District 1

1625 N. French Dr., Hobbs, NAt 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

top of liner.

Date: 10/10/2014

Type

District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Form C+101 Revised July 18, 2013

Energy Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505



				UGBACK, OR ADD A ZONE OGRID Number								
COG Operating LLC 2208 West Main Street Artesia, NM 88210									229137 * API Number			
			Attesia, ivivi	00410					30-025-421			
* Property Code 313787					Property N Skull Cap S		^{6.} Well No 4H					
		7-1			^{7.} Surface Lo	cation						
UL – Lot	Lot Section Township Range		Range	Lot Ide	Feet fro	om N/S Line		Feet From	E/W Line	County		
М	32	24S	35E		190		South	380	West	Lea		
			* Proposed Bo	ttom Hol	le Location							
UL - Lot	Section	Township	Range	Lot kin	i Feet fre	om N/	/S Line	Fect From	E/W Line	County		
D	32	248	35E		330		Vorth	380	West	اشا		
					9. Pool Inform	nation						
Pool Name WC-025 G-06 S253206M; Bone Spring										Pool Code 97899		
				Addi	tional Well I							
¹⁾ Work Type New Well			Oil		13 Cable/R			Lease Type State	¹¹ Gn	11 Ground Level Elevation 3297.31		
¹⁶ Multiple N			17049 Bo		18 Formal Bone S	Spring		FF Contractor		⁵¹ Spud Date 10/18/2014		
Depth to Ground water			Distance from nearest fresh water well					Distance	to nearest surface	water		
We will be	using a clos	ed-loop sys	tem in lieu of lined 21.		l Cosing and	Cement Pr	ogram					
Турс	Hole	: Size	Casing Size	Casin	g Weight/ft	Setting Depth		Sacks of	Cement	Estimated TOC		
Surface	1.	7.5	5 13.375 5		54.5	1000'		770	0			
Intrind	md 12.25		9.625	40		5430'		1835				
Intrind/Prod	md/Prod 8.75 7		29		127	12769'		0				
Liner 6.125		125	4.5	4.5 13.5		11800' – 17049'		450)	11800		
			Casin	g/Cemen	t Program: A	dditional C	Comment	S				

Double Ram	5000		500	Ю		Cameron	
23. I hereby certify that the information given about of my knowledge and belief.	OIL CONSERVATION DIVISION						
I further certify that I have complied with 19. 19.15.14.9 (B) NMAC if applicable Signature:	.15.14.9 (A) NMAC ⊠ and/or	Approve	d By:	A.		ud .	
Printed name: Mayte Reyes		Title:	Petrole	um Eng	ginee		
Title: Regulatory Analyst		Approve	d Date: 10	131/	14	Expiration Date: 10/10/16	
E-mail Address: mreyes1@concho.com				1,77	7		

Test Pressure

Conditions of Approval Attached

Drill 8-3/4" vertical hole and curve to 12769' with cut brine. Run 7" 29# HCP110 BTC casing to TD and cement in two stages with DV tool @ - 5600' circulating cement on both stages. Drill 6-1/8" lateral to 17049' with cut brine / brine. Run 4-1/2" 13.5# HCP110 Tenaris TXP BTC liner to TD and cement in one stage circulating cement to

22 Proposed Blowout Prevention Program

Working Pressure

Phone: 575-748-6945

Manufacturer