAR 6 2015

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

## WELL COMPLETION OR RECOMPLETION REPORT AND RECEIVED

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 653	
9. API Well No. 30-015-40711	
10. Field and Pool, or Exploratory DODD;GLORIETA-UPPER YESO	
11. Sec., T., R., M., or Block and Survey or Area Sec 22 T17S R29E Mer NMP	
12. County or Parish EDDY	13. State NM
17. Elevations (DF, KB, RT, GL)* 3581 GL	

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other	
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 _____	

2. Name of Operator COG OPERATING LLC		Contact: CHASITY JACKSON E-Mail: cjackson@concho.com	
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3. Address ONE CONCHO CENTER 600 W. ILLINOIS AVE MIDLAND, TX 79701		3a. Phone No. (include area code) Ph: 432-686-3087	
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4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NESE 2310FSL 990FEL At top prod interval reported below NESE 2310FSL 990FEL At total depth NESE 2310FSL 990FEL	
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14. Date Spudded 01/12/2015	15. Date T.D. Reached 01/17/2015	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/29/2015
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18. Total Depth: MD 4500 TVD 4500	19. Plug Back T.D.: MD 4448 TVD 4448	20. Depth Bridge Plug Set: MD TVD
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21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUTRON CCL/HNGS	
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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)	
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### 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 H40	54.5		252		890			
11.000	8.625 J55	24.0		917		500			
7.875	5.500 J55	17.0		4491		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	4403							

### 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4059	4359	4059 TO 4359	0.430	52	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4059 TO 4359	ACIDIZE W/1031 GALS 7.5% ACID.
4059 TO 4359	FRAC W/215,600 GALS GEL, 228,718# 16/30 BRADY, 28,794# 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
02/05/2015	02/09/2015	24	→	34.0	158.0	215.0	38.4	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	
			→	34	158	215	4647	POW	

### 28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API
			→				
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 #293182 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
TANSILL	794		LIMESTONE & DOLOMITE	TANSILL	794
YATES	900		SANDSTONE	YATES	900
QUEEN	1803		SANDSTONE & DOLOMITE	QUEEN	1803
GRAYBURG	2192		SANDSTONE & DOLOMITE	GRAYBURG	2192
GLORIETA	3958		SANDSTONE	GLORIETA	3958
PADDOCK	4019			PADDOCK	4019

32. Additional remarks (include plugging procedure):  
Log 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 #293182 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 02/26/2015

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 \*\***