

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 11/17/14
<sup>4</sup> API Number 30 - 015-40893	<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 636

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

UL or lot no. M	Section 14	Township 17S	Range 29E	Lot Idn	Feet from the 140	North/South Line South	Feet from the 990	East/West line West	County Eddy
--------------------	---------------	-----------------	--------------	---------	----------------------	---------------------------	----------------------	------------------------	----------------

**<sup>11</sup> Bottom Hole Location**

UL or lot no. M	Section 14	Township 17S	Range 29E	Lot Idn	Feet from the 371	North/South line South	Feet from the 990	East/West line West	County Eddy
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 11/17/14	<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	HollyFrontier Refining & Marketing, LLC	O
221115	Frontier Field Services, LLC <b>NM OIL CONSERVATION</b> ARTESIA DISTRICT DEC 15 2014	G
RECEIVED		

**IV. Well Completion Data**

<sup>21</sup> Spud Date 10/25/14	<sup>22</sup> Ready Date 11/17/14	<sup>23</sup> TD 4581MD 4573TVD	<sup>24</sup> PBTD 4505	<sup>25</sup> Perforations 4089 - 4389	<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	307	400sx		
11	8-5/8	954	500sx		
7-7/8	5-1/2	4570	900sx		
	2-7/8 tbg	4456			

**V. Well Test Data**

<sup>31</sup> Date New Oil 11/20/14	<sup>32</sup> Gas Delivery Date 11/20/14	<sup>33</sup> Test Date 11/24/14	<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 105	<sup>39</sup> Water 200	<sup>40</sup> Gas 105		<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:

*C. Jackson*

Printed name:

Chasity Jackson

Title:

Regulatory Analyst

E-mail Address:

cjackson@concho.com

Date:

12/11/14

Phone:

432-686-3087

OIL CONSERVATION DIVISION

Approved by:

*AR Dado*

Title:

*Dist. Supervisor*

Approval Date:

*12/16/14*

Pending BLM approvals will  
subsequently be reviewed  
and scanned

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.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC028731A
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. NMNM111789X
3a. Address ONE CONCHO CENTER 600 W. ILLINOIS AVE MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-686-3087	8. Well Name and No. DODD FEDERAL UNIT 636
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 14 T17S R29E Mer NMP SWSW 140FSL 990FWL		9. API Well No. 30-015-40893
		10. Field and Pool, or Exploratory DODD;GLORIETA-UPPER YESO
		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.)

11/9/14 Test 5-1/2 BOP to 3500psi, 30min. ok.  
11/10/14 Perforate @ 4089 - 4389 w/2 SPF, 52 holes. Acidize w/1000 gals acid. Frac w/207,370 gals gel, 224,281# 16/30 brady sand, 27,702# 16/30 SLC.  
11/13/14 Clean out to PBTD @ 4505.  
11/14/14 RIH w/134jts 2-7/8" 6.5# J55 tbg, EOT @ 4456.  
11/17/14 RIH w/2-1/2x1-1/2x20 pump. Turn over to production.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

DEC 15 2014

RECEIVED

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #284921 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 12/11/2014

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTNM OIL CONSERVATION  
ARTESIA DISTRICT

DEC 15 2014

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010WELL COMPLETION OR RECOMPLETION REPORT AND LOG  
RECEIVED5. Lease Serial No.  
NMLC028731A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
NMNM111789X8. Lease Name and Well No.  
DODD FEDERAL UNIT 6369. API Well No.  
30-015-4089310. Field and Pool, or Exploratory  
DODD;GLORIETA-UPPER YESO11. Sec., T., R., M., or Block and Survey  
or Area Sec 14 T17S R29E Mer NMP12. County or Parish  
EDDY13. State  
NM17. Elevations (DF, KB, RT, GL)\*  
3599 GL1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Otherb. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other2. Name of Operator  
COG OPERATING LLCContact: CHASITY JACKSON  
E-Mail: cjackson@concho.com3. Address ONE CONCHO CENTER 600 W. ILLINOIS AVE  
MIDLAND, TX 797013a. Phone No. (include area code)  
Ph: 432-686-3087

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

At surface SWSW 140FSL 990FWL

At top prod interval reported below SWSW 140FSL 990FWL

At total depth SWSW 371FSL 990FWL

14. Date Spudded  
10/25/201415. Date T.D. Reached  
10/30/201416. Date Completed  
☐ D & A ☒ Ready to Prod.  
11/17/201418. Total Depth: MD 4581  
TVD 457319. Plug Back T.D.: MD 4505  
TVD 450520. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
COMPENSATED NEUTRON CCL/HNGS22. 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 J55	54.5		307		400			
11.000	8.625 J55	24.0		954		500			
7.875	5.500 J55	17.0		4570		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	4456							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	4089	4389	4089 TO 4389	0.420	52	OPEN
B)						
C)						
D)						

## 26. Perforation Record

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

Depth Interval	Amount and Type of Material
4089 TO 4389	ACIDIZE W/1000 GALS ACID.
4089 TO 4389	FRAC W/207,370 GALS GEL, 224,281# 16/30 BRADY SAND, 27,702# 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
11/20/2014	11/24/2014	24	→	105.0	105.0	200.0	40.1	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	
			→	105	105	200	1000	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 Gr.
			→					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well
			→					

Pending BLM approvals will  
subsequently be reviewed  
and scanned

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

ELECTRONIC SUBMISSION #284934 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
TANSIL	853		LIMESTONE & DOLOMITE	TANSIL	853
YATES	960		SANDSTONE	YATES	960
QUEEN	1850		SANDSTONE & DOLOMITE	QUEEN	1850
GRAYBURG	2240		SANDSTONE & DOLOMITE	GRAYBURG	2240
SAN ANDRES	2504		DOLOMITE & LIMESTONE	SAN ANDRES	2504
GLORIETA	3987		SANDSTONE	GLORIETA	3987
PADDOCK	4070			PADDOCK	4070

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 #284934 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 12/11/2014

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 \*\*