

**District I**  
1625 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

**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 148415

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

1. Operator Name and Address COG PRODUCTION, LLC 550 W. Texas Avenue, Suite 100 Midland, TX 79701		2. OGRID Number 217955
		3. API Number 30-025-40571
4. Property Code 39209	5. Property Name EATA FAJITA STATE	6. Well No. 003H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	8	24S	33E	L	1870	S	330	W	LEA

**8. Pool Information**

TRIPLE X;BONE SPRING, WEST	96674
----------------------------	-------

**Additional Well Information**

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3595
14. Multiple N	15. Proposed Depth 15410	16. Formation 2nd Bone Spring Sand	17. Contractor	18. Spud Date 5/16/2012
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

**19. Proposed Casing and Cement Program**

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	1250	800	
Int1	12.25	9.625	36	4800	950	
Prod	7.875	5.5	17	15410	2000	4600

**Casing/Cement Program: Additional Comments**

Plan to drill a 17-1/2" hole to 1250' with Fresh Water. Run 13-3/8", 54.5#, J-55 csg and cmt to surface. Drill 12-1/4" hole to 4800' with Brine, and run 9-5/8", 36#/40#, J55 and cement to surface. Drill 7-7/8" pilot hole to 12,500' to run OH logs. Plug back, kick off and drill 7-7/8" curve and lateral with cut brine to approx 15,410' MD. Run 5-1/2", 17#, P-110 csg and cement to 4600' in 1 stage.

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	Cameron

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> . Printed Name: Electronically filed by DIANE KUYKENDALL Title: Production Reporting Manager Email Address: dkuykendall@concho.com Date: 5/9/2012      Phone: 432-685-4372	<b>OIL CONSERVATION DIVISION</b>	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 5/11/2012	Expiration Date: 5/11/2014
	Conditions of Approval Attached	

**District I**  
1625 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

**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 148415

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-40571	2. Pool Code 96674	3. Pool Name TRIPLE X;BONE SPRING, WEST
4. Property Code 39209	5. Property Name EATA FAJITA STATE	6. Well No. 003H
7. OGRID No. 217955	8. Operator Name COG PRODUCTION, LLC	9. Elevation 3595

**10. Surface Location**

UL - Lot L	Section 8	Township 24S	Range 33E	Lot Idn	Feet From 1870	N/S Line S	Feet From 330	E/W Line W	County LEA
---------------	--------------	-----------------	--------------	---------	-------------------	---------------	------------------	---------------	---------------

**11. Bottom Hole Location If Different From Surface**

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
I	8	24S	33E	I	1870	S	330	E	LEA
12. Dedicated Acres 160.00		13. Joint or Infill		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**

	<p align="center"><b>OPERATOR CERTIFICATION</b></p> <p><i>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.</i></p> <p>E-Signed By: DIANE KUYKENDALL Title: Production Reporting Manager Date: 5/9/2012</p>		
	<p align="center"><b>SURVEYOR CERTIFICATION</b></p> <p><i>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.</i></p> <p>Surveyed By: Ronald Eidson Date of Survey: 3/2/2012 Certificate Number: 12641</p>		

## Permit Comments

**Operator:** COG PRODUCTION, LLC , 217955

**Well:** EATA FAJITA STATE #003H

**API:** 30-025-40571

Created By	Comment	Comment Date
matyereyes	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.	5/9/2012
pkautz	Land s/S	5/9/2012
CHERRERA	OCD RECEIVED FORM C144 CLEZ. OCD PERMIT #P1-04583	5/11/2012



# Permit Conditions of Approval

**Operator:** COG PRODUCTION, LLC , 217955

**Well:** EATA FAJITA STATE #003H

**API:** 30-025-40571

OCD Reviewer	Condition
pkautz	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