

Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-44937
1. Type of Well: Oil Well ☐ Gas Well ☒ Other		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator COG Operating LLC		6. State Oil & Gas Lease No.
3. Address of Operator 2208 W. Main Street, Artesia, NM 88210		7. Lease Name or Unit Agreement Name Myox 21 State Com
4. Well Location Unit Letter <u>M</u> : <u>688</u> feet from the <u>South</u> line and <u>870</u> feet from the <u>West</u> line Section <u>21</u> Township <u>25S</u> Range <u>28E</u> NMPM Eddy County		8. Well Number 41H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2990' GR		9. OGRID Number 229137
		10. Pool name or Wildcat Purple Sage; Wolfcamp (gas)

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:
REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: Completion Operations ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

8/2/18 Test annulus to 1500# for 30 mins. Good test. Ran CBL. TOC @ 50'. Set CBP @ 19,785. Test to 11,490#. Test good. Perf 19,750-19,760' (60). Injection Test

8/28/18 to 9/18/18 Perf 10,240-19,683' (1984). Acdz w/ 81,144 gal 7-1/2%; frac w/ 19,033,970#sand & 16,214,184 gal fluid.

10/8/18 to 10/11/18 Drill out CFP's. Clean down to PBTD @ 19,561'.

10/15/18 to 10/25/18 Set 2 7/8" 6.5# L-80 tbg @ 9,615' & pkr @ 9,605'.

12/19/18 Began flowback & testing.

12/22/18 Date of first production.

RECEIVED

FEB 19 2019

Spud Date:

5/5/18

Rig Release Date:

6/3/18

DISTRICT II-ARTESIA O.C.D.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Amanda Avery

TITLE: Regulatory Analyst

DATE: 2/13/19

Type or print name: Amanda Avery

E-mail address: aavery@concho.com

PHONE: (575) 748-6962

For State Use Only

APPROVED BY: Rusty Hen
Conditions of Approval (if any)

TITLE Business Ops Spec A

DATE 2-22-2019

Myox 21 State Com #41H

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
1	2520	360800	366030
2	1512	363870	308532
3	1512	360420	305298
4	1512	360740	342258
5	1512	360360	311388
6	1512	360700	319494
7	1512	360000	334404
8	1512	360910	317730
9	1512	361540	315378
10	1512	360020	318612
11	1512	360140	323988
12	1512	360070	324702
13	1512	360830	313530
14	1512	360140	317436
15	1512	360840	303618
16	1512	360810	301686
17	1512	360940	301224
18	1512	295110	299586
19	1512	360510	302988
20	1512	362210	300762
21	1512	360610	302400
22	1512	360580	300972
23	1512	346560	301350
24	1512	360620	298914
25	1512	361310	302022
26	1512	361090	299418
27	1512	360370	297696
28	1512	360800	301728
29	1512	361320	300468
30	1512	360790	299880
31	1512	360490	296184
32	1512	360220	299670
33	1512	360650	345324
34	1512	360800	297528
35	1512	360040	296016
36	1512	360640	336168
37	1512	362590	298956
38	1512	360750	294798
39	1512	360390	297780
40	1512	360580	294840
41	1512	360130	300888
42	1512	360420	293202
43	1512	360100	302232
44	1512	360110	292740
45	1512	359830	294252
46	1512	359710	293706
47	1512	360540	292320
48	1512	360300	291774
49	1512	359780	290010
50	1512	360080	290094
51	1512	360630	291984
52	1512	360000	290598
53	1512	360180	299628
Totals	81,144	19,033,970	16,214,184

