

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

RECEIVED

JUN 27 2019

DISTRICT IV ARTESIA O.C.D.

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 - 015-45164	<sup>5</sup> Pool Name Purple Sage; Wolfcamp (Gas)	<sup>6</sup> Pool Code 98220
<sup>7</sup> Property Code 322243	<sup>8</sup> Property Name Littlefield 33 Federal Com	<sup>9</sup> Well Number 707H

**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
9	33	26S	29E		250	South	811	West	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
D	28	26S	29E		210	North	968	West	Eddy
<sup>12</sup> Lse Code P	<sup>13</sup> Producing Method Code F	<sup>14</sup> Gas Connection Date 5/22/19	<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
	ACC	O
	Delaware Basin Midstream 9950 Woodlock Forrest Dr The Woodlands, TX 77380	G
	Holly Refining and Marketing Co.	O

**IV. Well Completion Data**

<sup>21</sup> Spud Date 10/31/18	<sup>22</sup> Ready Date 5/22/19	<sup>23</sup> TD 17175'	<sup>24</sup> PBDT 16998'	<sup>25</sup> Perforations 10,117-17,004'	<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		
14 3/4"	10 3/4"	590'	750		
9 7/8"	7 5/8"	9322'	2594		
6 3/4"	5 1/2"	17165'	1583		
	2 7/8"	9,385			

**V. Well Test Data**

<sup>31</sup> Date New Oil 5/22/19	<sup>32</sup> Gas Delivery Date 5/22/19	<sup>33</sup> Test Date 5/22/19	<sup>34</sup> Test Length 24 Hrs	<sup>35</sup> Tbg. Pressure 2700#	<sup>36</sup> Csg. Pressure 2800#
<sup>37</sup> Choke Size 24/64"	<sup>38</sup> Oil 308	<sup>39</sup> Water 2642	<sup>40</sup> Gas 2650	<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: *Amanda Avery*  
Printed name: Amanda Avery  
Title: Regulatory Analyst  
E-mail Address: aavery@concho.com  
Date: 6/24/19 Phone: 575-748-6962

OIL CONSERVATION DIVISION  
Approved by: *Karen Sharp*  
Title: *Staff Mgr*  
Approval Date: *7-16-19*  
Pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**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.  
NMLC065928A

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
LITTLEFIELD 33 FEDERAL COM 707H

2. Name of Operator  
COG OPERATING LLC  
Contact: AMANDA AVERY  
E-Mail: aavery@concho.com

9. API Well No.  
30-015-45164

3a. Address  
2208 W MAIN STREET  
ARTESIA, NM 88210

3b. Phone No. (include area code)  
Ph: 575-748-6940

10. Field and Pool or Exploratory Area  
PURPLE SAGE; WOLFCAMP GAS

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 33 T26S R29E Mer NMP SWNW 250FSL 811FWL  
32.000803 N Lat, 103.995558 W Lon

11. County or Parish, State  
EDDY COUNTY, NM

**12. CHECK THE 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"/> Hydraulic Fracturing	<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 Hydraulic Fracture
	<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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

2/25/19 Test annulus to 1500# Set Composite Bridge plug @ 17,093' and test csg to 11,150#. Perf 17,068-17,078' Injection test.  
4/3/19 to 4/15/19 Perf 10,117-17,004' (1248). Acdz w/60,228 gal 7 1/2%; frac w/ 14,053,820# sand & 12,835,746 gal fluid.  
4/29/19 to 4/30/19 Drilled out CFP's. Clean down to PBTD @16,998'.  
5/9/19 -5/10/19 Set 2 7/8" 6.5# L-80 tbg @ 9,385' packer @ 9,375'. Installed gas lift system.  
5/22/19 Began flowing back & testing. Date of first production.

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DISTRICT II-ARTESIA O.C.D.

