

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
111 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) 476-3463 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

HOBBSOCD

☐ AMENDED REPORT

MAR 04 2015

RECEIVED

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. Property Code 314225	4. Property Name Macho Nacho 7 State SWD	5. APT Number 30-025-42463
		6. Well No

7. Surface Location									
UL - Lot F	Section 7	Township 24S	Range 33E	Lot Idn	Feet from 2000	N/S Line North	Feet From 2200	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	
Pool Name SWD; BEEL CANYON - CHERRY CANYON	Pool Code 95802

Additional Well Information				
11. Work Type New Well	12. Well Type SWD	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3596.8'
16. Multiple N	17. Proposed Depth 7400	18. Formation Delaware	19. Contractor	20. Spud Date 3/07/2015
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	1170	800	0
Intemd	12.25	9.625	40	5300	1250	0
Open Hole	8.75	-	-	7400	-	-

Casing/Cement Program: Additional Comments
Plan to drill a 17-1/2" hole to 1250' with Fresh Water. Run 13-3/8", 54.5#, J-55 csg and cmt to surface. Drill 12-1/4" hole to 5400' with Brine, and run 9-5/8", 40#, J55/N80 and cement to surface in 1 stage. Drill 8-3/4" hole to 7400' with cut-brine and leave open for a Delaware Sand salt water disposal.

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>		OIL CONSERVATION DIVISION	
Printed name: Mayte Reyes		Approved By: <i>[Signature]</i>	
Title: Regulatory Analyst		Title: Petroleum Engineer	
E-mail Address: mreyes1@concho.com		Approved Date: 03/04/15 Expiration Date: 03/04/17	
Date: 3/4/2015		Phone: 575-748-6945	
Conditions of Approval Attached			

See Attached **MAR 04 2015**
Conditions of Approval

Macho Nacho 7 State SWD 1

	Hole					
	Size	Casing	Wt	Depth	Cmt	TOC
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Intrmd	12.25	9.625	40	5300'	1250	0
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Well Control

Type	Pressure	Test	Manufacture
Double Ram	3000	3000	Cameron

CONDITIONS OF APPROVAL

API #	Operator	Well name & Number
30-025-42463	COG Operating LLC	MACHO NACHO 7 STATE SWD # 1

Applicable conditions of approval marked with XXXXXX

Administrative Orders Required

SWD-1523	

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 & 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