

**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

Form C-101  
Revised July 18, 2013

Energy Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

**OCD - HOBBS**  
**09/26/2018**  
**RECEIVED**

**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 <b>322447</b>		API Number <b>30-025-45233</b>
Property Name Huckleberry State Com		Well No 503H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
B	27	21S	33E		145	North	2620	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
B	15	21S	33E		200	North	2310	East	Lea

**9. Pool Information**

Pool Name	Pool Code
Wildcat; Bone Spring <b>WC-025 G-08 S213304D; BONE SPRING</b>	<b>97895</b>

**Additional Well Information**

11 Work Type	12 Well Type	13 Cable/Rotary	14 Lease Type	15 Ground Level Elevation
New Well	Oil		State	3743.9'
16 Multiple	17 Proposed Depth	18 Formation	19 Contractor	20 Spud Date
N	20606'	Bone Spring		10/01/2018
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/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	17.5	13.375	54.5	1850'	1220	0'
Intemd	12.25	9.625	40	5400'	2000	0'
Production	8.75	5.5	17	20606'	3300	0'

**Casing/Cement Program: Additional Comments**

Drill 17-1/2" hole to ~1,850' 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 ~5,400' 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 20,606' 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: mreyesl@concho.com

Date: 9/26/2018

Phone: 575-748-6945

**OIL CONSERVATION DIVISION**

Approved By:

*[Signature]*

Title:

Approved Date: **09/27/2018**

Expiration Date: **09/27/2020**

Conditions of Approval Attached

**GCP Rec 09/26/2018**