

**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) 334-6173

**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87563  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Form C-101  
Revised November 14, 2012

**HOBBES OGD** Energy Minerals and Natural Resources  
Oil Conservation Division  
NOV 18 2013 1220 South St. Francis Dr.  
Santa Fe, NM 87505

AMENDED REPORT

RECEIVED

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

Operator Name and Address COG Operating LLC 2208 West Main Street Artesia, NM 88210		OGRID Number 229137
Property Code 40202		API Number 30-025-41525
Property Name North Lusk 32 State SWD		Well No 1

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
K	32	18S	32E		1550'	South	1800'	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

9. Pool Information

SWD: Devonian • <i>Fus-Alon-Simp-E12</i>	Pool Name	Depth Code 97972 96101
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Additional Well Information

11 Work Type New Well	12 Well Type SWD	13 Cable/Rotary	14 Lease Type State	15 Ground Level Elevation 3685.4'
16 Multiple N	17 Proposed Depth 15,250'	18 Formation Devonian	19 Contractor	20 Spud Date 12/1/2013
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	1100'	1550	0
Intemd	12.25	9.625	40	2950'	1850	0
Production	8.75	7	29	13800'	2600	2450'
Disposal	6.125	OH		15250'		

Casing/Cement Program: Additional Comments

Plan to drill a 17-1/2" hole to 1100' with Fresh Water. Run 13-3/8", 54.5#, J-55 and cement to surface. Drill 12-1/4" hole to approximately 2950' with brine, and run 9-5/8", 40#, J-55/ N80 csg and cement to surface. Drill 8-3/4" hole to approximately 13,800' with cut brine, run 7", 29#, N80 and cement back to 2450'. Drill 6-1/8" hole to approximately 15,250' with cut brine, and leave it open hole for salt water disposal purposes.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	Cameron

<p>21. 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></p> <p>Printed name: Mayte Reyes</p> <p>Title: Regulatory Analyst</p> <p>E-mail Address: mreyes1@concho.com</p> <p>Date: 11/18/2013 Phone: 575-748-6945</p>	OIL CONSERVATION DIVISION	
	Approved By: <i>[Signature]</i>	
	Title: Petroleum Engineer	
	Approved Date: 11/28/13	Expiration Date: 11/27/15
	Conditions of Approval Attached	

SWD-1394

DEC 02 2013

dm