

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

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 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 - 025-45103	<sup>5</sup> Pool Name WC-025 G-08 S203435D; WOLFCAMP		<sup>6</sup> Pool Code 98247
<sup>7</sup> Property Code 322258	<sup>8</sup> Property Name Little Bear Federal Com		<sup>9</sup> Well Number 7H

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

Ul or lot no. O	Section 33	Township 20S	Range 34E	Lot Idn	Feet from the 696	North/South Line South	Feet from the 2137	East/West line East	County Lea
--------------------	---------------	-----------------	--------------	---------	----------------------	---------------------------	-----------------------	------------------------	---------------

**<sup>11</sup> Bottom Hole Location**

Ul or lot no. J	Section 28	Township 20S	Range 34E	Lot Idn	Feet from the 2420	North/South Line South	Feet from the 1650	East/West line East	County Lea
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code F	<sup>14</sup> Gas Connection Date 6/23/19	<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
	Targa Midstream Services, LP 1000 Louisiana Ste 4700 Houston, TX 77002	G
	Holly Refining and Marketing Co.	O

**IV. Well Completion Data**

<sup>21</sup> Spud Date 12/31/18	<sup>22</sup> Ready Date 6/23/19	<sup>23</sup> TD 18617'	<sup>24</sup> PBDT 18430'	<sup>25</sup> Perforations 11,710-18,484'	<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
20"		16"	1843'		2070
13 1/2"		10 3/4"	5697'		3325
9 7/8"		7 5/8"	10919'		1500
6 3/4"		5 & 5 1/2	18617'		1525
		2 7/8	10,402		

**V. Well Test Data**

<sup>31</sup> Date New Oil 6/23/19	<sup>32</sup> Gas Delivery Date 6/23/19	<sup>33</sup> Test Date 6/23/19	<sup>34</sup> Test Length 24 Hrs	<sup>35</sup> Tbg. Pressure 2200#	<sup>36</sup> Csg. Pressure 1500#
<sup>37</sup> Choke Size 24/64"	<sup>38</sup> Oil 100	<sup>39</sup> Water 1683	<sup>40</sup> Gas 224		<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:  
8/5/19

Phone:  
575-748-6962

OIL CONSERVATION DIVISION

Approved by:

*[Signature]*

Title:

*L.M.*

Approval Date:

*8/15/2019*

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.***SUBMIT IN TRIPLICATE - Other instructions on page 2**5. Lease Serial No.  
NMNM0000082

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
LITTLE BEAR FEDERAL COM 7H9. API Well No.  
30-025-4510310. Field and Pool or Exploratory Area  
WILDCAT; WOLFCAMP11. County or Parish, State  
LEA 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
	<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 recomple 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.

3/14/19 Test annulus to 1500# Set Composite Bridge plug @ 18,484' and test csg to 9480#. Good test.

4/30/19 to 5/13/19 Perf 11,710-18,484' (1050). Acdz w/57,204 gal 7 1/2%; frac w/ 13,973,629# sand & 12,368,133 gal fluid.

5/27/19 to 5/29/19 Drilled out CFP's. Clean down to PBTD @18,430'.

6/8/19 6/10/19 Set 2 7/8" 6.5# L-80 tbg @ 10,403' packer @ 10,393'. Installed gas lift system.

6/23/19 Began flowing back & testing. Date of first production.

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

**Electronic Submission #476675 verified by the BLM Well Information System  
For COG OPERATING LLC, sent to the Hobbs**Name (Printed/Typed) **AMANDA AVERY**Title **AUTHORIZED REPRESENTATIVE**

Signature (Electronic Submission)

Date **08/05/2019****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 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.

(Instructions on page 2)

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

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

HOBBS OCD  
AUG 15 2019  
RECEIVED

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NM0000082	
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. Well Other _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator COG OPERATING LLC		7. Unit or CA Agreement Name and No.	
Contact: AMANDA AVERY E-Mail: aavery@concho.com		8. Lease Name and Well No. LITTLE BEAR FEDERAL COM 7H	
3. Address 2208 W MAIN STREET ARTESIA, NM 88210		9. API Well No. 30-025-45103	
3a. Phone No. (include area code) Ph: 575-748-6940		10. Field and Pool, or Exploratory WILDCAT; WOLFCAMP	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 33 T20S R34E Mer NMP At surface SWSE Lot O 696FSL 2137FEL 32.524238 N Lat, 103.563575 W Lon Sec 33 T20S R34E Mer NMP At top prod interval reported below SWSE Lot O 696FSL 2137FEL 32.524238 N Lat, 103.563575 W Lon Sec 28 T20S R34E Mer NMP At total depth NWSE Lot J 2420FSL 1650FEL 32.543501 N Lat, 103.562019 W Lon		11. Sec., T., R., M., or Block and Survey or Area Sec 33 T20S R34E Mer NMP	
12. County or Parish LEA		13. State NM	
14. Date Spudded 12/31/2018	15. Date T.D. Reached 01/29/2019	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/23/2019	
17. Elevations (DF, KB, RT, GL)*			
18. Total Depth: MD 18617 TVD 11407	19. Plug Back T.D.: MD 18430 TVD 11407	20. Depth Bridge Plug Set: MD 18516 TVD 11407	
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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20.000	16.000 J55	84.0	0	1843		2070		0	
13.500	10.750 L80	45.5	0	5697	3808	3325		0	
9.875	7.625 L80	29.7	0	10919		1500		0	
6.750	5.500 P110	20.0	0	18617		1525		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	10403	10393						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	11710	18484	11710 TO 18484		1050	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
11710 TO 18484	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
06/23/2019	06/23/2019	24	→	100.0	224.0	1683.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
24/64	2200	1500.0	→	100	224	1683		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 #476651 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	1735			RUSTLER	1735
TOP OF SALT	2129			TOP OF SALT	2129
BOTTOM OF SALT	3470			BOTTOM OF SALT	3470
BRUSHY CANYON	8435			BRUSHY CANYON	8435
BONE SPRING LIMESTONE	8801			BONE SPRING LIMESTONE	8801
1ST BONE SPRING	9916			1ST BONE SPRING	9916
2ND BONE SPRING	10360			2ND BONE SPRING	10360
3RD BONE SPRING	11244			3RD BONE SPRING	11244

32. Additional remarks (include plugging procedure):  
WOLFCAMP 11560

## 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 #476651 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Hobbs

Name (please print) AMANDA AVERYTitle AUTHORIZED REPRESENTATIVE

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

Date 08/05/2019

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 \*\***