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

[1] Operator name and Address	[2] OGRID Number
COG Operating LLC 2208 W. Main Street Artesia, NM 88210	229137
	[3] Reason for Filing Code/ Effective Date NW

[4] API Number	[5] Pool Name	[6] Pool Code
30 – 015-44209	WC-015 G-03 S252636M; Bone Spring	97818

[7] Property Code	[8] Property Name	[9] Well Number
317787	Craig Federal Com	2H

II. [10] Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
D	1	26S	26E		675	North	760	West	Eddy

[11] 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
D	25	25S	26E		210	North	340	West	Eddy

[12] Lse Code	[13] Producing Method Code	[14] Gas Connection Date	[15] C-129 Permit Number	[16] C-129 Effective Date	[17] C-129 Expiration Date
F	F	11/8/17			

III. Oil and Gas Transporters

[18] Transporter OGRID	[19] Transporter Name and Address	[20] O/G/W
278421	Holly Refining & Marketing Company, LLC PO Box 159 Artesia, NM 88210	O
	Lucid Energy	G

NM OIL CONSERVATION
ARTESIA DISTRICT
NOV 27 2017

RECEIVED

IV. Well Completion Data

[21] Spud Date	[22] Ready Date	[23] TD	[24] PBTD	[25] Perforations	[26] DHC, MC
8/15/17	11/6/17	18446' / 7438	18340'	8447-18315'	

[27] Hole Size	[28] Casing & Tubing Size	[29] Depth Set	[30] Sacks Cement
17 1/2"	13 3/8"	450'	450
12 1/4"	9 5/8"	2350'	909
8 3/4"	5 1/2"	18438'	2950 ✓
	2 7/8"	7017'	

V. Well Test Data

[31] Date New Oil	[32] Gas Delivery Date	[33] Test Date	[34] Test Length	[35] Tbg. Pressure	[36] Csg. Pressure
11/7/17	11/8/17	11/7/17	24 Hrs	560#	
[37] Choke Size	**[38] Oil**	**[39] Water**	**[40] Gas**		**[41] Test Method**
26/64"	32	2141	123		Flowing

[42] 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: Stormi Davis

Printed name: Stormi Davis

Title: Regulatory Analyst

E-mail Address: sdavis@concho.com

Date: 11/16/17

Phone: 575-748-6946

OIL CONSERVATION DIVISION

Approved by: Raymond W. Bodany

Title: Geologist

Approval Date: 11-28-2017

Pending BLM approvals will subsequently be reviewed and scanned

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION
ARTESIA DISTRICT
NOV 27 2017
RECEIVED

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM113937

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator: COG OPERATING LLC — Contact: STORMI DAVIS — E-Mail: sdavis@concho.com

8. Lease Name and Well No.: CRAIG FEDERAL COM 2H

3. Address: 2208 WEST MAIN, ARTESIA, NM 88210

3a. Phone No. (include area code): Ph: 575-748-6946

9. API Well No.: 30-015-44209

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: Sec 1 T26S R26E Mer NMP NWNW 675FNL 760FWL
At top prod interval reported below: Sec 25 T25S R26E Mer NMP
At total depth: NWNW 210FNL 340FWL

10. Field and Pool, or Exploratory: WILDCAT; BONE SPRING

11. Sec., T., R., M., or Block and Survey or Area: Sec 1 T26S R26E Mer NMP

12. County or Parish: EDDY

13. State: NM

14. Date Spudded: 08/15/2017

15. Date T.D. Reached: 09/04/2017

16. Date Completed ☐ D & A ☒ Ready to Prod. 11/06/2017

17. Elevations (DF, KB, RT, GL)*: 3369 GL

18. Total Depth: MD 18446 TVD 7437

19. Plug Back T.D.: MD 18340 TVD 7444

20. Depth Bridge Plug Set: MD 18340 TVD 7444

21. Type Electric & Other Mechanical Logs Run (Submit copy of each): NONE

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
17.500	13.375 J55	54.5	0	450		450		0	
12.250	9.625 J55	40.0	0	2350		909		0	
8.750	5.500 P110	17.0	0	18438		2950		1230	

