

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 July 18, 2013

HOBBS OCD

AUG 03 2018

RECEIVED

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

1. Operator Name and Address COG Operating LLC 2208 West Main Street Artesia, NM 88210		2. OGRID Number 229137
3. Property Code 317522		4. Property Name Coonskin Fee
5. APL Number 30-025-43046		6. Well No 28H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
D	28	24S	35E		50	North	580	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	33	24S	35E		2440	North	330	West	Lea

9. Pool Information

Pool Name	Pool Code
WC-025 G-09 S243532M; Wolfbone	98098

Additional Well Information

11 Work Type New Well	12 Well Type Oil	13 Cable Rotary	14 Lease Type Fee	15 Ground Level Elevation 3307.0'
16 Multiple N	17 Proposed Depth 19127'	18 Formation Wolfcamp	19 Contractor	20 Spud Date 8/16/2018
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	13.5	10.75	45.5	850'	500	0'
Intemd	9.875	7.625	29.7	11750'	1400	0'
Production	6.75	5.5	23	0' - 11250'		
Production	6.75	5	18	11250' - 19927'	1200	11000'

Casing/Cement Program: Additional Comments

Drill 13-1/2" hole to ~850' w/ fresh water spud mud. Run 10-3/4" 45.5# HCN80 BTC casing to TD and cement to surface in one stage. Drill 9-7/8" hole to ~11,750' with brine diesel emulsion WBM. Run 7-5/8" 29.7# HCP110 BTC casing to TD and cement to surface in one stage. Drill 6-3/4" vertical hole, curve & lateral to 19,927' with OBM. Run 5-1/2" 23# P110 BTC casing from 0' - 11,250' and 5" 18# HCP110 BTC from 11,250' to TD and cement to 11,000' in one stage.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	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: 8/3/2018

Phone: 575-748-6945

OIL CONSERVATION DIVISION

Approved By:

Title:

Petroleum Engineer

Approved Date: *08/08/18*

Expiration Date: *08/08/20*

Conditions of Approval Attached