

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

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.

Submit one copy to appropriate District Office

☐ AMENDED REPORT

State of New Mexico
Oil Conservation Division

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address COG Operating LLC 2208 W. Main Street Artesia, NM 88210		² OGRID Number 229137
³ Reason for Filing Code/ Effective Date NW		
⁴ API Number 30 - 015-42820	⁵ Pool Name WC-015 G-07 S2529280; Wolfcamp	⁶ Pool Code 98183
⁷ Property Code 313927	⁸ Property Name Admiral Federal Com	⁹ Well Number 2H

II. ¹⁰ Surface Location

Ul or lot no. O	Section 28	Township 25S	Range 29E	Lot Idn	Feet from the 190	North/South Line South	Feet from the 1980	East/West line East	County Eddy
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¹¹ Bottom Hole Location

Ul or lot no. B	Section 21	Township 25S	Range 29E	Lot Idn	Feet from the 341	North/South Line North	Feet from the 1986	East/West line East	County Eddy
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
151618	Enterprise Field Services, LLC P.O. Box 4503 Houston, TX 77210-4503	O

IV. Well Completion Data

²¹ Spud Date 2/13/16	²² Ready Date 5/19/16	²³ TD 20131' 10085'	²⁴ PBTD 20010'	²⁵ Perforations 10454-19985'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	640'	625		
12 1/4"	9 5/8"	9521'	4546		
8 1/2"	5 1/2"	20131'	3850		
	2 7/8"	9723'			

V. Well Test Data

³¹ Date New Oil 5/26/16	³² Gas Delivery Date	³³ Test Date 6/1/16	³⁴ Test Length 24 Hrs	³⁵ Tbg. Pressure 2500#	³⁶ Csg. Pressure
³⁷ Choke Size 27/64"	³⁸ Oil 862	³⁹ Water 2690	⁴⁰ Gas 1767		⁴¹ Test Method 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:

Printed name:
Stormi Davis

Title:
Regulatory Analyst

E-mail Address:
sdavis@concho.com

Date:
6/2/16

Phone:
575-748-6946

OIL CONSERVATION DIVISION

Approved by:

Taren Sharp

Title:

Bus Op Spec - Adv

Approval Date:

6-9-16

Pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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.

5. Lease Serial No.
NMNM115413

Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

ADMIRAL FEDERAL COM 2H

2. Name of Operator

COG OPERATING LLC

Contact: STORMI DAVIS

E-Mail: sdavis@concho.com

9. API Well No.

30-015-42820

3a. Address

2208 WEST MAIN
ARTESIA, NM 88210

3b. Phone No. (include area code)

Ph: 575-748-6946

10. Field and Pool, or Exploratory

WILDCAT; WOLFCAMP

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 28 T25S R29E Mer NMP SWSE 190FSL 1980FEL

11. County or Parish, and State

EDDY COUNTY, NM

12. CHECK 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"/> Fracture Treat	<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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

3/28/16 to 5/9/16 MIRU. Test 5 1/2" csg to 8300#. Good test. Perforate 20025-20036' (60) & perform injection test. Set CBP @ 20010'. Test csg to 8338# for 30 mins. Good test. Perforate 10454-19985' (2304). Acdz w/192,486 gal 7 1/2% acid; frac w/19,097,769# sand & 19,663,896 gal clean fluid.

5/10/16 to 5/14/16 Drilled out all frac plugs. Clean down to CBP @ 20010'.

5/15/16 to 5/19/16 Set 2 7/8" 6.5# L-80 tbg @ 9723' & pkr @ 9705'. Installed gas-lift system.

5/25/16 Began flowing back & testing.

