

**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 Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

**HOBBS OGD**

NOV 20 2014

**RECEIVED**

State of New Mexico

Energy Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-101  
Revised July 18, 2013

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

<sup>1</sup> Operator Name and Address COG Production LLC 2208 West Main Street Artesia, NM 88210		<sup>2</sup> OGRID Number 217955
<sup>3</sup> Property Code 40500-39209		<sup>4</sup> API Number 30-025-42275
<sup>5</sup> Property Name Eata Fajita State		<sup>6</sup> Well No 10H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
P	8	24S	33E		200	South	950	East	Lea

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
A	5	24S	33E		330	North	380	East	Lea

**9. Pool Information**

Pool Name	Pool Code
Triple X: Bone Spring, West	96674

**Additional Well Information**

<sup>11</sup> Work Type New Well	<sup>12</sup> Well Type Oil	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type State	<sup>15</sup> Ground Level Elevation 3604.3'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 19412	<sup>18</sup> Formation Bone Spring	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 12/02/2014
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/lb	Setting Depth	Sacks of Cement	Estimated TOC
Surface	17.5	13.375	54.5	1250'	800	
Intrmd	12.25	9.625	36/40	4900'	950	
Prod	7.875	5.5	17	19412'	3500	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 4900' with Brine, and run 9-5/8", 36#/40#, J55 and cement to surface. Drill 8-3/4" to 9100' to kick off and drill curve and lateral with cut brine to approx 19,412' MD. Run 5-1/2" 17# BTC P-110 csg and cement to 4600' in 1 stage.

**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	Cameron

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

I further certify that I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable

Signature: *Mayte Reyes*

Printed name: Mayte Reyes

Title: Regulatory Analyst

E-mail Address: mreyes1@concho.com

Date: 11/19/2014

Phone: 575-748-6945

**OIL CONSERVATION DIVISION**

Approved By:

Title: Petroleum Engineer

Approved Date: 11/20/14

Expiration Date: 11/20/16

Conditions of Approval Attached

E-PERMITTING -- New Well ☒ P.M.

Comp \_\_\_\_\_ P&A \_\_\_\_\_ TA \_\_\_\_\_

CSNG \_\_\_\_\_ Loc Chng \_\_\_\_\_

ReComp \_\_\_\_\_ Add New Well \_\_\_\_\_

Cancl Well \_\_\_\_\_ Create Pool \_\_\_\_\_

**See Attached**

**Conditions of Approval**

NOV 24 2014

## **Eata Fajita State 10H**

	Hole					
	Size	Casing	Wt	Depth	Cmt	TOC
Surface	17.5	13.375	54.5	1250'	800	0
Intrmd	12.25	9.625	36/40	4900'	950	0
Prod	7.875	5.5	17	19412'	3500	4600'

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 4900' with Brine, and run 9-5/8", 36#/40#, J55 and cement to surface. Drill 8-3/4" to 9100' to kick off and drill curve and lateral with cut brine to approx 19,412' MD. Run 5-1/2" 17# BTC P-110 csg and cement to 4600' in 1 stage.

## **Well Control**

Type	Pressure	Test	Manufacture
Double Ram	3000	3000	Cameron

# CONDITIONS OF APPROVAL

<b>API #</b>	<b>Operator</b>	<b>Well name &amp; Number</b>
30-025-42275	COG Operating LLC	Eata Fajita State #10H

Applicable conditions of approval marked with XXXXXX

## Administrative Orders Required

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Other wells

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Drilling

XXXXXXX	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

Casing

XXXXXXX	SURFACE & INTERNEMIATE(1) CASING - Cement must circulate to surface --
XXXXXXX	PRODUCTION CASING - Cement must tie back into intermediate casing --
XXXXXXX	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
	South Area
XXXXXXX	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water