District I 1825 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410

Phone:(505) 334-6178 Fax:(505) 334-6170 **District IV** 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

> Type Double Ram

> > 4/10/2014

Date:

State of New Mexico **Energy, Minerals and Natural Resources** Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Form C-101 August 1, 2011

Permit 184428

Manufacturer

Cameron

CO	me and Address G PRODUCTION	, LLC							2. OGR	RID Number 217955		
	W. Illinois Ave land, TX 79701								3. API	Number 30-025-41774		
4. Property Co			5. Property Name						6. Well		•	
405 405				loco State					o. Well	003H		
					7. Su	rface Location						
JL - Lot	Section	Township	Range	17175	Lot Idn	Feet From	N/S Line	Feet Fron	n	E/W Line	County	101
0	8	249	3	33E		190	S	1.1.162 - 339	1980	E	150.17	Lea
					8. Proposed	Bottom Hole Locat	tion					
JL - Lot	Section	Township	Range		Lot Idn	Feet From	N/S Line	Feet From	m	E/W Line	County	
В	8	248		33E	В	330	N		1980	E		Lea
					0 Po	ol Information						
						oi illioi illauoii						
TRIPLE X;BC	NE SPRING, WE	ST			5. FO	oriniorniauon				96674		
TRIPLE X;B(NE SPRING, WE	ST			-1.27/21/	al Well Information				96674		
		ST 12. Well Type	e	13. Cs	-1.27/21/		14. Lease Type		15. Ground L	96674 Level Elevation		
11. Work Type				13. Cs	Additiona		14. Lease Type State					
11. Work Type Nev 18. Multiple	la seconda de la constante de	12. Well Type Oli 17. Proposed	L Depth		Additiona able/Rotary	al Well Information				Level Elevation 592		
11. Work Type Nev	la seconda de la constante de	12. Well Type Oli 17. Proposed	L		Additiona able/Rotary	al Well Information	State		35	Level Elevation 592		
11. Work Type Nev 18. Multiple	w Well	12. Well Type Oli 17. Proposed	L Depth	18. Fc	Additiona able/Rotary	al Well Information	State		35 20. Spud Da	Level Elevation 592		
11. Work Type Nev 16. Multiple N Depth to Grour	w Well	12. Well Type Oll 17. Proposed 14	L Depth 1154	18. Fc	Additiona able/Rotary ormation Bone Sprin	al Well Information	State		35 20. Spud Da	Level Elevation 592 te		
11. Work Type Nev 18. Multiple N Depth to Grour	w Well	12. Well Type Oll 17. Proposed 14	L Depth 1154	18. Fo	Additional able/Rotary ormation Bone Sprin oe from nearest fi	al Well Information	State 19. Contractor		35 20. Spud Da	Level Elevation 592 te		
11. Work Type Net 16. Multiple N Depth to Groun	w Well and water using a closed-lo	12. Well Type Oll 17. Proposed 14 pop system in lie	Depth 1154 eu of lined pits	18. Fo	Additional able/Rotary ormation Bone Spring to the from nearest for the proposed Case Additional able to the proposed Case	al Well Information ag resh water well sing and Cement P	State 19. Contractor	:	35 20. Spud Da Distance to n	Level Elevation 592 te nearest surface water		
11. Work Type Nev 16. Multiple N Depth to Groun	w Well Individual water using a closed-lo Hole Size	12. Well Type Oll 17. Proposed 14 pop system in lie Casing	Depth 154 eu of lined pits	18. Fo	Additional able/Rotary ormation Bone Sprin toe from nearest for the proposed Cases and Weight/ft	ng resh water well sing and Cement P	State 19. Contractor Program Depth	Sadis	3(20. Spud Da Distance to n	Level Elevation 592 te nearest surface water	Estimated ¹	гос
11. Work Type Net 16. Multiple N Depth to Groun	w Well and water using a closed-lo	12. Well Type Oll 17. Proposed 14 pop system in lie	IL I Depth 1154 Eu of lined pits Size 1775	18. Fo	Additional able/Rotary ormation Bone Spring to the from nearest for the proposed Case Additional able to the proposed Case	al Well Information ag resh water well sing and Cement P	State 19. Contractor Program Depth 25	Saoks	35 20. Spud Da Distance to n	Level Elevation 592 te nearest surface water		гос

