

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

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 Production LLC 2208 W. Main Street Artesia, NM 88210		<sup>2</sup> OGRID Number 217955
		<sup>3</sup> Reason for Filing Code/ Effective Date NW
<sup>4</sup> API Number 30 - 025-43708	<sup>5</sup> Pool Name WC-025 G-06 S253206M; Bone Spring	<sup>6</sup> Pool Code 97899
<sup>7</sup> Property Code 40143	<sup>8</sup> Property Name Windward Federal	<sup>9</sup> Well Number 12H

### 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
A	30	24S	32E		210	North	531	East	Lea

### <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
P	31	24S	32E		241	South	308	East	Lea
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code F	<sup>14</sup> Gas Connection Date 8/10/17	<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
	Lucid Energy	G

### IV. Well Completion Data

<sup>21</sup> Spud Date 5/7/17	<sup>22</sup> Ready Date 8/5/17	<sup>23</sup> TD 19062'	<sup>24</sup> PBDT 18985'	<sup>25</sup> Perforations 9301-18960'	<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"	825'	750		
12 1/4"	9 5/8"	4654'	1555		
8 3/4"	5 1/2"	19062'	3300		
	2 7/8"	8663'			

### V. Well Test Data

<sup>31</sup> Date New Oil 8/7/17	<sup>32</sup> Gas Delivery Date 8/10/17	<sup>33</sup> Test Date 8/7/17	<sup>34</sup> Test Length 24 Hrs	<sup>35</sup> Tbg. Pressure 300#	<sup>36</sup> Csg. Pressure 450#
<sup>37</sup> Choke Size	<sup>38</sup> Oil 166	<sup>39</sup> Water 3633	<sup>40</sup> Gas 350		<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: 

Printed name:  
Stormi Davis

Title:  
Regulatory Analyst

E-mail Address:  
sdavis@concho.com

Date:  
8/22/17

Phone:  
575-748-6946

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Petroleum Engineer

09/06/17

C-104 TEMPORARY APPROVAL pending receipt of approved BLM forms attached



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**

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other 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 _____			5. Lease Serial No. NMNM120908		
2. Name of Operator COG PRODUCTION LLC Contact: STORMI DAVIS E-Mail: sdavis@concho.com			6. If Indian, Allottee or Tribe Name  7. Unit or CA Agreement Name and No.		
3. Address    2208 WEST MAIN ARTESIA, NM 88210			3a. Phone No. (include area code) 762-245-8026		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 30 T24S R32E Mer NMP At surface    NENE 210FNL 531FEL  At top prod interval reported below Sec 31 T24S R32E Mer NMP At total depth    SESE 241FSL 308FEL			8. Lease Name and Well No. WINDWARD FEDERAL 12H  9. API Well No. 30-025-43708		
14. Date Spudded 05/07/2017			15. Date T.D. Reached 05/21/2017		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 08/05/2017			17. Elevations (DF, KB, RT, GL)* 3548 GL		
18. Total Depth:    MD    19062 TVD    9177		19. Plug Back T.D.:    MD    18985 TVD    9175		20. Depth Bridge Plug Set:    MD    18985 TVD    9175	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE			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
17.500	13.375 K55	54.5	0	825		750		0	
12.250	9.625 L80	40.0	0	4654		1555		0	
8.750	5.500 P110	17.0	0	19062		3300		2860	

**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	8663	8654						

**25. Producing Intervals**

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9301	18960	9301 TO 18960	0.430	2816	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9301 TO 18960	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
08/07/2017	08/07/2017	24	→	166.0	350.0	3633.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. 300 SI	Csg. Press. 450.0	24 Hr. Rate →	Oil BBL 166	Gas MCF 350	Water BBL 3633	Gas:Oil Ratio	Well Status	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 #385784 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
LAMAR	4630	4650		RUSTLER	842
BELL CANYON	4651	5557		TOS	1060
CHERRY CANYON	5558	6875		BOS	4391
BRUSHY CANYON	6876	8498		LAMAR	4630
BONE SPRING LM	8499	9182		BELL CANYON	4651
				CHERRY CANYON	5558
				BRUSHY CANYON	6876
				BONE SPRING LM	8499

32. Additional remarks (include plugging procedure):  
Surveys, perms & stimulation are attached.

## 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 #385784 Verified by the BLM Well Information System.  
For COG PRODUCTION LLC, sent to the Hobbs

