

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.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address COG Production LLC 2208 W. Main Street Artesia, NM 88210		² OGRID Number 217955	
		³ Reason for Filing Code/ Effective Date NW	
⁴ API Number 30 - 015-42391	⁵ Pool Name Brushy Draw; Delaware		⁶ Pool Code 8080
⁷ Property Code 313299	⁸ Property Name Ridge Nose Federal Com		⁹ Well Number 1H

II. ¹⁰ Surface Location

Ul or lot no. 6	Section 31	Township 26S	Range 29E	Lot Idn 6	Feet from the 200	North/South Line South	Feet from the 2310	East/West line East	County Eddy
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¹¹ Bottom Hole Location

Ul or lot no. B	Section 30	Township 26S	Range 29E	Lot Idn B	Feet from the 374	North/South Line North	Feet from the 2300	East/West line East	County Eddy
¹² Lse Code F	¹³ Producing Method Code P		¹⁴ Gas Connection Date		¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date	

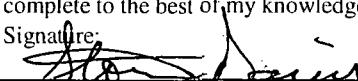

III. Oil and Gas Transporters

¹⁸ Transporter OGRID 282612	¹⁹ Transporter Name and Address Murex N.A. Ltd 55 Waugh Dr - Ste 510 Houston, TX 77007	²⁰ O/G/W O
	NM OIL CONSERVATION ARTESIA DISTRICT	
	MAY 26 2015	
	RECEIVED	

IV. Well Completion Data

²¹ Spud Date 2/10/15	²² Ready Date 4/14/15	²³ TD 13030'	²⁴ PBT 13027'	²⁵ Perforations 6545-12980'	²⁶ DHC, MC
²⁷ Hole Size 17 1/2"		²⁸ Casing & Tubing Size 13 3/8"		²⁹ Depth Set 405'	³⁰ Sacks Cement 1000
12 1/4"		9 5/8"		2605'	1300
7 7/8"		5 1/2"		13030'	2750
		2 7/8"		5741'	

V. Well Test Data

³¹ Date New Oil 5/4/15	³² Gas Delivery Date	³³ Test Date 5/10/15	³⁴ Test Length 24 Hrs	³⁵ Tbg. Pressure 320#	³⁶ Csg. Pressure 180#
³⁷ Choke Size	³⁸ Oil 273	³⁹ Water 3640	⁴⁰ Gas 369		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: 5/19/15			OIL CONSERVATION DIVISION Approved by:  Title: Dist. Supervisor Approval Date: 5-29-15 Phone: 575-748-6946		

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM121474
2. Name of Operator COG PRODUCTION LLC		6. If Indian, Allottee or Tribe Name
Contact: STORMI DAVIS E-Mail: sdavis@concho.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 2208 W MAIN STREET ARTESIA, NM 88210	3b. Phone No. (include area code) Ph: 575-748-6946	8. Well Name and No. RIDGE NOSE FEDERAL COM 1H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 31 T26S R29E Mer NMP SWNE 200FSL 2310FEL		9. API Well No. 30-015-42391
		10. Field and Pool, or Exploratory BRUSHY DRAW; DELAWARE
		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.)

3/17/15 to 3/22/15 MIRU. Pressured to 7522#. No leak-off. Clean down to PBTD @ 13027'.

3/24/15 to 3/28/15 Ran CBL. TOC @ 4020'. Perforate Delaware 6545-12980' (459). Acdz w/103236 gal 7 1/2% acid. Frac w/3385836# sand & 3154956 gal fluid.

4/8/15 to 4/10/15 Drilled out frac plugs.

4/14/15 Set 2 7/8" 6.5# J-55 tbg @ 5741'. Placed well on pump.

4/15/15 Began flowing back & testing.

5/4/15 Date of 1st production.

NM OIL CONSERVATION

ARTESIA DISTRICT

MAY 26 2015

Accepted for record

ED NMOC D 6/2/15

RECEIVED

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

Electronic Submission #302163 verified by the BLM Well Information System
For COG PRODUCTION LLC, sent to the Carlsbad

Name (Printed/Typed) STORMI DAVIS	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 05/19/2015

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.

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

NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAY 26 2015

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NNNM121474

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 PRODUCTION LLC
Contact: STORMI DAVIS
E-Mail: sdavis@concho.com

8. Lease Name and Well No.
RIDGE NOSE FEDERAL COM 1H

3. Address 2208 W MAIN ST
ARTESIA, NM 88210

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

9. API Well No.
30-015-42391

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 31 T26S R29E Mer NMP
At surface SWNE 200FSL 2310FEL
At top prod interval reported below
Sec 30 T26S R29E Mer NMP
At total depth NWNE 374FNL 2300FEL

10. Field and Pool, or Exploratory
BRUSHY DRAW; DELAWARE

11. Sec., T., R., M., or Block and Survey
or Area Sec 31 T26S R29E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
02/10/2015

15. Date T.D. Reached
03/04/2015

16. Date Completed
☐ D & A ☒ Ready to Prod.
04/14/2015

17. Elevations (DF, KB, RT, GL)*
2901 GL

18. Total Depth: MD 13030
TVD 6377

19. Plug Back T.D.: MD 13027
TVD 6377

20. Depth Bridge Plug Set: MD
TVD

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	405		1000		0	
12.250	9.625 J55	40.0	0	2605		1300		0	
7.875	5.500 P110	17.0	0	13030		2750		4020	

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	5741							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE	6545	12980	6545 TO 12980	0.430	459	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
6545 TO 12980	SEE IN REMARKS

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
05/04/2015	05/10/2015	24	→	273.0	369.0	3640.0			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	
	320	180.0	→	273	369	3640		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 #302164 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	2622	2676		RUSTLER	768
BELL CANYON	2677	3528		TOS	945
CHERRY CANYON	3529	4762		BOS	2441
BRUSHY CANYON	4763	6381		LAMAR	2622
				BELL CANYON	2677
				CHERRY CANYON	3529
				BRUSHY CANYON	4763

32. Additional remarks (include plugging procedure):

Perfs 7 1/2" Sand (#) Fluid (gal)
 12723-12980 3000 200008 173184
 12337-12594 5982 200197 190572
 11950-12208 6048 197265 191184
 11564-11822 6048 198770 189294
 11178-11436 6048 198875 186606
 10792-11050 6006 199871 186228
 10406-10663 5982 199141 183516

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 #302164 Verified by the BLM Well Information System.
 For COG PRODUCTION LLC, sent to the Carlsbad

Name (please print) STORMI DAVISTitle REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 05/19/2015

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 ****

Additional data for transaction #302164 that would not fit on the form

32. Additional remarks, continued

10020-10277 6024 199682 185278
9630-9896 6024 200380 181040
9248-9505 6048 200777 234024
8862-9119 6024 200998 180114
8475-8733 6048 199941 181734
8089-8347 5898 200210 178098
7703-7961 6006 196254 179046
7317-7575 6048 198057 176988
6931-7188 6048 196626 175980
6545-6802 9954 198784 182070
Totals 103236 3385836 3154956

Surveys are attached.