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 – 025-43338	Lusk; Bone Spring, North	41450

[7] Property Code	[8] Property Name	[9] Well Number
308658	Stealth Federal Com	4H

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
P	17	19S	32E		317	South	940	East	Lea

[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
A	17	19S	32E		51	North	325	East	Lea

[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	P	12/10/16			

III. Oil and Gas Transporters

[18] Transporter OGRID	[19] Transporter Name and Address	[20] O/G/W
	Alpha Crude Connector Pipeline	O
36785	DCP Midstream, LP 10 Desta Dr – Suite 2500 Midland, TX 79705-4528	G

IV. Well Completion Data

[21] Spud Date	[22] Ready Date	[23] TD	[24] PBTD	[25] Perforations	[26] DHC, MC
9/26/16	12/4/16	14335'	14286'	9522-14270'	

[27] Hole Size	[28] Casing & Tubing Size	[29] Depth Set	[30] Sacks Cement
17 1/2"	13 3/8"	916'	710
12 1/4"	9 5/8"	4572'	2500
8 3/4"	5 1/2"	14335'	2170
	2 7/8"	8891'	

V. Well Test Data

[31] Date New Oil	[32] Gas Delivery Date	[33] Test Date	[34] Test Length	[35] Tbg. Pressure	[36] Csg. Pressure
12/9/16	12/10/16	12/10/16	24 Hrs	250#	45#
[37] Choke Size	**[38] Oil**	**[39] Water**	**[40] Gas**		**[41] Test Method**
	42	1808	44		Pumping

[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: 1/19/17

Phone: 575-748-6946

OIL CONSERVATION DIVISION

Approved by:

Title: Petroleum Engineer

Approval Date: 01/27/16

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.
NMNM104686

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.
STEALTH FEDERAL COM 4H

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

9. API Well No.
30-025-43338

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
LUSK; BONE SPRING NORTH

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 17 T19S R32E Mer NMP SESE 317FSL 940FEL

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			
☐ 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.

10/19/16 to 10/20/16 Install test plug & test to 9500#. Good test. Test annulus to 1500#. Good test.

10/30/16 to 11/4/16 Set CBP @ 14286'. Test to 8500# for 30 mins. Good test. Perforate 9522-14270' (1408). Acdz w/97764 gal 7 1/2% acid. Frac w/7506050# sand & 7883368 gal fluid.

11/29/16 to 12/4/16 Drill out all frac plugs & clean down to CBP @ 14286'. Set 2 7/8" 6.5# L-80 tbg @ 8891' & place well on pump.

12/5/16 Began flowing back & testing.

12/9/16 Date of first production.

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #364216 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Hobbs

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

Signature (Electronic Submission) — Date 01/19/2017

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 ****

HOBBS OCD
JAN 23 2017
RECEIVED

Form 3160-4
(August 2007)

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. NMNM104686

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.: STEALTH FEDERAL COM 4H

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

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

9. API Well No.: 30-025-43338

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: Sec 17 T19S R32E Mer NMP SESE 317FSL 940FEL
At top prod interval reported below: Sec 17 T19S R32E Mer NMP
At total depth: NENE 51FNL 325FEL

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

11. Sec., T., R., M., or Block and Survey or Area: Sec 17 T19S R32E Mer NMP

12. County or Parish: LEA

13. State: NM

14. Date Spudded: 09/26/2016

15. Date T.D. Reached: 10/10/2016

16. Date Completed ☐ D & A ☒ Ready to Prod. 12/04/2016

17. Elevations (DF, KB, RT, GL)*: 3592 GL

18. Total Depth: MD 14335 TVD 9389

19. Plug Back T.D.: MD 14286 TVD 9386

20. Depth Bridge Plug Set: MD 14286 TVD 9386

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	916		710		0	
12.250	9.625 J55	40.0	0	4572	2886	2500		0	
8.750	5.500 P110	17.0	0	14335		2170		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	8891							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	BONE SPRING	9522	14270	9522 TO 14270	0.430	1408	OPEN
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
9522 TO 14270	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
12/09/2016	12/10/2016	24	→	42.0	44.0	1808.0			ELECTRIC PUMP SUB-SURFACE

