

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 **HOBBS OCD**

Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

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

7. 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

8. 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

9. Pool Information

⁷ Well Name WC-025 G-08 S2133D4D; Bone Spring	⁸ Pool No 97895
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Additional Well Information

¹¹ Work Type New Well	¹² Well Type Oil	¹³ Cable/Rotary	¹⁴ Lease Type State	¹⁵ Ground Level Elevation 3767.1
¹⁶ Multiple N	¹⁷ Proposed Depth 21335	¹⁸ Formation Bone Spring	¹⁹ Contractor	²⁰ Spud Date 7/23/2013
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

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	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'.

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 <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable. Signature: <i>Mayte Reyes</i> Printed name: Mayte Reyes Title: Regulatory Analyst E-mail Address: mreyes1@concho.com Date: 7/15/2013	OIL CONSERVATION DIVISION
	Approved By: <i>[Signature]</i>
	Title: Petroleum Engineer
	Approved Date: 7/31/13 Expiration Date: 7/31/15
	Conditions of Approval Attached

Per MA OPERATOR WILL BE USING A CLOSED-LOOP SYSTEM

AUG 01 2013 *PM*

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