

District I
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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, Artesia, 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

HOBBS OCD
AUG 03 2018
RECEIVED

Form C-101
Revised July 18, 2013

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. API Number 70-027-15057
4. Property Code 317522	5. Property Name Coonskin Fee	6. Well No 702H

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	640	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	980	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 3306.7'
16. Multiple N	17. Proposed Depth 19960'	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' - 19960'	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 19,960' 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: 08/05/18

Expiration Date: 05/05/20

Conditions of Approval Attached