Name (please print) STORMI DAVISTitle PREPARERSignature (Electronic Submission)Date 08/23/2017

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 \*\***



## WINDWARD FEDERAL #12H

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
1	1512	299298	335076
2	3024	300053	365022
3	3024	299185	365190
4	3024	301664	360654
5	3024	299475	360318
6	3024	300261	360024
7	3024	300229	354270
8	3024	299933	356832
9	3024	299474	405594
10	3108	299175	354984
11	3066	300930	355740
12	3024	212028	296772
13	3024	300464	358134
14	3024	300077	359688
15	3024	298992	351372
16	3024	300735	354186
17	3024	299932	356622
18	3024	300414	354354
19	3024	299960	351204
20	3024	300103	353514
21	2982	299460	352044
22	2982	300032	352380
23	3024	258833	339486
24	3024	301105	346836
25	3024	300130	485226
26	3024	299206	420546
27	3024	299887	347172
28	3024	299874	346416
29	3024	299207	346668
30	3024	299713	345870
31	3024	301083	348096
32	3024	299799	347634
33	3024	298108	347214
34	3024	298716	348474
35	3024	300173	346920
36	3024	299580	349440
37	3024	300245	344358
38	3024	300397	345492
39	3024	300012	343938
40	3024	300029	344358
41	3024	300954	345492
42	3024	300869	344400
43	3024	299941	345114
44	3024	299538	345996
45	3024	300110	343224
46	3234	301052	346878
47	3024	299318	338814
48	3024	273353	327852
49	3024	300625	343350
50	3024	299998	342594
51	3024	300831	344820
52	3024	299054	349440
53	3024	300746	343980
54	3024	387518	554568
55	3024	299960	340452
56	3024	300694	343308
57	3024	299945	336126
58	3024	299399	355782
59	3024	300457	336840
60	3024	300638	335832
61	3024	300263	336966
62	2982	299672	337260
63	3024	303543	340158
64	3024	299905	377412
<b>Totals</b>	<b>192,234</b>	<b>19,136,354</b>	<b>22,714,776</b>

HOBBS OGD  
AUG 25 2017  
RECEIVED



	Stage 1	Distance Between Perfs	Shots	Stage 2	Distance Between Perfs	Shots	Stage 3	Distance Between Perfs	Shots	Stage 4	Distance Between Perfs	Shots	Stage 5	Distance Between Perfs	Shots	Total Shots
	18,960	19	6	18,791	37	6	18,655	20	6	18,499	44	6	18,349	24	6	44
From	18,941	19	6	18,775	16	6	18,639	21	6	18,487	19	6	18,333	16	6	44
Bottom	18,922	19	6	18,759	13	6	18,618	17	6	18,468	18	6	18,317	23	6	44
to Top	18,903	19	6	18,746	13	6	18,599	17	5	18,450	19	6	18,294	15	6	44
	18,884	19	5	18,733	19	5	18,582	19	5	18,431	19	5	18,279	18	5	44
	18,865	18	5	18,714	19	5	18,563	20	5	18,412	19	5	18,261	19	5	44
	18,847	19	5	18,695	20	5	18,543	20	5	18,393	20	5	18,242	19	5	44
	18,828	19	5	18,676	20	5	18,524	20	5	18,373	20	5	18,223	19	5	44
Plug to Plug Frac Plug	18,797	18	44	18,646	134	44	18,515	140	38	18,369	150	44	18,219	143	44	44
	18,685		Total Shots	18,788		Total Shots	18,664		Total Shots	18,515		Total Shots	18,356		Total Shots	

	Stage 6	Distance Between Perfs	Shots	Stage 7	Distance Between Perfs	Shots	Stage 8	Distance Between Perfs	Shots	Stage 9	Distance Between Perfs	Shots	Stage 10	Distance Between Perfs	Shots	Total Shots
	18,166	27	6	18,053	19	6	17,891	29	6	17,750	19	6	17,593	25	6	44
From	18,185	21	6	18,033	18	6	17,882	20	6	17,731	19	6	17,580	19	6	44
Bottom	18,164	17	6	18,015	24	6	17,862	17	6	17,712	22	6	17,561	19	6	44
to Top	18,147	6	5	17,991	14	6	17,845	17	6	17,690	15	6	17,542	20	6	44
	18,131	22	5	17,977	19	5	17,828	21	5	17,675	15	5	17,522	18	5	44
	18,109	19	5	17,958	19	5	17,807	19	5	17,660	23	5	17,504	14	5	44
	18,090	18	5	17,939	19	5	17,788	19	5	17,637	19	5	17,480	23	5	44
	18,072	18	5	17,920	19	5	17,769	19	5	17,618	19	5	17,467	23	5	44
Plug to Plug Frac Plug	18,041	141	44	18,002	163	44	17,963	139	44	17,924	158	44	17,885	145	44	44
	17,985		Total Shots	18,082		Total Shots	17,899		Total Shots	17,780		Total Shots	17,692		Total Shots	

