

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
81 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 West Illinois Ave. Midland, TX 79701		<sup>2</sup> OGRID Number 229137
		<sup>3</sup> Reason for Filing Code/ Effective Date NW Effective 9/24/14
<sup>4</sup> API Number 30 - 015 - 42500	<sup>5</sup> Pool Name North Seven Rivers; Glorieta-Yeso	<sup>6</sup> Pool Code 97565
<sup>7</sup> Property Code 308751	<sup>8</sup> Property Name Noose Federal Com	<sup>9</sup> Well Number 10H

**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
O	35	17S	25E		170	South	2550	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
B	35	17S	25E		332	North	2528	East	Eddy
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 9/24/14	<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**

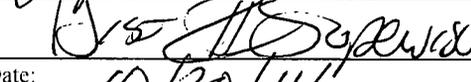
<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
278421	HollyFrontier Refining & Marketing LLC	O
36785	dcp Midstream	G
<b>NM OIL CONSERVATION</b> ARTESIA DISTRICT OCT 27 2014 RECEIVED		

**IV. Well Completion Data**

<sup>21</sup> Spud Date 7/22/14	<sup>22</sup> Ready Date 9/24/14	<sup>23</sup> TD 7498MD 2955TVD	<sup>24</sup> PBDT 7496	<sup>25</sup> Perforations 3194 - 7450	<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		
11	8-5/8	1204	1225sx		
7-7/8	5-1/2	7470	1100sx		
	2-7/8 tbg	2514			

**V. Well Test Data**

<sup>31</sup> Date New Oil 10/3/14	<sup>32</sup> Gas Delivery Date 10/3/14	<sup>33</sup> Test Date 10/5/14	<sup>34</sup> Test Length 24hrs	<sup>35</sup> Tbg. Pressure 70	<sup>36</sup> Csg. Pressure 70
<sup>37</sup> Choke Size	<sup>38</sup> Oil 357	<sup>39</sup> Water 1420	<sup>40</sup> Gas 268	<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:  Printed name: Title: E-mail Address: Date:	OIL CONSERVATION DIVISION Approved by:  Title:  Approval Date: 10/30/14
	Chasity Jackson Regulatory Analyst
	Pending BLM approvals will subsequently be reviewed and scanned
	cjackson@concho.com
	Phone: 432-686-3087

*logs*

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.  
NMNM111946

6. If Indian, Allottee or Tribe Name

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

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

8. Well Name and No.  
NOOSE FEDERAL COM 10H

9. API Well No.  
30-015-42500

10. Field and Pool, or Exploratory  
N. SEVEN RIVERS; GLORIETA

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 35 T17S R25E Mer NMP SWSE 170FSL 2550FEL

**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.)

8/28/14 Test frac valve to 7000psi. Spotted 2000 gals acid. Set plug @ 7465. 9/8/14 Perf 13 stages  
@ Perf @ 7226 - 7450 w/6SPF, 36 holes, CBP @ 7170.  
Perf @ 6890 - 7114 w/6SPF, 36 holes, CBP @ 6843.  
Perf @ 6554 - 6778 w/6SPF, 36 holes, CBP @ 6498.  
Perf @ 6218 - 6442 w/6SPF, 36 holes, CBP @ 6166.  
Perf @ 5879 - 6105 w/6SPF, 36 holes, CBP @ 5826.  
Perf @ 5546 - 5770 w/6SPF, 36 holes, CBP @ 5490.  
Perf @ 5213 - 5438 w/6SPF, 36 holes, CBP @ 5153.  
Perf @ 4874 - 5098 w/6SPF, 36 holes, CBP @ 4818.  
Perf @ 4538 - 4762 w/6SPF, 36 holes, CBP @ 4475.  
Perf @ 4202 - 4426 w/6SPF, 36 holes, CBP @ 4146.  
Perf @ 3866 - 4090 w/6SPF, 36 holes, CBP @ 3816.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

OCT 27 2014

*APD 10/30/14*  
Accepted for record  
NMOC

RECEIVED

14. I hereby certify that the foregoing is true and correct.  
Electronic Submission #273039 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 10/23/2014

**THIS SPACE FOR FEDERAL OR STATE OFFICIAL USE**

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 #273039 that would not fit on the form**

**32. Additional remarks, continued**

Perf @ 3529 - 3754 w/6SPF, 36 holes, CBP @ 3474.

Perf @ 3194 - 3418 w/6SPF, 36 holes. Acidize 13 stages w/49,957 gals HCL. Frac w/1,542,607 gals gel, 89,230 gals WaterFrac, 135,526 gals treated water, 3,185,267# 20/40 brown sand, 588,343# 20/40 CRC, 192,060# 16/30 white sand.

9/11/14 RU flowback equipment.

9/18/14 Drill out plugs. Clean out to PBD 7496.

9/23/14 RIH w/72jts 2-7/8" J55 6.5# tbg, EOT @ 2514.

9/24/14 Hang On.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
OCT 27 2014

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMMN111946

RECEIVED

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

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

8. Lease Name and Well No.  
**NOOSE FEDERAL COM 10H**

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

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

9. API Well No.  
**30-015-42500**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface **SWSE 170FSL 2550FEL**  
At top prod interval reported below **SWSE 170FSL 2550FEL**  
At total depth **NWNE 332FSL 2528FEL**

10. Field and Pool, or Exploratory  
**N SEVEN RIVERS; GLORIETA**

11. Sec., T., R., M., or Block and Survey  
or Area **Sec 35 T19S R25E Mer NMP**

12. County or Parish  
**EDDY**

13. State  
**NM**

14. Date Spudded  
**07/22/2014**

15. Date T.D. Reached  
**07/28/2014**

16. Date Completed  
 D & A  Ready-to-Prod.  
**09/24/2014**

17. Elevations (DF, KB, RT, GL)\*  
**3463 GL**

18. Total Depth: MD **7498**  
TVD **2955**

19. Plug Back T.D.: MD **7496**  
TVD **7496**

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**N/A**

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
11.000	8.625 J55	32.0		1204		1225			
7.875	5.500 L80	17.0		7470		1100			

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	2514							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	3194	7450	3194 TO 7450	0.430	468	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3194 TO 7450	ACIDIZE W/49,957 GALS 15% ACID. FRAC W/1,542,607 GALS GEL, 135,526 GALS TREATED WATER,
3194 TO 7450	89,230 GALS WATER FRAC, 3,185,267# 20/40 BROWN SAND, 588,343# 20/40 CRC, 192,060# 20/40 WHITE 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
10/03/2014	10/05/2014	24	→	357.0	268.0	1420.0	38.5	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	
			→	357	268	1420	751	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 #273012 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
GLORIETA PADDOCK	2460 2583		SANDSTONE DOLOMITE & ANHYDRITE	SANDSTONE PADDOCK	2460 2583

32. Additional remarks (include plugging procedure):

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 #273012 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 10/23/2014

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 \*\*

OCT 23 2014  
BLM CARLSBAD