From Bottom to Top	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
	19,683	14	5	19,521	60	5	19,340	24	5	19,156	30	5	18,984	31	5
	19,669	15	5	19,499	23	5	19,320	25	5	19,141	23	5	18,962	23	5
	19,654	14	5	19,476	22	5	19,295	20	5	19,118	22	5	18,939	22	5
	19,640	15	5	19,454	22	5	19,275	22	5	19,096	22	5	18,917	22	5
	19,625	15	5	19,432	23	5	19,253		5	19,074	19	5	18,895	23	5
	19,610	14	5	19,409	19	5	19,230	22	5	19,055	20	5	18,872	18	5
	19,596	15	5	19,390	26	5	19,208	22	5	19,035	20	5	18,854	26	5
	19,581		5	19,364		5	19,186		5	19,015		5	18,828		5
	Plug to Plug	58	40	Plug to Plug	78	40	Plug to Plug	78	40	Plug to Plug	73	40	Plug to Plug	78	40
	Frac Plug	19,698	Total Shots	Frac Plug	19,532	Total Shots	Frac Plug	19,353	Total Shots	Frac Plug	19,169	Total Shots	Frac Plug	18,995	Total Shots

From Bottom to Top	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
	18,805	23	5	18,620	29	5	18,447	23	5	18,264	27	5	18,089	21	5
	18,783	22	5	18,597	17	5	18,425	22	5	18,246	22	5	18,064	19	5
	18,761	23	5	18,580	24	5	18,403	23	5	18,224	23	5	18,045	25	5
	18,738	22	5	18,556	19	5	18,380	22	5	18,201	22	5	18,020	20	5
	18,716	23	5	18,537	23	5	18,358	23	5	18,179	20	5	18,000	23	5
	18,693	22	5	18,514	22	5	18,335	22	5	18,159	25	5	17,977	22	5
	18,671	22	5	18,492	22	5	18,313	22	5	18,134	24	5	17,955	22	5
	18,649		5	18,470		5	18,291		5	18,110		5	17,933		5
	Plug to Plug	78	40	Plug to Plug	76	40	Plug to Plug	79	40	Plug to Plug	77	40	Plug to Plug	81	40
	Frac Plug	18,816	Total Shots	Frac Plug	18,632	Total Shots	Frac Plug	18,459	Total Shots	Frac Plug	18,278	Total Shots	Frac Plug	18,101	Total Shots

From Bottom to Top	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
	17,910	23	5	17,732	22	5	17,553	22	5	17,374	22	5	17,187	30	5
	17,888	22	5	17,709	22	5	17,530	16	5	17,351	22	5	17,169	21	5
	17,866	23	5	17,687	23	5	17,514	29	5	17,329	22	5	17,148	20	5
	17,843	22	5	17,664	22	5	17,485	25	5	17,307	23	5	17,128	23	5
	17,821	22	4	17,642	22	4	17,460	19	4	17,284	22	4	17,105	22	4
	17,799	23	4	17,620	20	4	17,441	24	4	17,262	23	4	17,083	23	4
	17,776	22	4	17,600	25	4	17,417	21	4	17,239	22	4	17,060	21	4
	17,754		4	17,575		4	17,396		4	17,217		4	17,039		4
	Plug to Plug	79	36	Plug to Plug	79	36	Plug to Plug	79	36	Plug to Plug	78	36	Plug to Plug	70	36
	Frac Plug	17,922	Total Shots	Frac Plug	17,743	Total Shots	Frac Plug	17,564	Total Shots	Frac Plug	17,385	Total Shots	Frac Plug	17,198	Total Shots

From Bottom to Top	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
	17,016	23	5	16,834	22	5	16,658	22	5	16,479	22	5	16,290	32	5
	16,996	25	5	16,812	20	5	16,635	22	5	16,456	25	5	16,267	19	5
	16,971	18	5	16,792	23	5	16,613	22	5	16,431	19	5	16,248	23	5
	16,953	27	5	16,769	22	5	16,591	23	5	16,412	26	5	16,225	17	5
	16,926	26	4	16,747	22	4	16,568	22	4	16,386	19	4	16,208	26	4
	16,900	18	4	16,725	22	4	16,546	22	4	16,367	22	4	16,182	18	4
	16,882	26	4	16,703	23	4	16,524	23	4	16,345	23	4	16,164	21	4
	16,856		4	16,680		4	16,501		4	16,322		4	16,143		4
	Plug to Plug	74	36	Plug to Plug	77	36	Plug to Plug	78	36	Plug to Plug	56	36	Plug to Plug	77	36
	Frac Plug	17,027	Total Shots	Frac Plug	16,846	Total Shots	Frac Plug	16,669	Total Shots	Frac Plug	16,488	Total Shots	Frac Plug	16,302	Total Shots

