

Submit within 45 days of well completion	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505	Revised November 6, 2013				
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		1. WELL API NO. 30-015-42134				
		2. Well Name: JACK FEDERAL #004H				
		3. Well Number: 004H				
		4. Surface Hole Location: Unit: B Lot: B Section: 31 Township: 25S Range: 27E Feet from: 190 N/S Line: N Feet from: 2310 E/W Line: E				
		5. Bottom Hole Location: Unit: O Lot: Section: 31 Township: 25S Range: 27E Feet from: 357 N/S Line: S Feet from: 2045 E/W Line: E				
		6. Latitude: 32.0930483113895 Longitude: - 104.228206184901				
		7. County: Eddy				
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: 4/29/2014 Frac Performed by: Baker Hughes		12. Production Type: O				
13. Pool Code(s): 97818		14. Gross Fractured Interval: 7,749 ft to 11,690 ft				
15. True Vertical Depth (TVD): 7,499 ft		16. Total Volume of Fluid Pumped: 1,601 gals				
17. Total Volume of Re-Use Water Pumped: N/A		18. Percent of Re-Use Water in Fluid Pumped: Not Disclosed				
19. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:						
Trade Name	Supplier	Purpose	Ingredients	(CAS #) Chemical Abstract Service #	Maximum Ingredient Concentration in Additive (% by mass)	Maximum Ingredient Concentration in HF Fluid (% by mass)
Parasorb 5000, bag	Baker Hughes	Paraffin Inhibitor	Calcined Diatomaceous Earth	91053-39-3	60%	21.1544273%
			Silica, Crystalline-Quartz	14808-60-7	1%	0.3525738%
			White Mineral Oil	8042-47-5	30%	10.5772137%
Scaletrol 720, 330 gl tote	Baker Hughes	Scale Inhibitor	Calcium Chloride	10043-52-4	5%	2.8960348%
			Ethylene Glycol	107-21-1	30%	17.3762086%
20. 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>Stormi Davis</u>		Title: <u>Regulatory Analyst</u>		
Date: <u>6/13/2014</u>						
E-mail Address: <u>sdavis@conchoresources.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.