

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 - 025-44742	<sup>5</sup> Pool Name Bobcat Draw; Upper Wolfcamp	<sup>6</sup> Pool Code 98094
<sup>7</sup> Property Code 321209	<sup>8</sup> Property Name Dominator 25 Federal Com	<sup>9</sup> Well Number 605H

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

UI or lot no. O	Section 25	Township 25S	Range 33E	Lot Idn	Feet from the 280	North/South Line South	Feet from the 1950	East/West line East	County Lea
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<sup>11</sup> Bottom Hole Location

UI or lot no. B	Section 25	Township 25S	Range 33E	Lot Idn	Feet from the 210	North/South Line North	Feet from the 2173	East/West line East	County Lea
<sup>12</sup> Lse Code P	<sup>13</sup> Producing Method Code F	<sup>14</sup> Gas Connection Date 4/11/19	<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
	Alpha Crude Connector Pipeline	O
298751	Energy Transfer 2001 Bryan Street Ste 3700 Dallas, TX 75201	G
278421	Holly Refining and Marketing Company PO Box 159 Artesia, NM 88210	O

IV. Well Completion Data

<sup>21</sup> Spud Date 8/1/18	<sup>22</sup> Ready Date 4/11/19	<sup>23</sup> TD 17,600'	<sup>24</sup> PBSD 16,956'	<sup>25</sup> Perforations 12,805-16,890'	<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"	1225'	1000		
9 7/8"	7 5/8"	11764'	2700		
6 3/4"	5 1/2"	16956'	1500		
	2 7/8"	11434'			

V. Well Test Data

<sup>31</sup> Date New Oil 4/11/19	<sup>32</sup> Gas Delivery Date 4/11/19	<sup>33</sup> Test Date 4/11/19	<sup>34</sup> Test Length 24 Hrs	<sup>35</sup> Tbg. Pressure 3600#	<sup>36</sup> Csg. Pressure 1350#
<sup>37</sup> Choke Size 25/64"	<sup>38</sup> Oil 108	<sup>39</sup> Water 1110	<sup>40</sup> Gas 115		<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:

5/20/19

Phone:

575-748-6962

OIL CONSERVATION DIVISION

Approved by:

*Karen Sharp*

Title:

*Staff Mgr*

Approval Date:

5-29-19

Documents 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: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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. NMNM121958		
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			7. Unit or CA Agreement Name and No.		
Contact: AMANDA AVERY E-Mail: aaavery@concho.com			8. Lease Name and Well No. DOMINATOR 25 FEDERAL COM 605H		
3. Address 2208 W MAIN STREET ARTESIA, NM 88210			9. API Well No. 30-025-44742		
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)* At surface SWSE Lot O 280FSL 1950FEL 32.095027 N Lat, 103.523824 W Lon At top prod interval reported below SWSE Lot O 280FSL 1950FEL 32.095027 N Lat, 103.523824 W Lon At total depth NWNE Lot B 210FNL 2173FEL 32.108187 N Lat, 103.524542 W Lon			11. Sec., T., R., M., or Block and Survey or Area Sec 25 T2S R33E Mer NMP		
14. Date Spudded 08/01/2018			12. County or Parish LEA		
15. Date T.D. Reached 08/24/2018			13. State NM		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/11/2019			17. Elevations (DF, KB, RT, GL)* 3340 GL		
18. Total Depth: MD 16956 TVD 12520			19. Plug Back T.D.: MD 16910 TVD 12520		
20. Depth Bridge Plug Set: MD 16910 TVD 12520					
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
14.750	10.750 L80	45.5	0	1225		1000		0	
9.875	7.625 L80	29.7	0	11764	5129	2700		0	
6.750	5.500 P110	18.0	0	16956		1500		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	11434	11424						

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12805	16890	12805 TO 16890		768	OPEN
B)						
C)						
D)						

## 26. Perforation Record

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

Depth Interval	Amount and Type of Material
12805 TO 16890	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
04/11/2019	04/11/2019	24	→	108.0	115.0	1110.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
25/64	SI 3600	1350.0	→	108	115	1110		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 #465943 VERIFIED BY THE BLM WELL INFORMATION  
\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTEDDocuments pending BLM approvals will  
subsequently be reviewed and scanned  
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	1061			RUSTLER	1061
TOP OF SALT	1414			TOP OF SALT	1414
BOTTOM OF SALT	4922			BOTTOM OF SALT	4922
LAMAR	5172			LAMAR	5172
BELL CANYON	5228			BELL CANYON	5228
CHERRY CANYON	6193			CHERRY CANYON	6193
BRUSHY CANYON	7817			BRUSHY CANYON	7817
BONE SPRING LIMESTONE	9324			BONE SPRING LIMESTONE	9324