From Bottom to Top	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
	16,121	22	5	15,942	22	5	15,759	26	5	15,584	22	5	15,405	26	5
	16,099	23	5	15,920	20	5	15,745	27	5	15,562	22	5	15,383	23	5
	16,076	22	5	15,900	25	5	15,718	25	5	15,540	23	5	15,360	22	5
	16,054	23	5	15,875	22	5	15,693	19	5	15,517	18	5	15,338	22	5
	16,031	22	4	15,853	23	4	15,674	23	4	15,499	27	4	15,316	18	4
	16,009	22	4	15,830	22	4	15,651	22	4	15,472	25	4	15,298	27	4
	15,987	23	4	15,808	23	4	15,629	23	4	15,447	16	4	15,271	26	4
	15,964		4	15,785		4	15,606		4	15,431		4	15,245		4
	Plug to Plug	78	36	Plug to Plug	56	36	Plug to Plug	77	36	Plug to Plug	78	36	Plug to Plug	81	36
	Frac Plug	16,132	Total Shots	Frac Plug	15,931	Total Shots	Frac Plug	15,770	Total Shots	Frac Plug	15,595	Total Shots	Frac Plug	15,419	Total Shots

From Bottom to Top	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
	15,222	23	5	15,047	23	5	14,863	28	5	14,689	24	5	14,508	25	5
	15,204	23	5	15,024	21	5	14,842	20	5	14,663	18	5	14,488	22	5
	15,181	19	5	15,003	23	5	14,822	21	5	14,645	23	5	14,466	23	5
	15,162	19	5	14,980	22	5	14,801	22	5	14,622	22	5	14,443	22	5
	15,143	29	4	14,958	23	4	14,779	23	4	14,600	23	4	14,421	22	4
	15,114	22	4	14,935	21	4	14,756	22	4	14,577	18	4	14,399	23	4
	15,092	22	4	14,914	23	4	14,734	21	4	14,559	26	4	14,376	22	4
	15,070		4	14,891		4	14,713		4	14,533		4	14,354		4
	Plug to Plug	71	36	Plug to Plug	78	36	Plug to Plug	78	36	Plug to Plug	79	36	Plug to Plug	79	36
	Frac Plug	15,233	Total Shots	Frac Plug	15,058	Total Shots	Frac Plug	14,879	Total Shots	Frac Plug	14,701	Total Shots	Frac Plug	14,522	Total Shots

From Bottom to Top	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
	14,330	24	5	14,152	23	5	13,966	30	5	13,795	22	5	13,612	26	5
	14,310	23	5	14,130	22	5	13,952	23	5	13,772	26	5	13,593	22	5
	14,287	27	5	14,108	23	5	13,929	29	5	13,746	19	5	13,571	19	5
	14,260	20	5	14,085	25	5	13,900	18	5	13,727	22	5	13,552	26	5
	14,240	22	4	14,060	19	4	13,882	20	4	13,705	22	4	13,526	17	4
	14,218	21	4	14,041	23	4	13,862	23	4	13,683	23	4	13,509	28	4
	14,197	22	4	14,018	22	4	13,839	22	4	13,660	22	4	13,481	24	4
	14,175		4	13,996		4	13,817		4	13,638		4	13,457		4
	Plug to Plug	80	36	Plug to Plug	127079	36	Plug to Plug	78	36	Plug to Plug	79	36	Plug to Plug	71	36
	Frac Plug	14,340	Total Shots	Frac Plug	141,164	Total Shots	Frac Plug	13,978	Total Shots	Frac Plug	13,806	Total Shots	Frac Plug	13,623	Total Shots

