

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

HOBBS OCD
APR 10 2017

RECEIVED

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 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 - 025-43387	⁵ Pool Name WC-025 G05 S253523H; Delaware	⁶ Pool Code 97779
⁷ Property Code 317372	⁸ Property Name Music Master 27 Federal	⁹ Well Number 3H

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
B	27	25S	35E		330	North	2250	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
O	27	25S	35E		184	South	2177	East	Lea

¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 3/15/17	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
	Shuler Trucking	O
24650	Targa Midstream Services, LP 1000 Louisiana - Ste 4700 Houston, TX 77002	G

IV. Well Completion Data

²¹ Spud Date 12/25/16	²² Ready Date 3/8/17	²³ TD 13368'	²⁴ PBDT 13237'	²⁵ Perforations 9044-13210'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	930'	850		
12 1/4"	9 5/8"	5125'	1495		
8 3/4"	7"	0-8213'	1500		
8 3/4"	5 1/2"	8213-13363'			
	2 7/8"	8293'			

V. Well Test Data

³¹ Date New Oil 3/12/17	³² Gas Delivery Date 3/15/17	³³ Test Date 3/12/17	³⁴ Test Length 24 Hrs	³⁵ Tbg. Pressure 239#	³⁶ Csg. Pressure 95#
³⁷ Choke Size	³⁸ Oil 7	³⁹ Water 3030	⁴⁰ Gas 0		⁴¹ Test Method 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: 

Printed name:
Stormi Davis

Title:
Regulatory Analyst

E-mail Address:
sdavis@concho.com

Date:
4/6/17

Phone:
575-748-6946

OIL CONSERVATION DIVISION	
Approved by:	
Title:	Petroleum Engineer
Approval Date:	04/14/17

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.

HOBBS OCD
APR 10 2017
RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM134080
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
3a. Address 2208 WEST MAIN ARTESIA, NM 88210		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 575-748-6946		8. Well Name and No. MUSIC MASTER 27 FEDERAL 3H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 27 T25S R35E Mer NMP NWNE 330FNL 2250FEL		9. API Well No. 30-025-43387
		10. Field and Pool or Exploratory Area WILDCAT; DELAWARE
		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
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Hydraulic Fracturing
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Recombine
	<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
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other

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 recompleate 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 recompleation 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.

1/20/17 to 1/28/17 Test csg to 8500# for 15 mins. Good test. Drill out FC, FS and 5' new formation. Set CBP @ 13237' & test csg to 8522#. Good test. Perf 9044-13210' (576). Acdd w/92484 gal 7 1/2%; frac w/4919603# sand & 5458992 gal fluid.

2/7/17 to 2/9/17 Drilled out CFP's. SI - waiting on ROW and construction of gas sales line.

3/6/17 to 3/8/17 Set 2 7/8" 6.5# L-80 tbg @ 8293' and placed well on pump.

3/9/17 Began flowing back and testing.

3/12/17 Date of first production.

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

**Electronic Submission #372278 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 04/06/2017

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 ****

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM134080

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.
MUSIC MASTER 27 FEDERAL 3H

3. Address 2208 WEST MAIN
ARTESIA, NM 88210
 3a. Phone No. (include area code)
Ph: 575-748-6946

9. API Well No.
30-025-43387

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface Sec 27 T25S R35E Mer NMP
NWNE 330FNL 2250FEL
 At top prod interval reported below
 Sec 27 T25S R35E Mer NMP
 At total depth SWSE 184FSL 2177FEL

10. Field and Pool, or Exploratory
WILDCAT; DELAWARE

11. Sec., T., R., M., or Block and Survey
or Area Sec 27 T25S R35E Mer NMP

12. County or Parish
LEA
 13. State
NM

14. Date Spudded
12/25/2016
 15. Date T.D. Reached
01/14/2017
 16. Date Completed
 D & A Ready to Prod.
03/08/2017

17. Elevations (DF, KB, RT, GL)*
3193 GL

18. Total Depth: MD 13368 TVD 8896
 19. Plug Back T.D.: MD 13237 TVD 8897
 20. Depth Bridge Plug Set: MD 13237 TVD 8897

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	930		850		0	
12.250	9.625 J55	40.0	0	5125		1495		0	
8.750	7.000 P110	29.0	0	8213		1500		4325	
8.750	5.500 P110	20.0	8213	13363					

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	8293							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE	9044	13210	9044 TO 13210	0.430	576	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9044 TO 13210	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
03/12/2017	03/12/2017	24	→	7.0	0.0	3030.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	239	95.0	→	7	0	3030		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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

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	5220	5255		RUSTLER	925
BELL CANYON	5256	6172		TOS	1195
CHERRY CANYON	6173	7679		BOS	5013
BRUSHY CANYON	7680	8979		LAMAR	5220
BONE SPRING LM	8980	9205		BELL CANYON	5256
				CHERRY CANYON	6173
				BRUSHY CANYON	7680
				BONE SPRING LM	8980

32. Additional remarks (include plugging procedure):
Surveys, perms & 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 #372288 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 04/06/2017

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

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

MUSIC MASTER 27 FEDERAL #3H (30-025-43387)

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
1	2982	310345	328146
2	5964	310613	347886
3	6006	306055	345114
4	5586	311816	335664
5	6048	306955	329490
6	5964	306028	342342
7	5964	308561	354354
8	6006	307664	360612
9	6006	308977	341502
10	6048	307058	336798
11	5964	306390	343728
12	5964	306717	341082
13	5964	306817	340620
14	5964	306415	344358
15	6048	305340	329574
16	6006	303852	337722
Totals	92,484	4,919,603	5,458,992

