

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		WELL API NO.	
(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)		30-025-43045	
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 Craig State	
4. Well Location Unit Letter <u>B</u> : <u>255</u> feet from the <u>North</u> line and <u>1605</u> feet from the <u>East</u> line Section <u>36</u> Township <u>25S</u> Range <u>26E</u> NMPM Eddy County		8. Well Number 13H	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3266' GR		9. OGRID Number 229137	
		10. Pool name or Wildcat Bone Spring	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		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.

7/12/18 Test annulus to 1500# for 30 mins. Good test. Ran CBI. TOC @ 80'. Set Composite Bridge Plug @ 12,515'. Test to 8489#. Perf 12,480 12,490'. Injection test. 7780-12435
7/21/18 to 7/29/18 Perf 7,960-12,435' (780). Acidz w/ 41,328 gal 7-1/2%; frac w/ 9,349,742#sand & 7,585,410 gal fluid.
8/6/18-8/7/18 Drill out CFP's. Clean down to PBTD @ 12,444'.
8/8/18-8/9/18/18 Set 2 7/8" 6.5# L-80 tbg @ 7,319' & pkr @ 7,302'. Installed gas lift system.
10/8/18 Began flowback & testing. Date of first production.

Spud Date: 5/5/18

Rig Release Date: 6/1/18

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

SIGNATURE Amanda Avery TITLE: Regulatory Tech DATE: 02/08/19
Type or print name: Amanda Avery E-mail address: aavery@concho.com PHONE: (575) 748-6962

For State Use Only

APPROVED BY: Rusty Klein TITLE: Business Ops Spec A DATE: 2-21-2019
Conditions of Approval (if any):

3/11/19

CRAIG STATE #13H

<u>Perfs</u>	<u>15% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
1	2520	360589	325416
2	1512	360874	317268
3	1512	361077	301938
4	1512	359231	305004
5	1512	361808	307020
6	1554	356820	300510
7	1596	360037	298578
8	1512	359391	293622
9	1512	362047	309414
10	2226	359728	299712
11	1554	362254	296688
12	1512	346094	294042
13	1470	360029	282702
14	1512	359217	280896
15	1512	363567	278754
16	1554	336424	267036
17	1512	365952	278796
18	1554	361866	279426
19	1512	357954	271278
20	1512	362011	278250
21	1512	366176	275058
22	1512	360208	280224
23	1512	362065	280434
24	1638	363080	298032
25	1470	366410	284802
26	1512	354833	300510
Totals	41,328	9,349,742	7,585,410