5/26/16 Date of first production.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #340883 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 06/02/2016

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

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

to any department or agency of the United

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM115413

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
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 _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator COG OPERATING LLC			Contact: STORMI DAVIS E-Mail: sdavis@concho.com		
3. Address 2208 WEST MAIN ARTESIA, NM 88210			3a. Phone No. (Include Area Code) Ph: 575-748-4411		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWSE 190FSL 1980FEL At top prod interval reported below Sec 21 T25S R29E Mer NMP At total depth NWNE 341FNL 1986FEL			9. API Well No. 30-015-42820		
14. Date Spudded 02/13/2016			15. Date T.D. Reached 03/24/2016		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 05/19/2016			17. Elevations (DF, KB, RT, GL)* 2988 GL		
18. Total Depth: MD 20131 TVD 10291			19. Plug Back T.D.: MD 20010 TVD 10289		
20. Depth Bridge Plug Set: MD 20010 TVD 10289			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL, SONIC, LATEROLOG		
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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	640		625		0	
12.250	9.625 P110	47.0	0	9521	3040	4546		0	
8.500	5.500 P110	20.0	0	20131		3850		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	9723	9705						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	10454	19985	10454 TO 19985	0.430	2304	OPEN
B)			20025 TO 20036		60	UNDER CBP @ 20010'
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
10454 TO 19985	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
05/26/2016	06/01/2016	24	→	862.0	1767.0	2690.0			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	
27/64	2500		→	862	1767	2690		PROD.	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API
			→				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio
			→				

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subsequently be reviewed
and scanned

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #340913 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.)
FLARED

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	2983	3030		RUSTLER	604
BELL CANYON	3031	3874		TOP OF SALT	804
CHERRY CANYON	3875	5126		BOTTOM OF SALT	2819
BRUSHY CANYON	5127	6713		LAMAR	2983
BONE SPRING LM	6714	7661		BELL CANYON	3031
1ST BONE SPRING	7662	9098		CHERRY CANYON	3875
CHARKEY	9099	9556		BRUSHY CANYON	5127
3RD BONE SPRING	9557	9941		BONE SPRING LM	6714

32. Additional remarks (include plugging procedure):
Surveys & perfs/stimulation are attached.

Additional Tops:
Wolfcamp 9942'

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 #340913 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) STORMI DAVISTitle PREPARER

Signature _____ (Electronic Submission)

Date 06/02/2016

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 ****

Admiral Federal Com #2H

30-015-42820

Sec 28-T25S-R29E

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
1	1512	300701	285138
2	2982	301765	316806
3	3024	302642	325836
4	3024	300941	336924
5	3024	301450	327978
6	3024	300012	362040
7	3024	299843	385182
8	3066	300701	351666
9	3066	301198	315462
10	3066	299913	352884
11	3066	301680	322602
12	3024	299649	307482
13	3024	253709	283920
14	2982	262534	279216
15	3024	298943	312438
16	3024	302034	305508
17	3024	299794	302274
18	3024	300375	300132
19	3024	302814	512862
20	2982	300417	433440
21	3108	299780	308868
22	3024	300869	300300
23	3024	299105	296436
24	3066	301147	299712
25	3066	300878	302232
26	3024	300717	290934
27	3024	300246	292446
28	3024	301238	291270
29	2982	300981	288246
30	3066	300678	288708
31	3024	303454	294168
32	3066	299680	292656
33	3024	301605	289842
34	2982	300157	292320
35	3024	300784	333144
36	3066	301256	286440
37	3024	299950	285390
38	3024	300822	286734
39	3024	300728	286944
40	2982	300128	286272
41	3192	303013	286020
42	3108	301802	296646
43	3066	300010	285978
44	3024	300066	284970
45	1512	301999	443184

Admiral Federal Com #2H**30-015-42820****Sec 28-T25S-R29E**

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
46	3066	297068	284508
47	3066	301651	284340
48	3024	299929	281652
49	3024	298959	282996
50	3024	243251	327684
51	3024	299620	338520
52	3024	299640	279720
53	3024	301361	284676
54	3066	300749	281946
55	3066	285172	273252
56	3066	300021	284088
57	3066	300104	283416
58	2982	300258	275898
59	3024	298868	278964
60	3024	301762	282072
61	3066	300237	279174
62	4578	300657	285264
63	2856	300813	279006
64	2856	315441	287070
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	192,486	19,097,769	19,663,896