	Stage 11	Distance Between Perfs	Shots	Stage 12	Distance Between Perfs	Shots	Stage 13	Distance Between Perfs	Shots	Stage 14	Distance Between Perfs	Shots	Stage 15	Distance Between Perfs	Shots	Total Shots
	17,448	19	6	17,290	20	6	17,141	23	6	16,994	19	6	16,843	27	6	44
From	17,429	19	6	17,278	19	6	17,126	17	6	16,970	14	6	16,824	14	6	44
Bottom	17,410	19	6	17,259	19	6	17,109	20	6	16,956	17	6	16,810	24	6	44
to Top	17,391	19	6	17,240	19	6	17,089	19	6	16,939	21	6	16,789	19	6	44
	17,372	20	5	17,221	19	5	17,070	19	5	16,918	19	5	16,767	19	5	44
	17,352	18	5	17,202	19	5	17,051	19	5	16,899	18	5	16,748	19	5	44
	17,334	24	5	17,183	19	5	17,032	19	5	16,881	11	5	16,729	19	5	44
	17,310	5	5	17,164	141	44	17,013	153	44	16,970	144	44	16,710	140	44	44
Plug to Plug Frac Plug	17,287	17,287	44	17,247	163	44	17,196	141	44	17,155	160	44	16,995	143	44	44
	17,229		Total Shots	17,287		Total Shots	17,156		Total Shots	17,003		Total Shots	16,859		Total Shots	

	Stage 16	Distance Between Perfs	Shots	Stage 17	Distance Between Perfs	Shots	Stage 18	Distance Between Perfs	Shots	Stage 19	Distance Between Perfs	Shots	Stage 20	Distance Between Perfs	Shots	Total Shots
	16,692	18	6	16,535	24	6	16,389	19	6	16,231	26	6	16,087	18	6	44
From	16,671	17	6	16,521	19	6	16,370	19	6	16,219	20	6	16,068	19	6	44
Bottom	16,654	23	6	16,502	18	6	16,351	22	6	16,199	18	6	16,049	15	6	44
to Top	16,639	23	6	16,484	15	6	16,329	16	6	16,181	16	6	16,034	23	6	44
	16,619	19	5	16,469	23	5	16,313	18	5	16,165	22	5	16,011	19	5	44
	16,597	19	5	16,446	19	5	16,295	19	5	16,143	19	5	15,992	19	5	44
	16,578	19	5	16,427	19	5	16,276	19	5	16,124	19	5	15,973	10	5	44
	16,559	19	5	16,408	148	44	16,257	19	5	16,105	142	44	15,963	10	5	44
Plug to Plug Frac Plug	16,529	157	44	16,488	164	44	16,447	158	44	16,406	162	44	16,365	143	44	44
	16,471		Total Shots	16,542		Total Shots	16,396		Total Shots	16,238		Total Shots	16,086		Total Shots	

	Stage 21	Distance Between Perfs	Shots	Stage 22	Distance Between Perfs	Shots	Stage 23	Distance Between Perfs	Shots	Stage 24	Distance Between Perfs	Shots	Stage 25	Distance Between Perfs	Shots	Total Shots
	15,935	28	6	15,784	19	6	15,633	27	6	15,482	19	6	15,330	29	6	44
From	15,916	22	6	15,765	19	6	15,614	23	6	15,463	19	6	15,312	23	6	44
Bottom	15,894	15	6	15,746	15	6	15,591	15	6	15,444	24	6	15,289	15	6	44
to Top	15,879	17	6	15,731	22	6	15,576	17	6	15,420	14	6	15,274	18	6	44
	15,862	21	5	15,709	21	5	15,559	21	5	15,406	19	5	15,266	20	5	44
	15,841	19	5	15,690	19	5	15,538	19	5	15,387	19	5	15,236	19	5	44
	15,822	19	5	15,671	11	5	15,519	18	5	15,368	9	5	15,217	19	5	44
	15,803	19	5	15,650	11	5	15,501	18	5	15,350	9	5	15,198	19	5	44
Plug to Plug Frac Plug	15,773	162	44	15,733	142	44	15,693	160	44	15,653	140	44	15,613	160	44	44
	15,715		Total Shots	15,791		Total Shots	15,648		Total Shots	15,489		Total Shots	15,349		Total Shots	