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
	250	45.0	→	42	44	1808		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 #364222 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
CHERRY CANYON	4702	5671		RUSTLER	837
BRUSHY CANYON	5672	7219		TOS	927
BONE SPRING LM	7220	8479		CHERRY CANYON	4702
1ST BONE SPRING	8480	9228		BRUSHY CANYON	5672
2ND BONE SPRING	9229	9389		BONE SPRING LM	7220
				1ST BONE SPRING	8480
				2ND BONE SPRING	9229

32. Additional remarks (include plugging procedure):
Surveys, 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 #364222 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs

Name *(please print)* STORMI DAVIS Title PREPARER

Signature (Electronic Submission) Date 01/19/2017

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 ****

STEALTH FEDERAL COM #4H (30-025-43338)

Perfs	7 1/2% Acid (Gal)	Sand (#)	Fluid (Gal)
1	4032	219000	271404
2	3024	182880	221382
3	3024	217700	320544
4	3024	232850	247506
5	3024	242830	271698
6	3024	242220	291774
7	3024	240940	264642
8	3024	228150	256788
9	3024	228340	235536
10	3024	241550	242844
11	3024	238270	240450
12	3024	236720	238686
13	3024	235250	242928
14	3024	226910	237090
15	3024	235940	242466
16	3024	241310	241668
17	3024	241420	241500
18	3024	240310	241290
19	3024	234370	256452
20	3012	237680	236008
21	3024	242940	242382
22	3024	240440	239022
23	3024	239430	239148
24	3024	234730	236502
25	3024	222530	227388
26	3024	234330	236880
27	3024	241760	238098
28	3024	244500	236460
29	3024	240250	236502
30	3024	232970	234066
31	3024	241780	234108
32	3024	245750	240156
Totals	**97,764**	**7,506,050**	**7,883,368**

Stealth Federal Com #4H (30-025-43338)