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	7017	7008						

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	BONE SPRING	7017	7008	8447 TO 18315	0.430	2816	OPEN
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
8447 TO 18315	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
11/07/2017	11/07/2017	24	→	32.0	123.0	2141.0			FLOWS FROM WELL

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
26/64	560		→	32	123	2141		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 #395256 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Pending BLM approvals will subsequently be reviewed and scanned

JC 11-28-17

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	2023	2069		LAMAR	2023
BELL CANYON	2070	2929		BELL CANYON	2070
CHERRY CANYON	2930	4023		CHERRY CANYON	2930
BRUSHY CANYON	4024	5605		BRUSHY CANYON	4024
BONE SPRING LM	5606	6535		BONE SPRING LM	5606
1ST BONE SPRING	6536	7381		1ST BONE SPRING	6536
2ND BONE SPRING	7382	7544		2ND BONE SPRING	7382

32. Additional remarks (include plugging procedure):
Surveys and Perfs/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 #395256 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad

Name *(please print)* STORMI DAVIS Title PREPARER

Signature (Electronic Submission) Date 11/16/2017

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 fradulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

CRAIG FEDERAL COM #2H (30-015-44209)

Perfs	15% Acid (Gal)	Sand (#)	Fluid (Gal)
1	756	312842	370146
2	2352	312261	383712
3	2268	315485	365274
4	2352	292130	351162
5	2268	314589	358512
6	2268	310083	366828
7	3780	310463	475566
8	2226	310787	361914
9	2268	310467	357882
10	2268	315188	356538
11	2268	312219	348222
12	2268	317185	354102
13	2268	312476	346374
14	2268	314880	354984
15	2268	311310	352464
16	2268	314247	355656
17	2268	312036	350826
18	2268	312984	343308
19	2310	315630	318780
20	2268	311010	371112
21	2268	312878	339360
22	2268	315165	339612
23	2268	314862	351246
24	2226	313734	349146
25	2226	313714	336322
26	2268	312921	323862
27	2268	312253	355236
28	2268	311448	354942
29	2268	312254	358848
30	2268	312179	346920
31	2310	312109	332388
32	2310	311574	335454
33	2310	313023	386316
34	2310	308639	333144
35	2310	313765	332178
36	2268	307233	343434
37	2310	311992	333942
38	2268	312109	333732
39	3738	312859	356874
40	2268	312453	358596
41	2268	310405	318360
42	2268	312080	345912
43	2268	310000	323316
44	2268	312808	318528
45	3780	313239	350364
46	2310	312082	309960
47	2310	313313	342426
48	2268	312255	340242
49	2268	311102	355698
50	2268	312006	324828
51	2268	311364	314748
52	2268	313958	338898
53	2268	312742	322140
54	2268	312961	318990
55	2310	312937	339234
56	2310	312999	318066
57	2268	311941	318024
58	2310	312107	316218
59	2310	312373	336378
60	2268	311881	335832
61	3444	312103	314748
62	3108	309736	310254
63	2814	312146	341166
64	2814	308525	335790
Totals	**151,830**	**19,972,499**	**22,035,034**