	Stage 26	Distance Between Perfs	Shots	Stage 27	Distance Between Perfs	Shots	Stage 28	Distance Between Perfs	Shots	Stage 29	Distance Between Perfs	Shots	Stage 30	Distance Between Perfs	Shots	Total Shots
	15,171	27	6	15,021	26	6	14,876	17	6	14,720	24	6	14,574	19	6	44
From	15,150	19	6	15,009	20	6	14,858	19	6	14,707	19	6	14,554	18	6	44
Bottom	15,141	22	6	14,989	18	6	14,839	21	6	14,688	19	6	14,536	18	6	44
to Top	15,119	15	6	14,971	16	6	14,818	17	6	14,669	20	6	14,518	19	6	44
	15,104	18	5	14,955	22	5	14,801	16	5	14,649	18	5	14,499	14	5	44
	15,086	20	5	14,933	18	5	14,785	22	5	14,631	17	5	14,485	24	5	44
	15,066	19	5	14,915	22	5	14,763	19	5	14,614	21	5	14,461	19	5	44
	15,047	19	5	14,893	22	5	14,744	19	5	14,593	21	5	14,442	19	5	44
Plug to Plug Frac Plug	15,017	161	44	15,002	145	44	14,981	156	44	14,960	146	44	14,939	155	44	44
	14,959		Total Shots	15,028		Total Shots	14,883		Total Shots	14,727		Total Shots	14,581		Total Shots	

	Stage 31	Distance Between Perfs	Shots	Stage 32	Distance Between Perfs	Shots	Stage 33	Distance Between Perfs	Shots	Stage 34	Distance Between Perfs	Shots	Stage 35	Distance Between Perfs	Shots	Total Shots
	14,419	23	6	14,260	31	6	14,121	22	6	13,982	26	6	13,816	19	6	44
From	14,404	19	6	14,253	19	6	14,102	19	6	13,950	18	6	13,802	22	6	44
Bottom	14,385	19	6	14,234	19	6	14,083	19	6	13,932	19	6	13,780	19	6	44
to Top	14,366	23	6	14,215	19	6	14,064	19	6	13,913	19	6	13,761	19	6	44
	14,343	14	5	14,196	20	5	14,045	19	5	13,894	19	5	13,742	18	5	44
	14,329	19	5	14,176	18	5	14,026	14	5	13,875	19	5	13,724	19	5	44
	14,310	19	5	14,158	15	5	14,012	24	5	13,856	21	5	13,705	19	5	44
	14,291	19	5	14,143	15	5	13,993	24	5	13,835	21	5	13,686	19	5	44
Plug to Plug Frac Plug	14,261	151	44	14,275	147	44	14,236	151	44	14,197	154	44	14,158	163	44	44
	14,203		Total Shots	14,275		Total Shots	14,128		Total Shots	13,977		Total Shots	13,823		Total Shots	

	Stage 36	Distance Between Perfs	Shots	Stage 37	Distance Between Perfs	Shots	Stage 38	Distance Between Perfs	Shots	Stage 39	Distance Between Perfs	Shots	Stage 40	Distance Between Perfs	Shots	Total Shots
	13,653	33	6	13,516	19	6	13,357	26	6	13,213	19	6	13,059	22	6	44
From	13,638	15	6	13,493	15	6	13,346	19	6	13,194	19	6	13,043	19	6	44
Bottom	13,623	13	6	13,478	15	6	13,327	19	6	13,175	19	6	13,024	19	6	44
to Top	13,610	19	6	13,463	23	6	13,308	22	6	13,156	18	6	13,005	19	6	44
	13,591	19	5	13,440	19	5	13,286	16	5	13,138	23	5	12,986	19	5	44
	13,572	19	5	13,421	19	5	13,270	16	5	13,115	15	5	12,967	13	5	44
	13,553	18	5	13,402	19	5	13,254	22	5	13,100	19	5	12,954	24	5	44
	13,535		5	13,383		5	13,232		5	13,081		5	12,930		5	44
Plug to Plug	137	137	44	Plug to Plug	144	44	Plug to Plug	144	44	Plug to Plug	144	44	Plug to Plug	148	44	44
Frac Plug		43,290		Frac Plug	43,293		Frac Plug	43,382		Frac Plug	43,290		Frac Plug	43,048		Total Shots



