

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 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 - 025-43707	⁵ Pool Name WC-025 G-06 S253206M; Bone Spring	⁶ Pool Code 97899
⁷ Property Code 40143	⁸ Property Name Windward Federal	⁹ Well Number 11H

II. ¹⁰ Surface Location

UI or lot no. A	Section 30	Township 24S	Range 32E	Lot Idn	Feet from the 210	North/South Line North	Feet from the 560	East/West line East	County Lea
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¹¹ Bottom Hole Location

UI or lot no. P	Section 31	Township 24S	Range 32E	Lot Idn	Feet from the 205	North/South Line South	Feet from the 977	East/West line East	County Lea
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 8/14/17	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
	Alpha Crude Connector Pipeline	O
	Lucid Energy	G

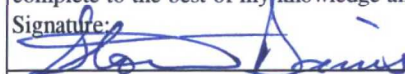
IV. Well Completion Data

²¹ Spud Date 4/15/17	²² Ready Date 8/10/17	²³ TD 19115'	²⁴ PBTD 18965'	²⁵ Perforations 9300-18940'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	810'	810		
12 1/4"	9 5/8"	4645'	1555		
8 3/4"	5 1/2"	19115'	3540		
	2 7/8"	8647'			

V. Well Test Data

³¹ Date New Oil 8/11/17	³² Gas Delivery Date 8/14/17	³³ Test Date 8/11/17	³⁴ Test Length 24 Hrs	³⁵ Tbg. Pressure 600#	³⁶ Csg. Pressure 425#
³⁷ Choke Size	³⁸ Oil 185	³⁹ Water 2951	⁴⁰ Gas 322		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:
8/29/17

Phone:
575-748-6946

OIL CONSERVATION DIVISION

Approved by:

Title:

Petroleum Engineer

Approval Date:

09/06/17

C-104 TEMPORARY APPROVAL pending receipt of approved
BLM forms attached

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

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

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

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface Sec 30 T24S R32E Mer NMP
NENE 210FNL 560FEL
At top prod interval reported below
Sec 31 T24S R32E Mer NMP
At total depth SESE 205FSL 977FEL

5. Lease Serial No. NMNM120908

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. WINDWARD FEDERAL 11H

9. API Well No. 30-025-43707

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

11. Sec., T., R., M., or Block and Survey or Area Sec 30 T24S R32E Mer NMP

12. County or Parish LEA **13. State** NM

14. Date Spudded 04/15/2017 **15. Date T.D. Reached** 05/04/2017 **16. Date Completed**
☐ D & A ☒ Ready to Prod. 08/10/2017

17. Elevations (DF, KB, RT, GL)* 3548 GL

18. Total Depth: MD 19115
TVD 9182 **19. Plug Back T.D.:** MD 18965
TVD 9182 **20. Depth Bridge Plug Set:** MD 18965
TVD 9182

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 K55	54.5	0	810		810		0	
12.250	9.625 L80	40.0	0	4645		1555		0	
8.750	5.500 P110	17.0	0	19115		3540		4122	

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	8647	8630						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9300	18940	9300 TO 18940	0.430	2816	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
9300 TO 18940	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
08/11/2017	08/11/2017	24	→	185.0	322.0	2951.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. 600 SI	Csg. Press. 425.0	24 Hr. Rate →	Oil BBL 185	Gas MCF 322	Water BBL 2951	Gas:Oil Ratio	Well Status	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 #386575 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
LAMAR	4623	4644		RUSTLER	758
BELL CANYON	4645	5568		TOS	1053
CHERRY CANYON	5569	6885		BOS	4389
BRUSHY CANYON	6886	8496		LAMAR	4623
BONE SPRING LM	8497	9182		BELL CANYON	4645
				CHERRY CANYON	5569
				BRUSHY CANYON	6886
				BONE SPRING LM	8497

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 #386575 Verified by the BLM Well Information System.
For COG PRODUCTION LLC, sent to the Hobbs

Name (please print) STORMI DAVIS

Title PREPARER

Signature _____ (Electronic Submission)

Date 08/29/2017

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 ****

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

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.

AUG 31 2017

SUBMIT IN TRIPLICATE - Other instructions on page 2

RECEIVED

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM120908
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 WEST MAIN ARTESIA, NM 88210	3b. Phone No. (include area code) Ph: 575-748-6946	8. Well Name and No. WINDWARD FEDERAL 11H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 30 T24S R32E Mer NMP NENE 210FNL 560FEL		9. API Well No. 30-025-43707
		10. Field and Pool or Exploratory Area WILDCAT; BONE SPRING
		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 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"/> Hydraulic Fracturing	<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 must 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 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.

5/27/17 to 6/22/17 Load & test csg to 1500# for 30 mins. Good test. Ran CBL. TOC @ 4122'. Set CBP @ 18965'. Test to 8447#. Perf 9300-18940' (2816). Acdz w/193,746 gal 7 1/2% Frac w/28,752,818# sand & 26,519,290 gal fluid.

7/16/17 to 7/18/17 Drilled out CFP's. Clean down to CBP @ 18965'.

7/19/17 to 7/20/17 Set 2 7/8" 6.5# L-80 tbg @ 8647' & pkr @ 8630'. Installed gas-lift system.

8/10/17 Began flowing back & testing.

8/11/17 Date of first production.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #386568 verified by the BLM Well Information System For COG PRODUCTION LLC, sent to the Hobbs	
Name (Printed/Typed) STORMI DAVIS	Title PREPARER
Signature (Electronic Submission)	Date 08/29/2017

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 ****