CRAIG FEDERAL COM #2H

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
	18,315	19	6	18,133	47	6	18,006	21	6	17,851	20	6	17,695	21	6
	18,296	20	6	18,105	13	6	17,987	20	6	17,832	19	6	17,677	18	6
	18,276	19	6	18,092	20	6	17,967	19	6	17,813	20	6	17,659	20	6
	18,257	19	6	18,072	8	6	17,948	19	6	17,793	19	6	17,639	20	6
	18,238	20	5	18,064	15	5	17,929		5	17,774	19	5	17,619	19	5
	18,218	19	5	18,049	14	5	17,909	19	5	17,755	20	5	17,600	19	5
	18,199	19	5	18,035	8	5	17,890	19	5	17,735	19	5	17,581	20	5
	18,180		5	18,027		5	17,871		5	17,716		5	17,561		5
	Plug to Plug	525	44	Plug to Plug	124	44	Plug to Plug	155	44	Plug to Plug	155	44	Plug to Plug	154	44
	Frac Plug	18,865	Total Shots	Frac Plug	18,140	Total Shots	Frac Plug	18,016	Total Shots	Frac Plug	17,861	Total Shots	Frac Plug	17,708	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
	17,542	19	6	17,352	55	6	17,233	25	6	17,078	20	6	16,916	27	6
	17,523	19	6	17,339	13	6	17,214	20	6	17,059	19	6	16,905	19	6
	17,504	20	6	17,326	12	6	17,194	19	6	17,040	20	6	16,886	20	6
	17,484	19	6	17,314	16	6	17,175	19	6	17,020	13	6	16,866	19	6
	17,465	19	5	17,298	15	5	17,156	20	5	17,007	25	5	16,847	20	5
	17,446	18	5	17,283	13	5	17,136	19	5	16,982	16	5	16,827	15	5
	17,428	21	5	17,270	12	5	17,117	19	5	16,966	23	5	16,812	23	5
	17,407		5	17,258		5	17,098		5	16,943		5	16,789		5
	Plug to Plug	187	44	Plug to Plug	122	44	Plug to Plug	153	44	Plug to Plug	156	44	Plug to Plug	155	44
	Frac Plug	17,552	Total Shots	Frac Plug	17,365	Total Shots	Frac Plug	17,243	Total Shots	Frac Plug	17,090	Total Shots	Frac Plug	16,934	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
	16,769	20	6	16,615	19	6	16,454	26	6	16,304	21	6	16,151	19	6
	16,750	19	6	16,595	19	6	16,441	19	6	16,286	19	6	16,132	20	6
	16,731	20	6	16,576	19	6	16,422	20	6	16,267	19	6	16,112	19	6
	16,711	19	6	16,557	20	6	16,402	19	6	16,248	20	6	16,093	19	6
	16,692	19	5	16,537	19	5	16,383	19	5	16,228	19	5	16,074	20	5
	16,673	20	5	16,518	19	5	16,364	20	5	16,209	19	5	16,054	19	5
	16,653	19	5	16,499	19	5	16,344	19	5	16,190	20	5	16,035	19	5
	16,634		5	16,480		5	16,325		5	16,170		5	16,016		5
	Plug to Plug	155	44	Plug to Plug	160	44	Plug to Plug	149	44	Plug to Plug	154	44	Plug to Plug	155	44
	Frac Plug	16,779	Total Shots	Frac Plug	16,624	Total Shots	Frac Plug	16,464	Total Shots	Frac Plug	16,315	Total Shots	Frac Plug	16,161	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
	15,996	20	6	15,842	23	6	15,687	20	6	15,534	18	6	15,378	20	6
	15,977	19	6	15,823	20	6	15,668	22	6	15,513	15	6	15,359	19	6
	15,958	21	6	15,803	19	6	15,646	17	6	15,498	23	6	15,340	20	6
	15,937	18	6	15,784	19	6	15,629	15	6	15,475	20	6	15,320	19	6
	15,919	15	5	15,765	20	5	15,614	23	5	15,455	19	5	15,301	19	5
	15,904	23	5	15,745	19	5	15,591	25	5	15,436	19	5	15,282	20	5
	15,881	16	5	15,726	19	5	15,566	14	5	15,417	19	5	15,262	19	5
	15,865		5	15,707		5	15,552		5	15,398		5	15,243		5
	Plug to Plug	156	44	Plug to Plug	151	44	Plug to Plug	157	44	Plug to Plug	154	44	Plug to Plug	155	44
	Frac Plug	16,006	Total Shots	Frac Plug	15,850	Total Shots	Frac Plug	15,699	Total Shots	Frac Plug	15,542	Total Shots	Frac Plug	15,388	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