## 32. Additional remarks (include plugging procedure):

1ST BONE SPRING 10305  
2ND BONE SPRING 10891  
3RD BONE SPRING 11977  
WOLFCAMP 12530

## 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 #465943 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Hobbs

Name (please print) AMANDA AVERY

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 05/20/2019

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 \*\***

		Distance Between Perfs		Shots		Distance Between Perfs		Shots		Distance Between Perfs		Shots		Distance Between Perfs		Shots
From Bottom to Top	16,890	22	5	16,870	64	5	16,531	24	5	16,354	23	5	16,177	21	5	
	16,868	23	5	16,654	17	5	16,511	23	5	16,332	22	5	16,153	20	5	
	16,845	22	5	16,637	13	5	16,488	22	5	16,310	23	5	16,133	24	5	
	16,823	22	4	16,624	16	4	16,466	22	4	16,287	22	4	16,109	23	4	
	16,801	23	4	16,608	17	4	16,444		4	16,265	22	4	16,086	22	4	
	16,778	22	3	16,591	17	3	16,421	22	3	16,243	23	3	16,064	19	3	
	16,756	22	3	16,574	19	3	16,399	22	3	16,220	22	3	16,045	26	3	
	16,734		3	16,555		3	16,377		3	16,198		3	16,019		3	
	Plug to Plug	87	32	Plug to Plug	60	32	Plug to Plug	78	32	Plug to Plug	78	32	Plug to Plug	78	32	
	Frac Plug	16,910	Total Shots	Frac Plug	16,684	Total Shots	Frac Plug	16,544	Total Shots	Frac Plug	16,365	Total Shots	Frac Plug	16,187	Total Shots	

		Distance Between Perfs		Shots		Distance Between Perfs		Shots		Distance Between Perfs		Shots		Distance Between Perfs		Shots
From Bottom to Top	15,997	22	5	15,815	26	5	15,630	32	5	15,455	29	5	15,273	32	5	
	15,975	23	5	15,796	24	5	15,618	21	5	15,439	22	5	15,260	22	5	
	15,952	22	5	15,772	20	5	15,597	24	5	15,417	23	5	15,238	22	5	
	15,930	22	4	15,752	23	4	15,573	22	4	15,394	22	4	15,218	22	4	
	15,908	22	4	15,729	22	4	15,551	23	4	15,372	22	4	15,194	22	4	
	15,886	23	3	15,707	22	3	15,528	22	3	15,350	20	3	15,172	23	3	
	15,863	22	3	15,685	23	3	15,506	22	3	15,330	25	3	15,149	18	3	
	15,841		3	15,662		3	15,484		3	15,305		3	15,131		3	
	Plug to Plug	78	32	Plug to Plug	78	32	Plug to Plug	72	32	Plug to Plug	79	32	Plug to Plug	70	32	
	Frac Plug	16,008	Total Shots	Frac Plug	15,830	Total Shots	Frac Plug	15,645	Total Shots	Frac Plug	15,473	Total Shots	Frac Plug	15,286	Total Shots	

		Distance Between Perfs		Shots		Distance Between Perfs		Shots		Distance Between Perfs		Shots		Distance Between Perfs		Shots
From Bottom to Top	15,100	31	5	14,926	22	5	14,735	34	5	14,562	29	5	14,390	22	5	
	15,080	20	5	14,903	22	5	14,725	23	5	14,546	22	5	14,368	23	5	
	15,060	23	5	14,881	22	5	14,702	22	5	14,524	22	5	14,345	22	5	
	15,037	22	4	14,859	23	4	14,680	22	4	14,502	23	4	14,323	22	4	
	15,015	22	4	14,836	22	4	14,658	23	4	14,479	22	4	14,301	23	4	
	14,993	23	3	14,814	22	3	14,635	22	3	14,457	22	3	14,278	22	3	
	14,970	22	3	14,792	23	3	14,613	22	3	14,435	23	3	14,256	22	3	
	14,948		3	14,769		3	14,591		3	14,412		3	14,234		3	
	Plug to Plug	78	32	Plug to Plug	78	32	Plug to Plug	68	32	Plug to Plug	78	32	Plug to Plug	78	32	
	Frac Plug	15,115	Total Shots	Frac Plug	14,937	Total Shots	Frac Plug	14,748	Total Shots	Frac Plug	14,580	Total Shots	Frac Plug	14,401	Total Shots	

