

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 - 015-42507	⁵ Pool Name Willow Lake; Bone Spring, Southeast	⁶ Pool Code 96217
⁷ Property Code 313490	⁸ Property Name Cabo Wabo 25 Federal Com	⁹ Well Number 3H

II. ¹⁰ Surface Location

Ul or lot no. O	Section 25	Township 25S	Range 29E	Lot Idn	Feet from the 540	North/South Line South	Feet from the 1650	East/West line East	County Eddy
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¹¹ Bottom Hole Location

Ul or lot no. B	Section 24	Township 25S	Range 29E	Lot Idn	Feet from the 360	North/South Line North	Feet from the 1805	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

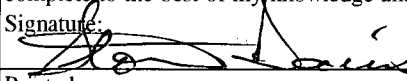
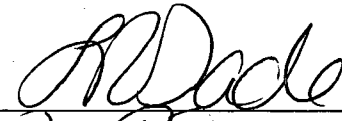

¹⁸ Transporter OGRID 35246	¹⁹ Transporter Name and Address Shell Trading US Company P.O. Box 4604 Houston, TX 77210-4604	²⁰ O/G/W O
	NM OIL CONSERVATION ARTESIA DISTRICT JUL 27 2015	
	RECEIVED	

IV. Well Completion Data

²¹ Spud Date 11/23/14	²² Ready Date 6/2/15	²³ TD 17420' 7945	²⁴ PBDT 17350'	²⁵ Perforations 8062-17300'	²⁶ DHC, MC
²⁷ Hole Size 17 1/2"	²⁸ Casing & Tubing Size 13 3/8"	²⁹ Depth Set 813'	³⁰ Sacks Cement 620		
12 1/4"	9 5/8"	3315'	1130		
8 3/4"	5 1/2"	17404'	3710 sx (TOC @ 2230')		
	2 7/8"	7397'			

V. Well Test Data

³¹ Date New Oil 6/9/15	³² Gas Delivery Date	³³ Test Date 6/10/15	³⁴ Test Length 24 Hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 5#
³⁷ Choke Size	³⁸ Oil 50	³⁹ Water 1122	⁴⁰ Gas 0		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: 		OIL CONSERVATION DIVISION	
Printed name: Stormi Davis		Approved by: 	
Title: Regulatory Analyst		Title: Dr. H. S. Peterson	
E-mail Address: sdavis@concho.com		Approval Date: 8-11-15	
Date: 7/23/15	Phone: 575-748-6946	Pending BLM approvals will subsequently be reviewed and scanned 	

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. NMNM120895
2. Name of Operator COG PRODUCTION LLC		6. If Indian, Allottee or Tribe Name
3a. Address 2208 W MAIN STREET 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. CABO WABO 25 FEDERAL COM 3H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 25 T25S R29E Mer NMP SWSE 540FSL 1650FEL		9. API Well No. 30-015-42507
		10. Field and Pool, or Exploratory WILLOW LAKE; BONE SPRING
		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.)

3/3/15 to 3/9/15 MIRU. Test backside to 1500# for 15 mins. Good test. Clean down to PBTD @ 17382'. Circulate clean.

3/10/15 to 6/2/15 Ran CBL. TOC @ 2230'. Set CBP @ 17350'. Test to 8550#. Good test. Perforate Bone Spring 8062-17300' (2196). Acdz w/188,003 gal 7 1/2% acid. Frac w/14,581,995# sand & 15,332,594 gal fluid.

6/5/15 Began flowing back & testing.

6/9/15 Date of 1st production.

6/23/15 to 6/30/15 Drilled out all CFP's and clean down to CBP @ 17350'.

NM OIL CONSERVATION

ARTESIA, DISTRICT

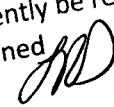
JUL 27 2015

RECEIVED

14. I hereby certify that the foregoing is true and correct. Electronic Submission #309970 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 07/23/2015

THIS SPACE FOR FEDERAL OR STATE OFFICIAL 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 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 ****

Additional data for EC transaction #309970 that would not fit on the form

32. Additional remarks, continued

7/2/15 Set 2 7/8" 6.5# J-55 tbg @ 7397'. Place well on pump.