	15,224	19	6	15,069	22	6	14,915	19	6	14,760	19	6	14,605	20	6
	15,200	15	6	15,050	20	6	14,895	19	6	14,741	20	6	14,586	19	6
	15,185	15	6	15,030	19	6	14,876	19	6	14,721	19	6	14,567	20	6
	15,170	24	6	15,011	19	6	14,857	20	6	14,702	19	6	14,547	19	6
	15,146	15	5	14,992	20	5	14,837	19	5	14,683	20	5	14,528	23	5
	15,131	23	5	14,972	19	5	14,818	14	5	14,663	19	5	14,505	16	5
	15,108	17	5	14,953	19	5	14,804	25	5	14,644	19	5	14,489	19	5
	15,091		5	14,934		5	14,779		5	14,625		5	14,470		5
	Plug to Plug	154	44	Plug to Plug	155	44	Plug to Plug	154	44	Plug to Plug	155	44	Plug to Plug	155	44
	Frac Plug	15,233	Total Shots	Frac Plug	15,079	Total Shots	Frac Plug	14,924	Total Shots	Frac Plug	14,770	Total Shots	Frac Plug	14,615	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
	14,451	19	6	14,286	30	6	14,096	65	6	13,989	17	6	13,833	19	6
	14,429	17	6	14,271	13	6	14,090	5	6	13,968	20	6	13,816	28	6
	14,412	17	6	14,258	20	6	14,085	5	6	13,948	17	6	13,788	13	6
	14,395	21	6	14,238	19	6	14,080	21	6	13,931	21	6	13,775	25	6
	14,374	19	5	14,219	19	5	14,059	14	5	13,910	20	5	13,750	14	5
	14,355	20	5	14,200	20	5	14,045	26	5	13,890	19	5	13,736	19	5
	14,335	19	5	14,180	19	5	14,019	13	5	13,871	19	5	13,717	20	5
	14,316		5	14,161		5	14,006		5	13,852		5	13,697		5
	Plug to Plug	164	44	Plug to Plug	160	44	Plug to Plug	139	44	Plug to Plug	155	44	Plug to Plug	160	44
	Frac Plug	14,480	Total Shots	Frac Plug	14,296	Total Shots	Frac Plug	14,136	Total Shots	Frac Plug	13,997	Total Shots	Frac Plug	13,842	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
	13,678	19	6	13,518	25	6	13,369	19	6	13,214	18	6	13,054	25	6
	13,659	20	6	13,504	14	6	13,350	20	6	13,192	16	6	13,040	19	6
	13,639	19	6	13,490	25	6	13,330	19	6	13,176	16	6	13,021	19	6
	13,620	19	6	13,465	19	6	13,311	19	6	13,160	23	6	13,002	20	6
	13,601	20	5	13,446	21	5	13,292	20	5	13,137	17	5	12,982	19	5
	13,581	23	5	13,425	17	5	13,272	19	5	13,120	22	5	12,963	19	5
	13,558	15	5	13,408	20	5	13,253	21	5	13,098	19	5	12,944	20	5
	13,543		5	13,388		5	13,232		5	13,079		5	12,924		5
	Plug to Plug	147	44	Plug to Plug	157	44	Plug to Plug	154	44	Plug to Plug	160	44	Plug to Plug	162	44
	Frac Plug	13,682	Total Shots	Frac Plug	13,535	Total Shots	Frac Plug	13,378	Total Shots	Frac Plug	13,224	Total Shots	Frac Plug	13,064	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
	12,893	31	6	12,738	32	6	12,596	19	6	12,430	31	6	12,274	32	6
	12,886	20	6	12,728	21	6	12,577	20	6	12,422	19	6	12,268	20	6
	12,866	19	6	12,707	14	6	12,557	19	6	12,403	20	6	12,248	19	6
	12,847	22	6	12,693	18	6	12,538	-51	6	12,383	19	6	12,229	22	6
	12,825	16	5	12,675	21	5	12,589	90	5	12,364	19	5	12,207	17	5
	12,809	21	5	12,654	19	5	12,499	19	5	12,345	20	5	12,190	14	5
	12,788	18	5	12,635	20	5	12,480	19	5	12,325	19	5	12,176	24	5
	12,770		5	12,615		5	12,461		5	12,306		5	12,152		5
	Plug to Plug	156	44	Plug to Plug	140	44	Plug to Plug	166	44	Plug to Plug	158	44	Plug to Plug	140	44
	Frac Plug	12,902	Total Shots	Frac Plug	12,746	Total Shots	Frac Plug	12,606	Total Shots	Frac Plug	12,440	Total Shots	Frac Plug	12,282	Total Shots