		Distance Between Perfs		Shots		Distance Between Perfs		Shots		Distance Between Perfs		Shots		Distance Between Perfs		Shots
From Bottom to Top	14,202	32	5	14,030	25	5	13,808	69	5	13,673	25	5	13,497	22	5	
	14,189	22	5	14,010	22	5	13,797	10	5	13,653	24	5	13,475	23	5	
	14,167	23	5	13,988	22	5	13,787	9	5	13,629	20	5	13,452	22	5	
	14,144	22	4	13,966	23	4	13,778	11	4	13,609	23	4	13,430	22	4	
	14,122	22	4	13,943	22	4	13,767	24	4	13,586	22	4	13,408	23	4	
	14,100	23	3	13,921	22	3	13,743	20	3	13,564	22	3	13,385	22	3	
	14,077	22	3	13,899	22	3	13,723	25	3	13,542	23	3	13,363	22	3	
	14,055		3	13,877		3	13,698		3	13,519		3	13,341		3	
	Plug to Plug	79	32	Plug to Plug	78	32	Plug to Plug	47	32	Plug to Plug	78	32	Plug to Plug	78	32	
	Frac Plug	14,223	Total Shots	Frac Plug	14,044	Total Shots	Frac Plug	13,825	Total Shots	Frac Plug	13,687	Total Shots	Frac Plug	13,508	Total Shots	

		Distance Between Perfs		Shots		Distance Between Perfs		Shots		Stage 24	Distance Between Perfs		Shots		Stage 25	Distance Between Perfs		Shots
From Bottom to Top	13,312	29	5	13,138	24	5	12,955	29	5		12805					0		
	13,296	22	5	13,118	23	5	12,934	17	5									
	13,274	22	5	13,095	22	5	12,917	22	5									
	13,252	23	4	13,073	22	4	12,895	23	4									
	13,229	22	4	13,051	23	4	12,872	22	4									
	13,207	22	3	13,028	22	3	12,850	23	3									
	13,185	23	3	13,006	22	3	12,827	22	3									
	13,162		3	12,984		3	12,805		3									
	Plug to Plug	73	32	Plug to Plug	27	32	Plug to Plug	74	32	Plug to Plug	0	0	Plug to Plug	0	0	Plug to Plug	0	0
	Frac Plug	13,325	Total Shots	Frac Plug	13,100	Total Shots	Frac Plug	12,969	Total Shots	Frac Plug		Total Shots	Frac Plug		Total Shots	Frac Plug		Total Shots

### **Dominator Federal Com #605H**

<b><u>Perfs</u></b>	<b><u>7 1/2% Acid (Gal)</u></b>	<b><u>Sand (#)</u></b>	<b><u>Fluid (Gal)</u></b>
1	1512	388640	323820
2	3024	375880	328524
3	3024	376480	278964
4	3024	370040	309456
5	3024	368430	283164
6	3024	363740	307818
7	3024	367860	282828
8	3024	369240	305760
9	3024	378520	285600
10	3024	376840	309792
11	3024	380840	311640
12	3024	375260	288582
13	3024	382560	297990
14	3024	373980	307608
15	3024	376180	302484
16	3024	373040	292908
17	2982	378140	285726
18	4536	369880	351540
19	2982	381880	307608
20	3024	368380	328944
21	2982	399560	287112
22	3024	372440	331296
23	3024	374360	293412
<b>Totals</b>	<b>69,426</b>	<b>8,642,170</b>	<b>7,002,576</b>

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**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.*FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 20185. Lease Serial No.  
NMNM121958

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
DOMINATOR 25 FEDERAL COM 605H9. API Well No.  
30-025-4474210. Field and Pool or Exploratory Area  
WILDCAT; WOLFCAMP11. County or Parish, State  
LEA 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: 575-748-6940

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 25 T25S R33E Mer NMP SWSE 280FSL 1950FEL  
32.095027 N Lat, 103.523824 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 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.

10/1/18 Test annulus to 1500# Set CBP @ 16,910' and test csg to 11,000#. Good test.

12/27/18 to 1/11/19 Perf 12,805-16,890' (800). Acdz w/69,426 gal 7 1/2%; frac w/ 8,642,170# sand &amp; 7,002,576 gal fluid.

1/16/19 - 1/17/19 Drilled out CFP's. Clean down to PBTD @ 16,910'.

1/20/19 - 1/27/19 Set 2 7/8" 6.5# L-80 tbg @ 11,434' packer @ 11,424'. Installed gas lift system.

4/11/19 Began flowing back &amp; testing. Date of first production.

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

Electronic Submission #465924 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 05/20/2019

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

Documents pending BLM approvals will be subsequently be reviewed and scanned  
Date \_\_\_\_\_  
United States

(Instructions on page 2)

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