

**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**

**HOBBS OCD**  
**JUL 15 2013**  
**RECEIVED**

Form C-101  
Revised November 14, 2012

☐ AMENDED REPORT

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

<sup>1</sup> Operator Name and Address COG Operating LLC 2208 West Main Street Artesia, NM 88210		<sup>2</sup> OGRID Number 229137 <sup>3</sup> API Number <b>30-025-41298</b>
<sup>4</sup> Property Code <b>40030</b>	<sup>5</sup> Property Name Becknell State Com	<sup>6</sup> Well No 1H

**<sup>7</sup> Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
I	5	21S	33E		2450	South	660	East	Lea

**<sup>8</sup> Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
H	17	21S	33E		2310	North	660	East	Lea

**<sup>9</sup> Pool Information**

<sup>10</sup> Well Name WC-025 G-08 S2133D40; Bone Spring	<sup>11</sup> Pool Code 97895
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**Additional Well Information**

<sup>12</sup> Work Type New Well	<sup>13</sup> Well Type Oil	<sup>14</sup> Cable/Rotary	<sup>15</sup> Lease Type State	<sup>16</sup> Ground Level Elevation 3767.1
<sup>17</sup> Multiple N	<sup>18</sup> Proposed Depth 21335	<sup>19</sup> Formation Bone Spring	<sup>20</sup> Contractor	<sup>21</sup> Spud Date 7/23/2013
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

**<sup>22</sup> 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	1750	1350	
Intmrd	12.25	9.625	40	5625	1950	
Production	7.875	5.5	17	21335	4100	5100

**Casing/Cement Program: Additional Comments**

Plan to drill a 17-1/2" hole to 1750' with Fresh Water. Run 13-3/8", 54.5#, J-55, STC csg and cmt to surface. Drill 12-1/4" hole to 5625' with Brine, and run 9-5/8", 40#, J-55/N-80 and cement to surface in 2 stages. Drill 7-7/8" vertical, curve and lateral to 21,335' MD and run 5-1/2", 17#, P-110 csg and cement to 5100'.

**<sup>23</sup> Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	Cameron

<sup>24</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: 7/15/2013

Phone: 575-748-6945

**OIL CONSERVATION DIVISION**

Approved By:

Title: *Petroleum Engineer*

Approved Date: *7/31/13* Expiration Date: *7/31/15*

Conditions of Approval Attached

**OPERATOR WILL BE USING A CLOSED-LOOP SYSTEM**

**AUG 01 2013**

## Becknell State Com 1H

	Hole Size	Casing	Wt	Depth	Cmt	TOC
Surface	17.5	13.375	54.5	1750'	1350	0
Intrmd	12.25	9.625	40	5625'	1950	0
Prod	7.875	5.5	17	21,335'	4100	5100

Plan to drill a 17-1/2" hole to 1750' with Fresh Water. Run 13-3/8", 54.5#, J-55, STC csg and cmt to surface. Drill 12-1/4" hole to 5625' with Brine, and run 9-5/8", 40#, J-55/N-80 and cement to surface in 2 stages. Drill 7-7/8" vertical, curve and lateral to 21,335' MD and run 5-1/2", 17#, P-110 csg and cement to 5100'.

## Well Control

Type	Pressure	Test	Manufacture
Double Ram	3000	3000	Cameron