Stage 41	Distance Between Perfs	Shots	Stage 42	Distance Between Perfs	Shots	Stage 43	Distance Between Perfs	Shots	Stage 44	Distance Between Perfs	Shots	Stage 45	Distance Between Perfs	Shots
12,911	19	6	12,750	19	6	12,601	26	6	12,457	19	6	12,303	22	6
12,892	19	6	12,739	17	6	12,586	16	6	12,438	19	6	12,287	19	6
12,873	19	6	12,722	15	6	12,570	18	6	12,419	19	6	12,268	19	6
12,854	19	6	12,707	23	6	12,552	22	6	12,400	19	6	12,249	21	6
12,835	19	5	12,694	18	5	12,530	16	5	12,381	13	5	12,228	17	5
12,816	19	5	12,666	20	5	12,514	16	5	12,368	24	5	12,211	15	5
12,797	19	5	12,646	19	5	12,495	22	5	12,344	19	5	12,196	23	5
12,778	19	5	12,627	19	5	12,476	22	5	12,325	19	5	12,173	23	5
Plug to Plug	152	44	Plug to Plug	158	44	Plug to Plug	144	44	Plug to Plug	154	44	Plug to Plug	148	44
Frac Plug	12,918	Total Shots	Frac Plug	12,766	Total Shots	Frac Plug	12,608	Total Shots	Frac Plug	12,464	Total Shots	Frac Plug	12,310	Total Shots

Stage 46	Distance Between Perfs	Shots	Stage 47	Distance Between Perfs	Shots	Stage 48	Distance Between Perfs	Shots	Stage 49	Distance Between Perfs	Shots	Stage 50	Distance Between Perfs	Shots
12,155	18	6	12,003	24	6	11,841	30	6	11,701	19	6	11,539	30	6
12,136	19	6	11,984	18	6	11,825	18	6	11,680	17	6	11,525	13	6
12,117	19	6	11,960	19	6	11,809	14	6	11,663	16	6	11,512	19	6
12,098	19	6	11,947	19	6	11,795	18	6	11,647	22	6	11,493	14	6
12,079	20	5	11,928	19	5	11,777	19	5	11,625	19	5	11,479	24	5
12,059	18	5	11,909	19	5	11,756	19	5	11,606	19	5	11,455	18	5
12,041	14	5	11,890	19	5	11,739	19	5	11,587	18	5	11,437	20	5
12,027	14	5	11,871	19	5	11,720	19	5	11,569	18	5	11,417	20	5
Plug to Plug	152	44	Plug to Plug	162	44	Plug to Plug	140	44	Plug to Plug	162	44	Plug to Plug	141	44
Frac Plug	12,162	Total Shots	Frac Plug	12,010	Total Shots	Frac Plug	11,848	Total Shots	Frac Plug	11,708	Total Shots	Frac Plug	11,546	Total Shots

Stage 51	Distance Between Perfs	Shots	Stage 52	Distance Between Perfs	Shots	Stage 53	Distance Between Perfs	Shots	Stage 54	Distance Between Perfs	Shots	Stage 55	Distance Between Perfs	Shots
11,398	19	6	11,247	25	6	11,099	19	6	10,945	26	6	10,785	26	6
11,379	18	6	11,229	19	6	11,077	19	6	10,926	19	6	10,765	19	6
11,361	19	6	11,209	19	6	11,058	19	6	10,907	19	6	10,746	19	6
11,342	19	6	11,190	18	6	11,039	19	6	10,888	19	6	10,727	19	6
11,323	19	5	11,172	19	5	11,020	19	5	10,869	19	5	10,718	19	5
11,304	19	5	11,153	21	5	11,001	18	5	10,850	20	5	10,699	19	5
11,285	13	5	11,132	14	5	10,983	12	5	10,830	16	5	10,680	12	5
11,272	13	5	11,119	14	5	10,971	12	5	10,814	16	5	10,666	12	5
Plug to Plug	151	44	Plug to Plug	148	44	Plug to Plug	154	44	Plug to Plug	149	44	Plug to Plug	152	44
Frac Plug	11,405	Total Shots	Frac Plug	11,254	Total Shots	Frac Plug	11,106	Total Shots	Frac Plug	10,952	Total Shots	Frac Plug	10,803	Total Shots

