

**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**

<sup>1</sup> Operator Name and Address <b>COG Operating LLC</b> <b>2208 West Main Street</b> <b>Artesia, NM 88210</b>		<sup>2</sup> OGRID Number <b>229137</b>
<sup>3</sup> Property Code <b>317522</b>		<sup>4</sup> Property Name <b>Coonskin Fee</b>
		<sup>5</sup> API Number <b>30-025-84052</b>
		<sup>6</sup> Well No <b>701H</b>

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
C	28	24S	35E		30	North	1450	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
F	33	24S	35E		2440	North	1450	West	Lea

**9. Pool Information**

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

**Additional Well Information**

<sup>11</sup> Work Type New Well	<sup>12</sup> Well Type Oil	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type Fee	<sup>15</sup> Ground Level Elevation 3315.9'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 19862'	<sup>18</sup> Formation Wolfcamp	<sup>19</sup> Contractor	<sup>20</sup> 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/lb	Setting Depth	Sacks of Cement	Estimated TOC
Surface	13.5	10.75	45.5	850'	500	0'
Intemd	9.875	7.625	29.7	11650'	1400	0'
Production	6.75	5.5	23	0' - 11150'		
Production	6.75	5	18	11150' - 19862'	1200	11150'

**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 ~11,650' 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 19,862' with OBM. Run 5-1/2" 23# P110 BTC casing from 0' - 11,150' and 5" 18# HCP110 BTC from 11,150' to TD and cement to 11,150' in one stage.

**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	Cameron

<sup>23</sup> 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: 8/2/2018

Phone: 575-748-6945

**OIL CONSERVATION DIVISION**

Approved By:

Title:

Approved Date:

Expiration Date:

Conditions of Approval Attached