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
	12,435	18	5	12,239	43	5	12,075	27	5	11,890	32	5	11,720	28	5
	12,417	22	5	12,219	20	5	12,057	26	5	11,877	22	5	11,697	22	5
	12,395	23	4	12,199	20	4	12,031	19	4	11,855	23	4	11,675	23	4
	12,372	22	4	12,179	20	4	12,012	23	4	11,832	22	4	11,652	22	4
	12,350	23	3	12,159	20	3	11,989		3	11,810	28	3	11,630	23	3
	12,327	22	3	12,139	20	3	11,967	22	3	11,782	17	3	11,607	19	3
	12,305	23	3	12,119	17	3	11,945	23	3	11,765	17	3	11,588	26	3
	12,282		3	12,102		3	11,922		3	11,748		3	11,562		3
	Plug to Plug	196	30	Plug to Plug	157	30	Plug to Plug	191	30	Plug to Plug	171	30	Plug to Plug	179	30
Frac Plug		12,444	Total Shots	Frac Plug	12,248	Total Shots	Frac Plug	12,091	Total Shots	Frac Plug	11,900	Total Shots	Frac Plug	11,729	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
	11,536	26	5	11,350	32	5	11,179	23	5	10,988	38	5	10,819	27	5
	11,517	24	5	11,337	23	5	11,157	23	5	10,969	19	5	10,794	20	5
	11,493	21	4	11,314	22	4	11,134	22	4	10,950	18	4	10,774	22	4
	11,472	23	4	11,292	23	4	11,112	28	4	10,932	23	4	10,752	23	4
	11,449	22	3	11,269	29	3	11,084	17	3	10,909	20	3	10,729	22	3
	11,427	23	3	11,240	16	3	11,067	23	3	10,889	25	3	10,707	23	3
	11,404	22	3	11,224	22	3	11,044	22	3	10,864	18	3	10,684	22	3
	11,382		3	11,202		3	11,022		3	10,848		3	10,662		3
	Plug to Plug	189	30	Plug to Plug	170	30	Plug to Plug	194	30	Plug to Plug	167	30	Plug to Plug	182	30
Frac Plug		11,550	Total Shots	Frac Plug	11,361	Total Shots	Frac Plug	11,191	Total Shots	Frac Plug	10,997	Total Shots	Frac Plug	10,830	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
	10,839	23	5	10,447	34	5	10,279	22	5	10,094	27	5	9,910	31	5
	10,817	28	5	10,427	23	5	10,258	22	5	10,076	22	5	9,894	20	5
	10,591	19	4	10,404	21	4	10,234	23	4	10,054	23	4	9,874	20	4
	10,572	23	4	10,383	14	4	10,211	22	4	10,031	22	4	9,854	25	4
	10,549	23	3	10,369	29	3	10,189	23	3	10,009	23	3	9,829	29	3
	10,526	22	3	10,340	16	3	10,166	21	3	9,988	22	3	9,800	16	3
	10,504	23	3	10,324	23	3	10,145	24	3	9,964	23	3	9,784	24	3
	10,481		3	10,301		3	10,121		3	9,941		3	9,760		3
	Plug to Plug	190	30	Plug to Plug	168	30	Plug to Plug	180	30	Plug to Plug	190	30	Plug to Plug	170	30
Frac Plug		10,648	Total Shots	Frac Plug	10,458	Total Shots	Frac Plug	10,290	Total Shots	Frac Plug	10,110	Total Shots	Frac Plug	9,920	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
	9,739	21	5	9,553	28	5	9,378	23	5	9,198	23	5	9,011	30	5
	9,716	22	5	9,536	24	5	9,356	23	5	9,176	23	5	8,998	26	5
	9,694	23	4	9,512	21	4	9,333	18	4	9,153	22	4	8,970	19	4
	9,671	22	4	9,491	23	4	9,315	27	4	9,131	23	4	8,951	23	4
	9,649	23	3	9,468	22	3	9,288	22	3	9,108	22	3	8,928	22	3
	9,626	21	3	9,446	23	3	9,266	23	3	9,086	23	3	8,906	23	3
	9,605	24	3	9,423	22	3	9,243	22	3	9,063	22	3	8,883	22	3
	9,581		3	9,401		3	9,221		3	9,041		3	8,861		3
	Plug to Plug	180	30	Plug to Plug	180	30	Plug to Plug	183	30	Plug to Plug	178	30	Plug to Plug	183	30
Frac Plug		9,750	Total Shots	Frac Plug	9,570	Total Shots	Frac Plug	9,390	Total Shots	Frac Plug	9,207	Total Shots	Frac Plug	9,029	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
	8,835	26	5	8,658	22	5	8,470	30	5	8,298	22	5	8,105	35	5
	8,811	18	5	8,635	22	5	8,455	22	5	8,275	19	5	8,080	17	5
	8,793	24	4	8,613	23	4	8,433	19	4	8,256	28	4	8,063	27	4
	8,769	21	4	8,590	22	4	8,414	26	4	8,230	26	4	8,038	14	4
	8,748	22	3	8,568	23	3	8,388	23	3	8,204	19	3	8,022	19	3
	8,728	23	3	8,545	22	3	8,365	22	3	8,185	23	3	8,003	22	3
	8,703	23	3	8,523	23	3	8,343	23	3	8,162	22	3	7,981	21	3
	8,680		3	8,500		3	8,320		3	8,140		3	7,960		3
	Plug to Plug	177	30	Plug to Plug	190	30	Plug to Plug	170	30	Plug to Plug	193	30	Plug to Plug	167	30
Frac Plug		8,846	Total Shots	Frac Plug	8,669	Total Shots	Frac Plug	8,479	Total Shots	Frac Plug	8,309	Total Shots	Frac Plug	8,116	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
	7,938	22	5		7780			0			0			0	
	7,915	22	5												
	7,893	19	4												
	7,874	26	4												
	7,848	26	3												
	7,822	19	3												
	7,803	23	3												
	7,780		3												
	Plug to Plug	75	30	Plug to Plug	0	0	Plug to Plug	0	0	Plug to Plug	0	0	Plug to Plug	0	0
Frac Plug		7,949	Total Shots	Frac Plug		Total Shots	Frac Plug		Total Shots	Frac Plug		Total Shots	Frac Plug		Total Shots