CRAIG FEDERAL COM #2H

	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
	12,124	28	6	11,978	19	6	11,820	24	6	11,665	23	6	11,514	19	6
	12,113	19	6	11,958	19	6	11,804	19	6	11,649	24	6	11,495	20	6
From Bottom to Top	12,094	20	6	11,939	22	6	11,785	20	6	11,625	14	6	11,475	20	6
	12,074	19	6	11,917	17	6	11,765	19	6	11,611	20	6	11,455	18	6
	12,055	19	5	11,900	24	5	11,746	19	5	11,591	19	5	11,437	24	5
	12,036	20	5	11,876	14	5	11,727	20	5	11,572	19	5	11,413	15	5
	12,016	19	5	11,862	18	5	11,707	19	5	11,553	20	5	11,398	15	5
	11,997		5	11,844		5	11,688		5	11,533		5	11,383		5
	Plug to Plug	155	44	Plug to Plug	158	44	Plug to Plug	151	44	Plug to Plug	154	44	Plug to Plug	156	44
	Frac Plug	12,142	Total Shots	Frac Plug	11,987	Total Shots	Frac Plug	11,829	Total Shots	Frac Plug	11,678	Total Shots	Frac Plug	11,524	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
	11,358	25	6	11,194	30	6	11,052	18	6	10,896	19	6	10,736	24	6
	11,343	22	6	11,180	14	6	11,031	19	6	10,873	16	6	10,722	19	6
From Bottom to Top	11,321	20	6	11,166	19	6	11,012	20	6	10,857	19	6	10,703	20	6
	11,301	19	6	11,147	21	6	10,992	19	6	10,838	20	6	10,683	20	6
	11,282	19	5	11,126	18	5	10,973	19	5	10,818	19	5	10,663	18	5
	11,263	19	5	11,108	19	5	10,954	20	5	10,799	19	5	10,645	22	5
	11,244	20	5	11,089	19	5	10,934	19	5	10,780	20	5	10,623	17	5
	11,224		5	11,070		5	10,915		5	10,760		5	10,606		5
	Plug to Plug	164	44	Plug to Plug	144	44	Plug to Plug	156	44	Plug to Plug	160	44	Plug to Plug	148	44
	Frac Plug	11,368	Total Shots	Frac Plug	11,204	Total Shots	Frac Plug	11,060	Total Shots	Frac Plug	10,904	Total Shots	Frac Plug	10,744	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
	10,579	27	6	10,432	19	6	10,272	27	6	10,110	32	6	9,968	30	6
	10,567	18	6	10,413	20	6	10,261	22	6	10,100	20	6	9,949	19	6
From Bottom to Top	10,549	20	6	10,393	22	6	10,239	19	6	10,080	15	6	9,930	20	6
	10,529	20	6	10,371	16	6	10,220	20	6	10,065	16	6	9,910	19	6
	10,509	19	5	10,355	25	5	10,200	19	5	10,049	23	5	9,891	19	5
	10,490	19	5	10,330	14	5	10,181	19	5	10,026	19	5	9,872	20	5
	10,471	20	5	10,316	17	5	10,162	20	5	10,007	9	5	9,852	19	5
	10,451		5	10,299		5	10,142		5	9,998		5	9,833		5
	Plug to Plug	154	44	Plug to Plug	10442	44	Plug to Plug	-10118	44	Plug to Plug	140	44	Plug to Plug	155	44
	Frac Plug	10,596	Total Shots	Frac Plug	10,442	Total Shots	Frac Plug		Total Shots	Frac Plug	10,118	Total Shots	Frac Plug	9,978	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
	9,814	19	6	9,652	27	6	9,500	24	6	9,350	19	6	9,195	26	6
	9,791	16	6	9,640	19	6	9,485	26	6	9,331	20	6	9,182	25	6
From Bottom to Top	9,775	26	6	9,621	20	6	9,459	12	6	9,311	19	6	9,157	27	6
	9,749	13	6	9,601	21	6	9,447	19	6	9,292	19	6	9,130	12	6
	9,736	18	5	9,580	17	5	9,428	20	5	9,273	20	5	9,118	17	5
	9,718	20	5	9,563	23	5	9,408	19	5	9,253	19	5	9,101	21	5
	9,698	19	5	9,540	16	5	9,389	20	5	9,234	13	5	9,080	20	5
	9,679		5	9,524		5	9,369		5	9,221		5	9,060		5
	Plug to Plug	160	44	Plug to Plug	149	44	Plug to Plug	154	44	Plug to Plug	155	44	Plug to Plug	162	44
	Frac Plug	9,823	Total Shots	Frac Plug	9,663	Total Shots	Frac Plug	9,514	Total Shots	Frac Plug	9,360	Total Shots	Frac Plug	9,205	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
	9,033	27	6	8,880	26	6	8,732	19	6	8,577	20	6		8447	
	9,022	20	6	8,867	22	6	8,712	19	6	8,555	16	6			
From Bottom to Top	9,002	19	6	8,845	17	6	8,693	19	6	8,539	24	6			
	8,983	19	6	8,828	24	6	8,674	19	6	8,515	15	6			
	8,964	20	5	8,804	14	5	8,655	20	5	8,500	13	5			
	8,944	24	5	8,790	18	5	8,635	19	5	8,487	26	5			
	8,920	14	5	8,772	21	5	8,616	19	5	8,461	14	5			
	8,906		5	8,751		5	8,597		5	8,447		5			
	Plug to Plug	147	44	Plug to Plug	155	44	Plug to Plug	154	44	Plug to Plug	1960	44	Plug to Plug	6627	0
	Frac Plug	9,043	Total Shots	Frac Plug	8,896	Total Shots	Frac Plug	8,741	Total Shots	Frac Plug	8,587	Total Shots	Frac Plug	6,627	Total Shots

Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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

5. Lease Serial No.
NMNM113937

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
CRAIG FEDERAL COM 2H

2. Name of Operator
COG OPERATING LLC
Contact: STORMI DAVIS
E-Mail: sdavis@concho.com

9. API Well No.
30-015-44209

3a. Address
2208 WEST MAIN
ARTESIA, NM 88210

3b. Phone No. (include area code)
Ph: 575-748-6946

10. Field and Pool or Exploratory Area
WILDCAT; BONE SPRING

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 1 T26S R26E Mer NMP NWNW 675FNL 760FWL

11. County or Parish, State
EDDY COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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.

9/14/17 to 10/21/17 Test annulus to 1500# for 30 mins. Good test. Ran CBL. TOC @ 1230'. Set CBP @ 18340'. Test to 5041#. Perf 8447-18315' (2816). Acdz w/151,830 gals 15% acid. Frac w/19,972,499# sand and 22,035,034 gals fluid.
10/23/17 to 10/26/17 Drilled out CFP's. Clean down to CBP @ 18340'.

10/27/17 to 10/28/17 Set 2 7/8" 6.5# L-80 tbg @ 7017' & pkr @ 7008'.

11/6/17 Began flowing back & testing.

11/7/17 Date of first production.

NM OIL CONSERVATION
ARTESIA DISTRICT
NOV 27 2017
RECEIVED

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #394678 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad

Name *(Printed/Typed)* STORMI DAVIS — Title PREPARER

Signature (Electronic Submission) — Date 11/10/2017

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

Pending BLM approvals will subsequently be reviewed and scanned
SC 11-28-17

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingl States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdi nited

(Instructions on page 2)

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