	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
From Bottom to Top	14,270	37	14	14,120	38	14	13,971	37	14	13,824	35	14	13,672	37	14
	14,233	38	12	14,083	37	12	13,934	38	12	13,784	37	12	13,634	37	12
	14,195	37	10	14,046	38	10	13,896	37	10	13,747	38	10	13,597	37	10
	14,158		8	14,008		8	13,859		8	13,709		8	13,560		8
	Plug to Plug	147	44	Plug to Plug	142	44	Plug to Plug	157	44	Plug to Plug	160	44	Plug to Plug	139	44
	Frac Plug	14,286	Total Shots	Frac Plug	14,139	Total Shots	Frac Plug	13,997	Total Shots	Frac Plug	13,840	Total Shots	Frac Plug	13,680	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
From Bottom to Top	13,520	40	14	13,373	37	14	13,223	38	14	13,074	37	14	12,927	34	14
	13,488	40	12	13,335	37	12	13,188	40	12	13,036	37	12	12,887	38	12
	13,448	38	10	13,298	37	10	13,148	37	10	12,999	38	10	12,849	37	10
	13,410		8	13,261		8	13,111		8	12,961		8	12,812		8
	Plug to Plug	151	44	Plug to Plug	148	44	Plug to Plug	157	44	Plug to Plug	142	44	Plug to Plug	159	44
	Frac Plug	13,541	Total Shots	Frac Plug	13,390	Total Shots	Frac Plug	13,242	Total Shots	Frac Plug	13,085	Total Shots	Frac Plug	12,943	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
From Bottom to Top	12,775	37	14	12,623	39	14	12,475	38	14	12,326	37	14	12,176	38	14
	12,737	37	12	12,589	37	12	12,438	37	12	12,286	33	12	12,139	37	12
	12,700	38	10	12,552	39	10	12,401	38	10	12,253	39	10	12,102	38	10
	12,662		8	12,513		8	12,363		8	12,214		8	12,064		8
	Plug to Plug	140	44	Plug to Plug	150	44	Plug to Plug	149	44	Plug to Plug	150	44	Plug to Plug	149	44
	Frac Plug	12,784	Total Shots	Frac Plug	12,644	Total Shots	Frac Plug	12,494	Total Shots	Frac Plug	12,345	Total Shots	Frac Plug	12,195	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
From Bottom to Top	12,026	38	14	11,877	38	14	11,728	37	14	11,578	38	14	11,429	37	14
	11,992	40	12	11,840	37	12	11,690	37	12	11,541	38	12	11,395	41	12
	11,952	37	10	11,803	38	10	11,653	37	10	11,503	37	10	11,354	37	10
	11,915		8	11,765		8	11,616		8	11,466		8	11,317		8
	Plug to Plug	150	44	Plug to Plug	150	44	Plug to Plug	156	44	Plug to Plug	143	44	Plug to Plug	153	44
	Frac Plug	12,046	Total Shots	Frac Plug	11,896	Total Shots	Frac Plug	11,746	Total Shots	Frac Plug	11,590	Total Shots	Frac Plug	11,447	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
From Bottom to Top	11,279	38	14	11,127	40	14	10,980	39	14	10,831	37	14	10,681	37	14
	11,242	38	12	11,089	34	12	10,943	38	12	10,793	37	12	10,644	38	12
	11,204	37	10	11,055	36	10	10,905	37	10	10,756	38	10	10,606	37	10
	11,167		8	11,019		8	10,868		8	10,718		8	10,569		8
	Plug to Plug	146	44	Plug to Plug	149	44	Plug to Plug	150	44	Plug to Plug	149	44	Plug to Plug	155	44
	Frac Plug	11,294	Total Shots	Frac Plug	11,148	Total Shots	Frac Plug	10,999	Total Shots	Frac Plug	10,849	Total Shots	Frac Plug	10,700	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
From Bottom to Top	10,531	38	14	10,380	39	14	10,232	38	14	10,079	41	14	9,933	38	14
	10,494	37	12	10,347	40	12	10,195	37	12	10,045	37	12	9,896	38	12
	10,457	38	10	10,307	37	10	10,158	38	10	10,008	37	10	9,858	29	10
	10,419		8	10,270		8	10,120		8	9,971		8	9,829		8
	Plug to Plug	144	44	Plug to Plug	156	44	Plug to Plug	144	44	Plug to Plug	149	44	Plug to Plug	150	44
	Frac Plug	10,545	Total Shots	Frac Plug	10,401	Total Shots	Frac Plug	10,245	Total Shots	Frac Plug	10,101	Total Shots	Frac Plug	9,952	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
From Bottom to Top	9,784	45	14	9,634	38	14		9522			0			0	
	9,746	37	12	9,597	38	12									
	9,709	37	10	9,559	37	10									
	9,672		8	9,522		8									
	Plug to Plug	149	44	Plug to Plug	131	44	Plug to Plug	0	0	Plug to Plug	0	0	Plug to Plug	0	0
	Frac Plug	9,802	Total Shots	Frac Plug	9,653	Total Shots	Frac Plug		Total Shots	Frac Plug		Total Shots	Frac Plug		Total Shots

PATRIOT DRILLING, LLC

OPERATOR: COG Operating, LLC
WELL/LEASE: Stealth Federal Com #4H
COUNTY: Lea Co., New Mexico
Sec. 17, T 19S, R 32E

STATE OF NEW MEXICO
DEVIATION REPORT

Depth	Deviation	Depth	Deviation
465	1/2	2,466	1
859	1/2	3,115	1
1,049	1 1/4	3,587	3/4
1,521	1 1/2	4,059	1 1/4
1,804	1 1/4	4,437	1 3/4

Patriot Drilling, LLC

M. Leroy Peterson, Executive Vice-President

The foregoing instrument was acknowledged before me on this 14th day of October 2016 by M. Leroy Peterson, Executive Vice-President of Patriot Drilling, LLC.

My Commission Expires: 02/01/2019

Lori T. Rowan
Notary Public for Ector Co., Texas

LORI TERESA ROWAN
Notary Public, State of Texas
My Commission Expires
February 01, 2019

303 W. Wall St. Ste. 2201 • P.O. Box 1610 • Midland, Texas 79702 • 432-686-2780 • Fax 432-686-8800