

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  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-104  
Revised August 1, 2011

Submit one copy to appropriate District Office  
 AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

<sup>1</sup> Operator name and Address COG Operating LLC 2208 W. Main Street Artesia, NM 88210		<sup>2</sup> OGRID Number 229137
		<sup>3</sup> Reason for Filing Code/ Effective Date NW
<sup>4</sup> API Number 30-025-45276	<sup>5</sup> Pool Name WC-025 G-09 S243532M; WOLFBONE	<sup>6</sup> Pool Code 98098
<sup>7</sup> Property Code 322742	<sup>8</sup> Property Name Fez Federal Com	<sup>9</sup> Well Number 603H

**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
M	9	25S	35E		280	South	1055	West	Lea

**<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
4	4	25S	35E		232	North	1074	West	Lea

<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code F	<sup>14</sup> Gas Connection Date 11/17/19	<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
	ACC	O
36785	Targa Midstream Services, LP 10 Destra Drive Ste 2500 Midland, TX 79705	G
278421	Holly Refining and Marketing PO Box 159 Artesia, NM 88210	O

**IV. Well Completion Data**

<sup>21</sup> Spud Date 1/11/19	<sup>22</sup> Ready Date 11/7/19	<sup>23</sup> TD 22,333'	<sup>24</sup> PBDT 22,250'	<sup>25</sup> Perforations 12,500-22,230'	<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"	1109'	950		
12 1/4"	9 7/8"	11,541'	3500		
8 1/2"	5.5"	22,333'	4625		
	2 7/8"	11,650'			

**V. Well Test Data**

<sup>31</sup> Date New Oil 11/17/19	<sup>32</sup> Gas Delivery Date 11/17/19	<sup>33</sup> Test Date 11/17/19	<sup>34</sup> Test Length 24 Hrs	<sup>35</sup> Tbg. Pressure 3600#	<sup>36</sup> Csg. Pressure 3200#
<sup>37</sup> Choke Size 18/64"	<sup>38</sup> Oil 569	<sup>39</sup> Water 2864	<sup>40</sup> Gas 895		<sup>41</sup> Test Method Flowing

<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: <i>Amanda Avery</i> Printed name: Amanda Avery Title: Regulatory Analyst E-mail Address: aavery@concho.com Date: 01/07/2020	OIL CONSERVATION DIVISION Approved by: <i>P. Mast</i> Title: <i>L.M.</i> Approval Date: <i>1/21/2020</i>
	Phone: 575-748-6962

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.  
NMNM125658

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: AMANDA AVERY  
E-Mail: aavery@concho.com

3. Address 2208 W MAIN STREET  
ARTESIA, NM 88210 3a. Phone No. (include area code)  
Ph: 575-748-6940

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface Sec 9 T25S R35E Mer NMP  
SWSW 280FSL 1055FWL 32.138407 N Lat, 103.377614 W Lon  
At top prod interval reported below Sec 9 T25S R35E Mer NMP  
SWSW 280FSL 1055FWL 32.138407 N Lat, 103.377614 W Lon  
At total depth Sec 4 T25S R35E Mer NMP  
NWNW Lot 4 232FNL 1074FWL 32.166089 N Lat, 103.377510 W Lon

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
NMNM139190

8. Lease Name and Well No.  
FEZ FEDERAL COM 603H

9. API Well No.  
30-025-45276

10. Field and Pool, or Exploratory  
WC-025 G-09 S243532M; WB

11. Sec., T., R., M., or Block and Survey  
or Area Sec 9 T25S R35E Mer NMP

12. County or Parish  
LEA 13. State  
NM

14. Date Spudded  
01/11/2019 15. Date T.D. Reached  
05/14/2019 16. Date Completed  
 D & A  Ready to Prod.  
11/07/2019

17. Elevations (DF, KB, RT, GL)\*  
3252 GL

18. Total Depth: MD 22333 TVD 12252 19. Plug Back T.D.: MD 22250 TVD 12252 20. Depth Bridge Plug Set: MD 22250 TVD 12252

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

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
17.500	13.375 J55	54.5	0	1109		950		0	
12.250	9.625 L80	47.0	0	11541		3500		0	
8.500	5.500 P110	23.0	0	22333		4625		0	

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	11650	11640						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFBONE	12500	22230	12500 TO 22230		1568	OPEN
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
12500 TO 22230	SEE ATTACHED INFORMATION

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
11/17/2019	11/17/2019	24	→	569.0	895.0	2864.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
18/64	SI 3600	3200.0	→	569	895	2864		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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #498238 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
RUSTLER	787			RUSTLER	787
TOP OF SALT	1124			TOP OF SALT	1124
LAMAR	5309			LAMAR	5309
BELL CANYON	5336			BELL CANYON	5336
CHERRY CANYON	6260			CHERRY CANYON	6260
BRUSHY CANYON	7735			BRUSHY CANYON	7735
BONE SPRING LIMESTONE	8985			BONE SPRING LIMESTONE	8985
FIRST BONE SPRING	10378			FIRST BONE SPRING	10378

32. Additional remarks (include plugging procedure):

SECOND BONE SPRING 10864  
THIRD BONE SPRING 12059

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 #498238 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Hobbs

Name (please print) AMANDA AVERY Title REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission) Date 01/07/2020

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 \*\***