NM OIL CONSERVATION

ARTESIA DISTRICT

JUL 27 2015

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

RECEIVED

5. Lease Serial No.
NMNM120895

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
CABO WABO 25 FEDERAL COM 3H

9. API Well No.
30-015-42507

10. Field and Pool, or Exploratory
WILLOW LAKE; BONE SPRING

11. Sec., T., R., M., or Block and Survey
or Area Sec 25 T25S R29E Mer NMP

12. County or Parish
EDDY

13. State
NM

17. Elevations (DF, KB, RT, GL)*
3068 GL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit analysis)

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 W MAIN ST
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)*
Sec 25 T25S R29E Mer NMP
At surface SWSE 540FSL 1650FEL
At top prod interval reported below
Sec 24 T25S R29E Mer NMP
At total depth NWNE 360FNL 1805FEL

14. Date Spudded
11/23/2014

15. Date T.D. Reached
12/26/2014

16. Date Completed
☐ D & A ☒ Ready to Prod.
06/02/2015

18. Total Depth: MD 17420
TVD 7945

19. Plug Back T.D.: MD 17350
TVD 7943

20. Depth Bridge Plug Set: MD 17350
TVD 7943

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CNL, LATEROLOG

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	813		620		0	
12.250	9.625 J55	36.0	0	3315		1130		0	
8.750	5.500 P110	17.0	0	17404		3710		2230	

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	7397							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8062	17300	8062 TO 17300	0.430	2196	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
8062 TO 17300	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
06/09/2015	06/10/2015	24	→	50.0	0.0	1122.0			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	
		5.0	→	50	0	1122		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
			→					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well St.
			→					

Pending BLM approvals will subsequently be reviewed and scanned *MD*

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

ELECTRONIC SUBMISSION #309996 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.)
NO MEASURABLE GAS

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
BELL CANYON	3388	4267		RUSTLER	756
CHERRY CANYON	4268	5534		TOS	1175
BRUSHY CANYON	5535	7130		BOS	3150
BONE SPRING LM	7131	8045		LAMAR	3357
1ST BONE SPRING	8046	8939		BELL CANYON	3388
2ND BONE SPRING	8940	9983		CHERRY CANYON	4268
3RD BONE SPRING	9984	10366		BRUSHY CANYON	5535
WOLFCAMP	10367	10500		BONE SPRING LM	7131

32. Additional remarks (include plugging procedure):

Amended to correct BHL. Please cancel previously submitted Form 3160-4.

Perfs 7 1/2% Sand(%) Fluid(Gal)
17300 17248 17197 1554 247120 242172
17147 17096 17045 3012 246124 267824
16994 16944 16893 3024 246067 268380
16842 16791 16743 3024 244531 264600
16690 16639 16588 2982 244951 268044

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 #309996 Verified by the BLM Well Information System.
For COG PRODUCTION LLC, sent to the Carlsbad

Name (please print) STORMI DAVIS

Title REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 07/23/2015

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 #309996 that would not fit on the form

32. Additional remarks, continued

16540 16487 16436 2982 247800 267468
16385 16339 16284 2970 246051 262629
16233 16182 16132 3024 243993 262962
16085 16030 15979 3024 246246 260148
15926 15878 15831 2982 246652 262416
15776 15726 15675 3192 250355 262878
15624 15573 15528 2982 246219 260737
15472 15421 15370 3024 246106 260022
15320 15269 15218 2982 246245 259728
15167 15117 15066 3012 248324 261040
15015 14960 14914 2940 246296 257923
14863 14812 14761 3108 246428 256116
14707 14660 14609 3012 246824 259086
14558 14508 14463 3024 250633 258594
14406 14355 14305 3276 245864 256662
14256 14203 14152 2940 245149 256620
14102 14051 14000 3066 246064 255570
13944 13899 13848 3024 246059 253512
13789 13746 13696 3024 246711 253008
13643 13594 13543 3108 247486 253848
13488 13442 13396 3150 247773 256746
13340 13290 13239 2604 246016 253848
13190 13137 13087 3066 246415 256242
13030 12985 12930 3696 246278 251496
12884 12833 12782 3108 250508 251748
12731 12683 12629 3024 246036 249364
12579 12528 12478 2940 248541 250572
12428 12374 12325 2982 250142 250278
12269 12224 12177 3024 248200 248472
12122 12072 12021 2982 247532 248640
11970 11923 11867 3024 245349 246372
11818 11767 11716 3024 246139 246246
11666 11615 11564 3024 247837 248304
11515 11462 11412 2940 244631 246330
11361 11310 11260 3066 247002 245742
11206 11158 11107 3024 246124 243768
11054 11009 10954 3570 248874 248178
10904 10854 10803 3024 246343 301182
10752 10697 10651 3192 2500 167412
10600 10549 10500 3024 246336 245532
10448 10397 10346 2940 246741 247464
10295 10245 10194 4986 248333 302010