

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 12 2019

DISTRICT IV ARTESIA O.C.D.

Form C-104  
Revised August 1, 2011

Submit 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 - 015-45162	<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 705H

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
10	33	26S	29E		300	South	2436	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
C	28	26S	29E		200	North	2155	West	Eddy
<sup>12</sup> Lse Code P	<sup>13</sup> Producing Method Code F	<sup>14</sup> Gas Connection Date 5/30/19	<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 10/30/18	<sup>22</sup> Ready Date 5/30/19	<sup>23</sup> TD 17079'	<sup>24</sup> PBTB 16900'	<sup>25</sup> Perforations 10,255-16,895'	<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"	588'	750		
13 1/2"	7 5/8"	9380'	2700		
6 3/4"	5 1/2"	17065'	1550		
	2 7/8"	9,446'			

V. Well Test Data

<sup>31</sup> Date New Oil 5/30/19	<sup>32</sup> Gas Delivery Date 5/30/19	<sup>33</sup> Test Date 5/30/19	<sup>34</sup> Test Length 24 Hrs	<sup>35</sup> Tbg. Pressure 2994#	<sup>36</sup> Csg. Pressure 1600#
<sup>37</sup> Choke Size 24/64"	<sup>38</sup> Oil 380	<sup>39</sup> Water 2447	<sup>40</sup> Gas 3378		<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:  
6/10/19

Phone:  
575-748-6962

OIL CONSERVATION DIVISION

Approved by: *Karen Sharp*

Title: *Staff Mgr*

Approval Date: *6-25-19*

Pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

JUN 12 2019

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.

8. Well Name and No.  
LITTLEFIELD 33 FEDERAL COM 705H9. API Well No.  
30-025-4516210. Field and Pool or Exploratory Area  
PURPLE SAGE; WOLFCAMP11. 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 LLCContact: AMANDA AVERY  
E-Mail: aavery@concho.com3a. Address  
2208 W MAIN STREET  
ARTESIA, NM 882103b. 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 NENW 300FNL 2436FWL  
32.000938 N Lat, 103.990338 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.

3/8/19 Test annulus to 1500# Set Composite Bridge plug @ 17,000' and test csg to 11,188#. Good test.

3/28/19 to 4/8/19 Perf 10,255-16,895' (1216). Acdz w/114,2766 gal 7 1/2%; frac w/ 13,404,270# sand & 15,525,126 gal fluid.

4/29/19 to 4/30/19 Drilled out CFP's. Clean down to PBTD @16,900'.

5/1/19 -5/9/19 Set 2 7/8" 6.5# L-80 tbg @ 9,446 ' packer @ 9,436'. Installed gas lift system.

5/30/19 Began flowing back & testing. Date of first production.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #468493 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 06/11/2019

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

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

(Instructions on page 2)

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

Pending BLM approvals will subsequently be reviewed and scanned

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JUN 12 2019

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DISTRICT II-ARTESIA O.C.D.

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. NMLC065928A		
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 _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator COG OPERATING LLC    Contact: AMANDA AVERY E-Mail: aavery@concho.com			7. Unit or CA Agreement Name and No.		
3. Address    2208 W MAIN STREET ARTESIA, NM 88210			8. Lease Name and Well No. LITTLEFIELD 33 FEDERAL COM 705H		
3a. Phone No. (include area code) Ph: 575-748-6940			9. API Well No. 30-025-45162		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 33 T26S R29E Mer NMP At surface    NENW Lot 10 300FSL 2436FWL 32.000938 N Lat, 103.990338 W Lon Sec 33 T26S R29E Mer NMP At top prod interval reported below    NENW Lot 10 300FSL 2436FWL 32.000938 N Lat, 103.990338 W Lon Sec 28 T26S R29E Mer NMP At total depth    NENW Lot C 200FNL 2155FWL 32.020567 N Lat, 103.990960 W Lon			10. Field and Pool, or Exploratory PURPLE SAGE; WOLFCAMP		
14. Date Spudded 10/30/2018			15. Date T.D. Reached 01/04/2019		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 05/30/2019			17. Elevations (DF, KB, RT, GL)* 2860 GL		
18. Total Depth:    MD    17079 TVD    10065		19. Plug Back T.D.:    MD    16900 TVD    10065		20. Depth Bridge Plug Set:    MD    1700 TVD    10065	
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	588		750		0	
13.500	7.625 L80	29.7	0	9379	2722	2700		0	
6.750	5.500 P110	18.0	0	17065		1550		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	9446	9436						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	10255	16895	10255 TO 16895		1216	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10255 TO 16895	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
05/30/2019	05/30/2019	24	→	380.0	3378.0	2447.0			GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
18/64	2994 SI 1600		→	380	3378	2447		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	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #468495 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	2717			LAMAR	2717
CHERRY CANYON	3654			CHERRY CANYON	3654
BRUSHY CANYON	4932			BRUSHY CANYON	4932
BONE SPRING LIMESTONE	6481			BONE SPRING LIMESTONE	6481
1ST BONE SPRING	7408			1ST BONE SPRING	7408
2ND BONE SPRING	8234			2ND BONE SPRING	8234
3RD BONE SPRING	9286			3RD BONE SPRING	9286
WOLFCAMP	9640			WOLFCAMP	9640

## 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 #468495 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 06/11/2019

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 \*\***