

**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

**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 November 14, 2012

☐ AMENDED REPORT

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

<b>Operator Name and Address</b> COG Operating LLC 2208 West Main Street Artesia, NM 88210		<b>OGRID Number</b> 229137 <b>APL Number</b> 70-025-43856
<b>Property Code</b> 40030	<b>Property Name</b> Becknell State Com	<b>Well No</b> 4H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
L	5	21S	33E		2440	South	330	West	Lea

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
E	17	21S	33E		2440	North	330	West	Lea

**9. Pool Information**

<b>Wildcat; Bone Spring</b>	<b>Pool Code</b> 97895
-----------------------------	---------------------------

**Additional Well Information**

<b>11 Work Type</b> New Well	<b>12 Well Type</b> Oil	<b>13 Cable Rotary</b>	<b>14 Lease Type</b> State	<b>15 Ground Level Elevation</b> 3790.6'
<b>16 Multiple</b> N	<b>17 Proposed Depth</b> 21504	<b>18 Formation</b> Bone Spring	<b>19 Contractor</b>	<b>20 Spud Date</b> 6/15/2017
<b>Depth to Ground water</b>		<b>Distance from nearest fresh water well</b>		<b>Distance to nearest surface water</b>

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	17.5	13.375	54.5	1700	1220	0
Intemd	12.25	9.625	40	5650	2000	0
Production	8.75	5.5	17	21504	3800	0

**Casing/Cement Program: Additional Comments**

Drill 17-1/2" hole to ~1,700' w/ fresh water spud mud. Run 13-3/8" 54.5# J-55 BTC casing to TD and cement to surface in one stage. Drill 12-1/4" hole to ~5,650' with saturated brine. Run 9-5/8 40# J-55 BTC to 3500' and 9-5/8 40# L-80 BTC casing from 3500' to TD and cement to surface in two stages with DV/ECP 100' above reef. Drill 8-3/4" vertical hole, curve & lateral to 21,504' with cut brine. Run 5-1/2" 17# HCP110 BTC casing from TD to surface and cement to surface in one stage.

**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	Cameron

23. 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: 6/6/2017

Phone: 575-748-6945

**OIL CONSERVATION DIVISION**

Approved By:

Title:

**Petroleum Engineer**

Approved Date: 06/14/17

Expiration Date: 06/14/19

Conditions of Approval Attached