From Bottom to Top	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
	13,435	22	5	13,258	22	5	13,079	22	5	12,898	24	5	12,721	27	5
	13,414	22	5	13,235	22	5	13,056	22	5	12,879	24	5	12,696	20	5
	13,392	22	5	13,213	22	5	13,034	22	5	12,855	20	5	12,676	22	5
	13,370	23	5	13,191	23	5	13,012	23	5	12,835	25	5	12,654	23	5
	13,347	22	4	13,168	22	4	12,989	22	4	12,810	18	4	12,631	22	4
	13,325	23	4	13,146	26	4	12,967	22	4	12,792	26	4	12,609	22	4
	13,302	22	4	13,120	19	4	12,945	23	4	12,766	18	4	12,587	23	4
	13,280		4	13,101		4	12,922		4	12,748		4	12,564		4
	Plug to Plug	76	36	Plug to Plug	78	36	Plug to Plug	-13012	36	Plug to Plug	74	36	Plug to Plug	78	36
	Frac Plug	13,446	Total Shots	Frac Plug	13,269	Total Shots	Frac Plug		Total Shots	Frac Plug	12,909	Total Shots	Frac Plug	12,732	Total Shots

From Bottom to Top	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
	12,542	22	5	12,361	24	5	12,167	41	5	12,005	22	5	11,826	22	
	12,520	20	5	12,341	23	5	12,149	22	5	11,983		5	11,804	23	
	12,500	25	5	12,318	22	5	12,127	20	5		-11938	0	11,781	22	
	12,475	25	5	12,296	23	5	12,107	20	5	11,938	23	5	11,759	22	
	12,450	20	4	12,273	22	4	12,087	20	4	11,915	22	4	11,737	23	
	12,430	24	4	12,251	22	4	12,067	20	4	11,893	23	4	11,714	22	
	12,406	21	4	12,229	21	4	12,047	20	4	11,870	22	4	11,692	22	
	12,385		4	12,208		4	12,027		4	11,848		4	11,670		
	Plug to Plug	78	36	Plug to Plug	78	36	Plug to Plug	71	36	Plug to Plug	78	31	Plug to Plug	78	0
	Frac Plug	12,553	Total Shots	Frac Plug	12,374	Total Shots	Frac Plug	12,178	Total Shots	Frac Plug	12,016	Total Shots	Frac Plug	11,837	Total Shots

From Bottom to Top	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
	11646	24	5	11,463	23	5	11,289	23	5	11,110	23	5	10,929	25	5
	11625	23	5	11,444	21	5	11,267	22	5	11,088	22	5	10,909	19	5
	11602	18	5	11,423	22	5	11,245	23	5	11,066	23	5	10,890	26	5
	11584	26	5	11,401	22	5	11,222	20	5	11,043	22	5	10,864	22	5
	11558	20	4	11,379	23	4	11,202	25	4	11,021	23	4	10,842	22	4
	11538	25	4	11,356	22	4	11,177	22	4	10,998	22	4	10,820	23	4
	11513	27	4	11,334	22	4	11,155	22	4	10,976	22	4	10,797	22	4
	11486		4	11,312		4	11,133		4	10,954		4	10,775		4
	Plug to Plug	73	36	Plug to Plug	73	36	Plug to Plug	78	36	Plug to Plug	78	36	Plug to Plug	65	36
	Frac Plug	11,657	Total Shots	Frac Plug	11,474	Total Shots	Frac Plug	11,300	Total Shots	Frac Plug	11,121	Total Shots	Frac Plug	10,929	Total Shots

From Bottom to Top	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
	10,752	23	5	10,575	21	5	10,390	27	5		10240			0	
	10,730	22	5	10,551	24	5	10,372	22	5						
	10,708	23	5	10,527	21	5	10,350	23	5						
	10,685	22	5	10,506	22	5	10,327	22	5						
	10,663	22	4	10,484	22	4	10,305	19	4						
	10,641	21	4	10,462	23	4	10,286	26	4						
	10,620	24	4	10,439	22	4	10,260	20	4						
	10,596		4	10,417		4	10,240		4						
	Plug to Plug	79	36	Plug to Plug	81	36	Plug to Plug	75	36	Plug to Plug	0	0	Plug to Plug	0	0
	Frac Plug	10,764	Total Shots	Frac Plug	10,587	Total Shots	Frac Plug	10,402	Total Shots	Frac Plug		Total Shots	Frac Plug		Total Shots