

District I  
625 N. French Dr., Hobbs, NM 88240

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-104  
Revised August 1, 2011

District II  
811 S. First St., Artesia, NM 88210

Oil Conservation Division  
1220 South St. Francis Dr.

Submit one copy to appropriate District Office

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

Santa Fe, NM 87505

AMENDED REPORT

District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

**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 10/16/14
<sup>4</sup> API Number 30 - 015-42244	<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 926H

**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
A	22	17S	29E		90	North	963	East	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
A	15	17S	29E		13	North	835	East	Eddy

<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 10/16/14	<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
278421	HollyFrontier Refining & Marketing, LLC	O
221115	Frontier Field Services, LLC	G

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
DEC 08 2014

**IV. Well Completion Data**

RECEIVED

<sup>21</sup> Spud Date 8/19/14	<sup>22</sup> Ready Date 10/16/14	<sup>23</sup> TD 9951MD 4765TVD	<sup>24</sup> PBDT 9890	<sup>25</sup> Perforations 5074 - 9870	<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	270	400sx		
12-1/4	9-5/8	860	500sx		
8-3/4	7	4189	0		
7-7/8	5-1/2	9951	1900sx		
	2-7/8 tbg	4165			

**V. Well Test Data**

<sup>31</sup> Date New Oil 11/11/14	<sup>32</sup> Gas Delivery Date 11/11/14	<sup>33</sup> Test Date 11/17/14	<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 32	<sup>39</sup> Water 628	<sup>40</sup> Gas 20	<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:

11/25/14

Phone:

432-686-3087

OIL CONSERVATION DIVISION

Approved by:

*[Signature]*

Title:

*[Signature]*

Approval Date:

12-18-14

Pending BLM approvals will subsequently be reviewed and scanned

Provide "as-drilled" C-102

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. NMLC028731B
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
3a. Address ONE CONCHO CENTER 600 W. ILLINOIS AVE MIDLAND, TX 79701		7. If Unit or CA/Agreement, Name and/or No. NMNM111789X
3b. Phone No. (include area code) Ph: 432-686-3087		8. Well Name and No. DODD FEDERAL UNIT 926H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 22 T17S R29E Mer NMP NENE 90FNL 963FEL		9. API Well No. 30-015-42244
		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 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.)

9/17/14 Test frac valve to 7500psi. Spotted 2000 gals acid. Set plug @ 9890.  
10/3/14 Perf 15 stages @ 9652 - 9870 w/6 SPF, 36 holes, CBP @ 9598.  
Perf @ 9325 - 9543 w/6SPF, 36 holes, CBP @ 9271  
Perf @ 8998 - 9212 w/6SPF, 36 holes, CBP @ 8935.  
Perf @ 8668 - 8889 w/6SPF, 36 holes, CBP @ 8617.  
Perf @ 8344 - 8562 w/6SPF, 36 holes, CBP @ 8290.  
Perf @ 8017 - 8235 w/6SPF, 36 holes, CBP @ 7963.  
Perf @ 7690 - 7908 w/6SPF, 36 holes, CBP @ 7638.  
Perf @ 7363 - 7578 w/6SPF, 36 holes, CBP @ 7304.  
Perf @ 7036 - 7254 w/6SPF, 36 holes, CBP @ 6982.  
Perf @ 6709 - 6927 w/6SPF, 36 holes, CBP @ 6655.  
Perf @ 6382 - 6600 w/6SPF, 36 holes, CBP @ 6316.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

DEC 08 2014

*APD 12/18/14*  
**Accepted for record**  
**NMOC**

**RECEIVED**

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #283663 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 12/01/2014

**THIS SPACE FOR FEDERAL OR STATE**

*Pending BLM approvals will subsequently be reviewed and scanned*

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 to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Additional data for EC transaction #283663 that would not fit on the form**

**32. Additional remarks, continued**

Perf @ 6060 - 6273 w/6SPF, 36 holes, CBP @ 5998.

Perf @ 5728 - 5946 w/6SPF, 36 holes, CBP @ 5674.

Perf @ 5401 - 5619 w/6SPF, 36 holes, CBP @ 5347.

Perf @ 5074 - 5292 w/6SPF, 36 holes. Acidize 15 stages w/59,623gals acid. Frac w/1,791,862 gals gel, 218,971 gals WaterFrac, 258,816 gals treated water, 3,869,122# 20/40 brown sand, 610,710# 20/40 Garnett sand.

10/9/14 Drill out plugs. Clean out to PBTD 9890.

10/13/14 RIH w/135jts 2-7/8" J55 6.5# tbg, EOT @ 4165.

10/16/14 Turn over to production.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

DEC 08 2014

Form 3160-4  
(August 2007)

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**

**RECEIVED**

5. Lease Serial No.  
NMLC028731B

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
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 _____		7. Unit or CA Agreement Name and No. NMNM111789X	
2. Name of Operator COG OPERATING LLC		8. Lease Name and Well No. DODD FEDERAL UNIT 926H	
Contact: CHASITY JACKSON E-Mail: cjackson@concho.com		9. API Well No. 30-015-42244	
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)* Sec 22 T17S R29E Mer NMP At surface NENE 90FNL 963FEL Sec 22 T17S R29E Mer NMP At top prod interval reported below NENE 90FNL 963FEL Sec 15 T17S R29E Mer NMP At total depth NENE 13FNL 835FEL		10. Field and Pool, or Exploratory DODD;GLORIETA-UPPER YESO	
14. Date Spudded 08/19/2014		15. Date T.D. Reached 08/30/2014	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/16/2014		17. Elevations (DF, KB, RT, GL)* 3571 GL	
18. Total Depth: MD 9951 TVD 4765		19. Plug Back T.D.: MD 9890 TVD 9890	
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? <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 type="checkbox"/> No <input checked="" type="checkbox"/> 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		270		400			
12.250	9.625 J55	40.0		860		550			
8.750	7.000 L80	29.0		4189		1900			
7.875	5.500 L80	17.0	4189	9951					

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	4165							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5074	9870	5074 TO 9870	0.430	540	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5074 TO 9870	ACIDIZE W/59,623 GALS ACID. FRAC W/1,791,862 GALS GEL. 258,816 GALS TREATED WATER.
5074 TO 9870	218,971 GALS WATER FRAC, 3,869,122# 20/40 BROWN SAND, 610,710# 20/40 GARNETT SAND.

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
11/11/2014	11/17/2014	24	→	32.0	20.0	628.0	36.9	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	
			→	32	20	628	625	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

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

ELECTRONIC SUBMISSION #282176 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.)  
FLARED

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	813		LIMESTONE & DOLOMITE SANDSTONE SANDSTONE & DOLOMITE SANDSTONE & DOLOMITE DOLOMITE & LIMESTONE SANDSTONE	TANSIL	813
YATES	922			YATES	922
QUEEN	1817			QUEEN	1817
GRAYBURG	2207			GRAYBURG	2207
SAN ANDRES	2506			SAN ANDRES	2506
GLORIETA	3935			GLORIETA	3935
PADDOCK	3992			PADDOCK	3992
BLINEBRY	4474		BLINEBRY	4474	

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 #282176 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 11/26/2014

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 \*\***