

Submit within 45 days of well completion	<b>State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505</b>	Revised February 15, 2012				
		1. WELL API NO: 30-025-40773				
<b>HYDRAULIC FRACTURING FLUID DISCLOSURE</b>  <input checked="" type="checkbox"/> Original  <input type="checkbox"/> Amendment		2. Well Name: PATTERSON B 52 FEDERAL COM #002H				
		3. Well Number: 002H				
		4. Surface Hole Location: Unit:A Lot:A Section:5 Township:19S Range:32E Feet from:330 N/S Line:N Feet from:330 E/W Line:E				
		5. Bottom Hole Location: Unit:D Lot:D Section:5 Township:19S Range:32E Feet from:410 N/S Line:N Feet from:336 E/W Line:W				
		6. Latitude: 32.6958348304897			Longitude: - 103.780955524088	
		7. County: Lea				
8. Operator Name and Address: COG OPERATING LLC One Concho Center 600 W. Illinois Ave Midland 79701			9. OGRID: 229137		10. Phone Number: 432-685-4332	
11. Last Fracture Date: 12/11/2012 Frac Performed by: Baker Hughes			12. Production Type: O			
13. Pool Code(s): 41450			14. Gross Fractured Interval: 9,634 ft to 13,680 ft			
15. True Vertical Depth (TVD): 9,303 ft			16. Total Volume of Fluid Pumped: 15 bbls			
<b>17. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:</b>						
Trade Name	Supplier	Purpose	Ingredients	(CAS #) Chemical Abstract Service #	Maximum Ingredient Concentration in Additive (% by mass)	Maximum Ingredient Concentration in HF Fluid (% by mass)
Scaletrol 720, 330 gl tote	Baker Hughes	Scale Inhibitor	Calcium Chloride	10043-52-4	5%	4.7581467%
			Ethylene Glycol	107-21-1	30%	28.54888%
18. I, as Operator, hereby certify that the information shown on this disclosure form is true and complete to the best of my knowledge and belief.						
Signature: <u>Signed Electronically</u>		Printed Name: <u>Kacie Connally</u>		Title: <u>Permitting Tech</u>		
Date: <u>3/1/2013</u>						
E-mail Address: <u>kconnally@concho.com</u>						

NMOCD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.