

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 - 025-43931	<sup>5</sup> Pool Name Dogie Draw; Wolfcamp	<sup>6</sup> Pool Code 17980
<sup>7</sup> Property Code 319419	<sup>8</sup> Property Name White Falcon 16 Federal Com	<sup>9</sup> Well Number 21H

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

UL or lot no C	Section 16	Township 25S	Range 35E	Lot Idn	Feet from the 226	North/South N Line	Feet from the 2020	East/West line W	County Lea
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<sup>11</sup> Bottom Hole Location

UL or lot no N	Section 21	Township 25S	Range 35E	Lot Idn	Feet from the 200	North/South line South	Feet from the 2325	East/West line West	County Lea
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code F	<sup>14</sup> Gas Connection Date 7/22/18	<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
24650	Targa Midstream Services, LP 1000 Louisiana Ste 4700 Houston, TX 77002	

IV. Well Completion Data

<sup>21</sup> Spud Date 10/25/17	<sup>22</sup> Ready Date 7/18/18	<sup>23</sup> TD 22492 / 12513	<sup>24</sup> PBTB 22355	<sup>25</sup> Perforations 12683-22275	<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		
17 1/2	13 3/8	1015'	1600		
12 1/4	9 5/8	11,712'	2575 ✓		
8 1/2	5 1/2	22490'	4300		

V. Well Test Data

<sup>31</sup> Date New Oil 7/22/18	<sup>32</sup> Gas Delivery Date 7/22/18	<sup>33</sup> Test Date 7/22/18	<sup>34</sup> Test Length 24 Hrs	<sup>35</sup> Tbg. Pressure 3600	<sup>36</sup> Csg. Pressure 2300
<sup>37</sup> Choke Size 20/64	<sup>38</sup> Oil 796	<sup>39</sup> Water 1658	<sup>40</sup> Gas 599	<sup>41</sup> Test Method	

<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 Tech

E-mail Address:

aavery@concho.com

Date:

08/14/18

Phone:

575-748-6940

OIL CONSERVATION DIVISION

Approved by:

*Karen Sharp*

Title:

*Staff Mgr*

Approval Date:

8-28-18

Documents 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: July 31, 2010

**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.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM112942
2. Name of Operator COG Operating LLC		6. If Indian, Allottee, or Tribe Name
3a. Address 2208 W. Main Street Artesia, NM 88210	3b. Phone No. (include area code) 575-748-6940	7. If Unit or CA. Agreement Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 226' FNL & 2020' FWL, Sec 16-T25S-R35 E		8. Well Name and No. White Falocn 16 Federal Com #21H
Lat. Long.		9. API Well No. 30-025-43931
		10. Field and Pool, or Exploratory Area Dogie Draw; Wolfcamp
		11. County or Parish, State Lea NM

12. CHECK APPROPRIATE BOX(S) 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"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Completions Operations</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	
<input type="checkbox"/> Final Abandonment Notice	<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 recompleate horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

03/15/18 Set CBP @ 22,375' and test csg to 11,517#. Good test. Perf 22,340'-22,350' (60). Injection test.  
04/07/18 to 05/10/18 Perf 12,683'-22,275' (2560). Acdz w/200,042 gal 7 1/2%; frac w/20,001,059# sand & 18,852,231 gal fluid.  
06/24/18 to 06/27/18 Drilled out CFP's. Clean down to CBP @ 22,375'.  
07/01/18 Set 2 7/8" 6.5# L-80 tbg @ 11,895' & pkr @ 11,860'. Installed gas lift system.  
07/22/18 Began flowing back & testing.  
07/22/18 Date of first production.

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

Name (Printed/ Typed)

Amanda Avery

Title: Regulatory Tech

Signature:

Date: 8/8/18

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by:

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.

Title:

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.

(Instructions on page 2)

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**Additional data for EC transaction #402363 that would not fit on the form**

**32. Additional remarks, continued**

1/23/17 Rig released.

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

5. Lease Serial No.  
NMNM112942

- 1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back  
Other \_\_\_\_\_

6. 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.  
WHITE FALCON 16 FEDERAL COM 21H

3. Address  
2208 W MAIN STREET  
ARTESIA, NM 88210

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

9. API Well No.  
30-025-43931

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface Sec 16 T25S R35E Mer  
NENW Lot C 226FNL 2020FWL  
At top prod interval reported below Sec 16 T25S R35E Mer  
NENW Lot C 226FNL 2020FWL  
At total depth Sec 21 T25S R35E Mer  
Lot N 200FSL 2325FWL

10. Field and Pool, or Exploratory  
DOGIE DRAW; WOLFCAMP

11. Sec., T., R., M., or Block and Survey  
or Area Sec 16 T25S R35E Mer

12. County or Parish  
LEA

13. State  
NM

14. Date Spudded  
11/14/2017

15. Date T.D. Reached  
12/27/2017

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
07/22/2018

17. Elevations (DF, KB, RT, GL)\*  
3246 GL

18. Total Depth: MD 22492  
TVD 12513

19. Plug Back T.D.: MD 22355  
TVD 12513

20. Depth Bridge Plug Set: MD 22375  
TVD 12513

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☐ No ☒ 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
30.000	28.000 J-55	133.0	0	120		250		0	
17.500	13.375 L-80	68.0	0	1015		1600		0	
12.250	9.625 P-110	47.0	0	11712	5208	2575		0	
8.500	5.500 P-110	23.0	0	22490		4300		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	11886	11879						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12683	22275	12683 TO 22275	0.430	2560	OPEN
B)			22340 TO 22350		60	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material

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
07/22/2018	07/22/2018	24	→	796.0	599.0	1658.0			GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
14/64	4000	2300.0	→	796	599	1658		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. 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 #431221 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Documents 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
RSLR	797	797		RSLR	797
TOS	1142	1142		TOS	1142
BOS	4948	4947		BOS	4948
LMAR	5328	5327		LMAR	5328
CYCN	6268	6267		CYCN	6268
BYCN	7762	7760		BYCN	7762
FBSG	10340	10340		FBSG	10340
SBSG	10839	10839		SBSG	10839

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

SBSG SAND 10839 - 10836  
TBSG 11971 - 11966  
WFMP 12422 - 12339

## 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 #431221 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Hobbs**

Name (please print) AMANDA AVERYTitle AUTHORIZED REPRESENTATIVESignature (Electronic Submission)Date 08/14/2018

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 \*\***