

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 Hrazos 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 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 70-025-42461	
⁴ Property Code 39613	⁵ Property Name Wild Cobra 1 State SWD		⁶ Well No 2

7. Surface Location									
UL - Lot 3	Section 1	Township 19S	Range 34E	Lot Idn	Feet from 660	N/S Line North	Feet From 1650	E/W Line West	County 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	
¹⁰ Pool Name SWD-1525 SWD; Description DEV - FUS - MON - SIMP - ELL	¹¹ Pool Code 97715

Additional Well Information				
¹² Work Type New Well	¹³ Well Type SWD	¹⁴ Cable/Rotary 	¹⁵ Lease Type State	¹⁶ Ground Level Elevation 3963.5'
¹⁷ Multiple N	¹⁸ Proposed Depth 16100'	¹⁹ Formation Devonian	²⁰ Contractor 	²¹ Spud Date 3/10/2015
²² Depth to Ground water		²³ Distance from nearest fresh water well		²⁴ 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	1900	1000	0
Intmnd	12.25	9.625	36	3700	1000	0
Production	8.75	7	29	14650	1000	3500
Disposal	8.6.125	OH	-	16100	-	-

Casing/Cement Program: Additional Comments
Plan to drill 17-1/2" hole to 1900' with fresh water, and run 13-3/8", 54.5#, J-55 and cement to surface. Drill 12-1/4" hole to approximately 3700' with brine, and run 9-5/8", 40#, J-55 csg and cement to surface. Drill 8-3/4" hole to approximately 14,650' with cut brine, run 7", 29#, HCL-80 and cement back to 3500'. Drill 6-1/8" hole to approximately 16,100' 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

²⁵ 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: mrcyrs1@concho.com Date: 3/2/2015		OIL CONSERVATION DIVISION Approved By: <i>[Signature]</i> Title: Petroleum Engineer Approved Date: 03/02/15 Expiration Date: 03/02/17 Conditions of Approval Attached: See Attached	
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Conditions of Approval

MAR 03 2015

CONDITIONS OF APPROVAL

API #	Operator	Well name & Number
30-025-42461	COG Operating LLC	WILD COBRA 1 STATE SWD # 2

Applicable conditions of approval marked with XXXXXX

Administrative Orders Required

SWD-1525	

Other wells

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Drilling

XXXXXXX	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string

Casing

XXXXXXX	SURFACE & INTERMEDIATE(1) CASING - Cement must circulate to surface --
XXXXXXX	PRODUCTION CASING - Cement must circulate to surface --
XXXXXXX	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
	South Area
XXXXXXX	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water

Pits

XXXXXXX	If using a pit for drilling and completions, must have an approved pit form prior to spudding the well

Completion & Production

XXXXXXX	Must notify Hobbs OCD office prior to conducting MIT (575) 393-6161 ext. 114
XXXXXXX	Must conduct & pass MIT prior to any injection