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #470383 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad**

Name (Printed/Typed) AMANDA AVERY	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 06/24/2019

**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 knowingly States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	ted

Pending BLM approvals will subsequently be reviewed and scanned

(Instructions on page 2)

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

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

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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

DISTRICT II - ARTESIA, O.C.D.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMLC065928A

1a. Type of Well [ ] Oil Well [x] Gas Well [ ] Dry [ ] Other
b. Type of Completion [x] 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: AMANDA AVERY E-Mail: aavery@concho.com

8. Lease Name and Well No. LITTLEFIELD 33 FEDERAL COM 707H

3. Address 2208 W MAIN STREET ARTESIA, NM 88210

3a. Phone No. (include area code) Ph: 575-748-6940

9. API Well No. 30-015-45164

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*
Sec 33 T26S R29E Mer NMP
At surface SWNW Lot 9 250FSL 811FWL 32.000803 N Lat, 103.995580 W Lon
At top prod interval reported below SWNW Lot 9 250FSL 811FWL 32.000803 N Lat, 103.995580 W Lon
Sec 28 T26S R29E Mer NMP
At total depth NWNW Lot D 210FNL 968FWL 32.002057 N Lat, 103.994788 W Lon

10. Field and Pool, or Exploratory PURPLE SAGE; WOLFCAMP GAS

11. Sec., T., R., M., or Block and Survey or Area Sec 33 T26S R29E Mer NMP

12. County or Parish EDDY 13. State NM

14. Date Spudded 10/31/2018 15. Date T.D. Reached 12/09/2018

16. Date Completed [ ] D & A [x] Ready to Prod. 05/22/2019

17. Elevations (DF, KB, RT, GL)\* 2863 GL

18. Total Depth: MD 17175 TVD 10050 19. Plug Back T.D.: MD 16998 TVD 10050 20. Depth Bridge Plug Set: MD 17093 TVD 10050

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22. Was well cored? [x] No [ ] Yes (Submit analysis) Was DST run? [x] No [ ] Yes (Submit analysis) Directional Survey? [ ] No [x] Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Table with columns: 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. Includes data for 10.750 L80, 7.625 L80, and 5.500 P110.

24. Tubing Record

Table with columns: Size, Depth Set (MD), Packer Depth (MD). Includes data for size 2.875, depth set 9385, packer depth 9375.

25. Producing Intervals

26. Perforation Record

Table with columns: Formation, Top, Bottom, Perforated Interval, Size, No. Holes, Perf. Status. Includes data for WOLFCAMP formation, interval 10117-17004, size 1248.

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

Table with columns: Depth Interval, Amount and Type of Material. Includes data for interval 10117 TO 17004, material SEE ATTACHED.

28. Production - Interval A

Table with columns: Date First Produced, Test Date, Hours Tested, Test Production, Oil BBL, Gas MCF, Water BBL, Oil Gravity Corr. API, Gas Gravity, Production Method. Includes data for 05/22/2019, 24 hours, 308.0 BBL oil, 2650.0 MCF gas, 2642.0 BBL water, GAS LIFT method.

28a. Production - Interval B

Table with columns: Date First Produced, Test Date, Hours Tested, Test Production, Oil BBL, Gas MCF, Water BBL, Oil Gravity Corr. API, Gas Gravity, Production Method. Includes data for 05/22/2019, 24 hours, 308 BBL oil, 2650 MCF gas, 2642 BBL water, PGW method.

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

ELECTRONIC SUBMISSION #470384 VERIFIED BY THE BLM WELL INFORMATION SYSTEM \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED

Pending BLM approvals will subsequently be reviewed and scanned

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
LAMAR	2703			LAMAR	2703
BELL CANYON	2763			BELL CANYON	2763
CHERRY CANYON	3631			CHERRY CANYON	3631
BRUSHY CANYON	4916			BRUSHY CANYON	4916
BONE SPRING LIMESTONE	6466			BONE SPRING LIMESTONE	6466
1ST BONE SPRING	7380			1ST BONE SPRING	7380
2ND BONE SPRING	8196			2ND BONE SPRING	8196
3RD BONE SPRING	9247			3RD BONE SPRING	9247

32. Additional remarks (include plugging procedure):  
WOLFCAMP 9597

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 #470384 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad**

Name (please print) AMANDA AVERY Title AUTHORIZED REPRESENTATIVE

Signature \_\_\_\_\_ (Electronic Submission) Date 06/24/2019

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 \*\***