Casing/Cement Program: Additional Comments

Plan to drill a 17-1/2" hole to 1,225' with Fresh Water. Run 13-3/8", 54.5#, J-55 csg and cmt to surface. Drill 12-1/4" hole to 5,000' with Brine, and run 9-5/8", 40#, J-55/N80 and cement to surface. Drill 8-3/4" curve and lateral with cut brine to approx 14,154' MD. Run 5-1/2", 17#, P-110 csg and cement to 4,800'

> 22. Proposed Blowout Prevention Program Working Pressure

3000

Phone: 432-685-4372

Test Pressure

3000

Conditions of Approval Attached

knowledge and	I have complied with 19.15.14.9 (A) NMAC		OIL CONSERVATIO	ON DIVISION
Printed Name:	Electronically filed by DIANE KUYKENDALL	Approved By:	Paul Kautz	
Title:	Production Reporting Manager	Title:	Geologist	
Email Address:	dkuykendall@concho.com	Approved Date:	4/11/2014	Expiration Date: 4/11/2016

District I

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811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 **District III**

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 District IV

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Form C-102 August 1, 2011

Permit 184428

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-41774	2. Pool Code 96674	3. Pool Name TRIPLE X:BONE SPRING, WEST
4. Property Code	5. Property Name	6. Well No.
40500	Loco Moco State	003H
7. OGRID No. 217955	8. Operator Name COG PRODUCTION, LLC	9. Elevation 3592

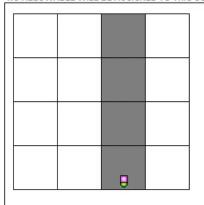
10. Surface Location

				101041	Idoo Looddon				
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
0	8	248	33E		190	S	1980	E	Lea

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
В	8	248	33E	200000000000000000000000000000000000000	330	N	1980	E	Lea
12. Dedicated A 160.0			13. Joint or Infill	do.	14. Consolidation Code		15. Order No.		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

E-Signed By: DIANE KUYKENDALL

Title: Production Reporting Manager

Date: 4/10/2014

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Surveyed By: Chad Harcrow
Date of Survey: 10/4/2013
Certificate Number: 17777

Form APD Comments

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-8161 Fax:(575) 393-0720 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

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State of New Mexico **Energy, Minerals and Natural Resources** Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Permit 184428

PERMIT COMMENTS

Operator Name and Address:	API Number:
COG PRODUCTION, LLC [217955]	30-025-41774
600 W. Illinois Ave	Well:
Midland, TX 79701	Loco Moco State #003H

Created By	Comment	Comment Date
300000000000000000000000000000000000000	OIL: COG Operating has conducted a review to determine if an H2S contingency plan is required for the above referenced well. We were able to conclude that any potential hazardous volume would be minimal. H2S concentrations of wells in this area from surface to TD are low enough; therefore we do not believe that an H2S Contingency Plan would be necessary.	4/10/2014

Form APD Conditions

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-8161 Fax:(575) 393-0720 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

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State of New Mexico **Energy, Minerals and Natural Resources** Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Permit 184428

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:	API Number:
COG PRODUCTION, LLC [217955]	30-025-41774
600 W. Illinois Ave	Well:
Midland, TX 79701	Loco Moco State #003H

OCD Reviewer	Condition
DMULL	Will require a directional survey with the C-104
DMULL	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
DMULL	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
pkautz	1) SURFACE & INTERNEMIATE CASING - Cement must circulate to surface 2) PRODUCTION CASING - Cement must tie back into intermediate casing
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water