Stage 56	Distance Between Perfs	Shots	Stage 57	Distance Between Perfs	Shots	Stage 58	Distance Between Perfs	Shots	Stage 59	Distance Between Perfs	Shots	Stage 60	Distance Between Perfs	Shots
10,644	24	6	10,491	19	6	10,340	25	6	10,193	18	6	10,037	26	6
10,623	19	6	10,472	19	6	10,322	20	6	10,170	19	6	10,022	22	6
10,604	18	6	10,453	19	6	10,302	19	6	10,151	19	6	10,000	19	6
10,586	19	6	10,434	19	6	10,283	19	6	10,132	19	6	9,981	19	6
10,567	19	5	10,415	19	5	10,264	19	5	10,113	19	5	9,962	19	5
10,548	23	5	10,396	18	5	10,245	19	5	10,094	19	5	9,943	19	5
10,528	19	5	10,378	13	5	10,226	15	5	10,075	12	5	9,924	19	5
10,510	19	5	10,365	13	5	10,211	15	5	10,063	12	5	9,905	19	5
Plug to Plug	153	44	Plug to Plug	151	44	Plug to Plug	147	44	Plug to Plug	158	44	Plug to Plug	145	44
Frac Plug	10,651	Total Shots	Frac Plug	10,498	Total Shots	Frac Plug	10,347	Total Shots	Frac Plug	10,200	Total Shots	Frac Plug	10,044	Total Shots

Stage 61	Distance Between Perfs	Shots	Stage 62	Distance Between Perfs	Shots	Stage 63	Distance Between Perfs	Shots	Stage 64	Distance Between Perfs	Shots	Stage 65	Distance Between Perfs	Shots
9,872	33	6	9,735	19	6	9,577	26	6	9,432	19	6			
9,856	15	6	9,715	18	6	9,561	15	6	9,413	18	6			
9,841	16	6	9,697	24	6	9,546	19	6	9,395	21	6			
9,825	15	6	9,673	14	6	9,527	14	6	9,374	17	6			
9,810	18	5	9,659	18	5	9,513	24	5	9,357	19	5			
9,792	19	5	9,641	20	5	9,498	19	5	9,338	19	5			
9,773	19	5	9,621	18	5	9,470	19	5	9,319	18	5			
9,754	19	5	9,603	18	5	9,451	19	5	9,301	18	5			
Plug to Plug	137	44	Plug to Plug	158	44	Plug to Plug	145	44	Plug to Plug	65	44	Plug to Plug	0	0
Frac Plug	9,879	Total Shots	Frac Plug	9,742	Total Shots	Frac Plug	9,584	Total Shots	Frac Plug	9,439	Total Shots	Frac Plug		Total Shots



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**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM120908
2. Name of Operator COG PRODUCTION LLC		6. If Indian, Allottee or Tribe Name
Contact: STORMI DAVIS E-Mail: sdavis@concho.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 2208 WEST MAIN ARTESIA, NM 88210	3b. Phone No. (include area code) Ph: 575-748-6946	8. Well Name and No. WINDWARD FEDERAL 12H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 30 T24S R32E Mer NMP NENE 210FNL 531FEL		9. API Well No. 30-025-43708
		10. Field and Pool or Exploratory Area WILDCAT; BONE SPRING
		11. 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	
	<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 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.

5/27/17 to 6/22/17 Load & test csg to 1500# for 30 mins. Good test. Ran CBL. TOC @ 2860'. Set CBP @ 18985'. Test to 8486#. Perf 9301-18960' (2816). Acdz w/192,234 gal 7 1/2%; Frac w/19,136,354# sand & 22,714,776 gal fluid.

7/12/17 to 7/14/17 Drilled out CFP's. Clean down to CBP @ 18985'.  
7/16/17 Set 2 7/8" 6.5# L-80 tbg @ 8663' & pkr @ 8654'. Installed gas-lift system.

8/5/17 Began flowing back & testing.  
8/7/17 Date of first production.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #385769 verified by the BLM Well Information System For COG PRODUCTION LLC, sent to the Hobbs</b>	
Name (Printed/Typed) STORMI DAVIS	Title PREPARER
Signature (Electronic Submission)	Date 08/23/2017

**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 \*\***