

**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**  
1320 S. St Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax (505) 476-3462

State of New Mexico

Form C-101  
Revised November 14, 2012

Energy Minerals and Natural Resources

Oil Conservation Division

AMENDED REPORT

1220 South St. Francis Dr.

Santa Fe, NM 87505

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

Operator Name and Address COG Operating LLC 2208 West Main Street Artesia, NM 88210		OGRID Number 229137
Property Code 4-0030		Property Name Becknell State Com
APL Number 70-025-43856		Well No 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

Wildcat; Bone Spring	Pool Name WC-025 208 5213304D; BONE SPRING	Pool Code 97895
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Additional Well Information

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

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
Intrmd	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:

*Blair*  
Petroleum Engineer

Approved Date: 06/14/17

Expiration Date: 06/14/19

Conditions of Approval Attached