

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

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JUL 02 2019

DISTRICT II ARTESIA O.C.D.

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 - 015-45167	<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 806H

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

UI or lot no. 10	Section 33	Township 26S	Range 29E	Lot Idn	Feet from the 300	North/South Line South	Feet from the 2406	East/West line West	County Eddy
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<sup>11</sup> Bottom Hole Location

UI or lot no. C	Section 28	Township 26S	Range 29E	Lot Idn	Feet from the 207	North/South Line North	Feet from the 1813	East/West line West	County Eddy
<sup>12</sup> Lse Code P	<sup>13</sup> Producing Method Code F	<sup>14</sup> Gas Connection Date 6/1/19	<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

V-10,891

<sup>21</sup> Spud Date 10/19/18	<sup>22</sup> Ready Date 6/1/19	<sup>23</sup> TD 17951'	<sup>24</sup> PBTD 17867'	<sup>25</sup> Perforations 11,030-17,835'	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size 14 3/4"	<sup>28</sup> Casing & Tubing Size 10 3/4"	<sup>29</sup> Depth Set 619'	<sup>30</sup> Sacks Cement 1000		
9 7/8"	7 5/8"	10233'	2400		
6 3/4"	5 1/2"	17935'	1975		
	2 7/8"	10167			

V. Well Test Data

<sup>31</sup> Date New Oil 6/1/19	<sup>32</sup> Gas Delivery Date 6/1/19	<sup>33</sup> Test Date 6/1/19	<sup>34</sup> Test Length 24 Hrs	<sup>35</sup> Tbg. Pressure 4000#	<sup>36</sup> Csg. Pressure 3300#
<sup>37</sup> Choke Size 15/64"	<sup>38</sup> Oil 216	<sup>39</sup> Water 3017	<sup>40</sup> Gas 3514		<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:  
6/26/19

Phone:  
575-748-6962

OIL CONSERVATION DIVISION

Approved by: *Karen Sharp*

Title: *Staff Mgr*

Approval Date: *7-19-19*

Pending BLM approvals will  
subsequently be reviewed  
and scanned

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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.

8. Well Name and No.  
LITTLEFIELD 33 FEDERAL COM 806H9. API Well No.  
30-015-4516710. Field and Pool or Exploratory Area  
PURPLE SAGE; WOLFCAMP GAS11. County or Parish, State  
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator  
COG OPERATING LLC  
Contact: AMANDA AVERY  
E-Mail: aavery@concho.com3a. Address  
2208 W MAIN STREET  
ARTESIA, NM 88210  
3b. Phone No. (include area code)  
Ph: 575-748-69404. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 33 T26S R29E Mer NMP SESW 300FSL 2406FWL  
32.009380 N Lat, 103.990434 W Lon**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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Hydraulic Fracture
	<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 must 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 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.

2/28/19 Test annulus to 1500# Set Composite Bridge plug @ 17,875' and test csg to 11,197#. Test good

4/11/19 to 4/26/19 Perf 11,030-17,83.5' (1368). Acdz w/116,106 gal 7 1/2%; frac w/ 13,674,161# sand & 15,525,390 gal fluid.

5/2/19 to 5/3/19 Drilled out CFP's. Clean down to PBTD @ 17,867'.

5/10/19 -5/12/19 Set 2 7/8" 6.5# L-80 tbg @ 10,167' packer @ 10,157'. Installed gas lift system.

6/1/19 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 #470983 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 06/27/2019

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

(Instructions on page 2)

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

Pending BLM approvals will  
subsequently be reviewed  
and scanned

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

JUL 02 2019

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

5. Lease Serial No.  
NMLC065928A

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" 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.	
2. Name of Operator COG OPERATING LLC		8. Lease Name and Well No. LITTLEFIELD 33 FEDERAL COM 806H	
3. Address 2208 W MAIN STREET ARTESIA, NM 88210		9. API Well No. 30-015-45167	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 33 T26S R29E Mer NMP At surface SESW Lot 10 300FSL 2406FWL 32.000938 N Lat, 103.990434 W Lon Sec 33 T26S R29E Mer NMP At top prod interval reported below SESW Lot 10 300FSL 2406FWL 32.000938 N Lat, 103.990434 W Lon Sec 28 T26S R29E Mer NMP At total depth NENW Lot C 207FNL 1813FWL 32.020558 N Lat, 103.992064 W Lon		10. Field and Pool, or Exploratory PURPLE SAGE; WOLFCAMP GAS	
14. Date Spudded 10/19/2018		11. Sec., T., R., M., or Block and Survey or Area Sec 33 T26S R29E Mer NMP	
15. Date T.D. Reached 01/24/2019		12. County or Parish EDDY	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/01/2019		13. State NM	
17. Elevations (DF, KB, RT, GL)* 2861 GL			
18. Total Depth: MD 17951 TVD 10891	19. Plug Back T.D.: MD 17867 TVD 10891	20. Depth Bridge Plug Set: MD 17875 TVD 10891	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)		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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	10.750 L80	45.5	0	619		1000		0	
9.875	7.625 L80	29.7	0	10233	2706	2400		0	
6.750	5.500 P110	23.0	0	17935		1975		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	10167	10157						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	11030	17835	11030 TO 17835		1368	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
11030 TO 17835	SEE ATTACHED

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
06/01/2019	06/01/2019	24	→	216.0	3514.0	3017.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
15/64	400 SI	3300.0	→	216	3514	3017		PGW	

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	
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio		
	SI		→						

Pending BLM approvals will subsequently be reviewed and scanned

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

ELECTRONIC SUBMISSION #470984 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OP

NOT 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
LAMAR	2714			LAMAR	2714
CHERRY CANYON	3592			CHERRY CANYON	3592
BRUSHY CANYON	4994			BRUSHY CANYON	4994
BONE SPRING LIMESTONE	6487			BONE SPRING LIMESTONE	6487
1ST BONE SPRING	7422			1ST BONE SPRING	7422
2ND BONE SPRING	8244			2ND BONE SPRING	8244
3RD BONE SPRING	9290			3RD BONE SPRING	9290
WOLFCAMP	9637			WOLFCAMP	9637

## 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 #470984 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) AMANDA AVERYTitle AUTHORIZED REPRESENTATIVE

Signature \_\_\_\_\_ (Electronic Submission)

Date 06/27/2019

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 \*\***