

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				
		1. WELL API NO. 30-025-42904				
		2. Well Name: WARBLER STATE COM #002Y				
		3. Well Number: 002Y				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:C Lot:C Section:28 Township:21S Range:33E Feet from:195 N/S Line:N Feet from:2010 E/W Line:W				
		5. Bottom Hole Location: Unit:N Lot:N Section:28 Township:21S Range:33E Feet from:340 N/S Line:S Feet from:1982 E/W Line:W				
		6. latitude: 32.456445 longitude: -103.579041				
		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: 4/22/2016 Frac Performed by: Halliburton		12. Production Type: O				
13. Pool Code(s): 97929		14. Gross Fractured Interval: 11,082 ft to 15,165 ft				
15. True Vertical Depth (TVD): 10,965 ft		16. Total Volume of Fluid Pumped: 11,318,114 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)
Fresh Water	Operator	Base Fluid	Fresh Water	7732-18-5	100%	91.6159%
HYDROCHLORIC ACID	Halliburton	Base Fluid	NA	NA	0%	0%
Cla-Web(TM), DCA-23003, FE-1A ACIDIZING COMPOSITIO	Halliburton	Additive, Concentrate, Corrosion Inhibitor, Proppant, Scale Preventer, Surfactant	NA	NA	0%	0%
Parasorb, Scaletrol	Baker Hughes	Paraffin Inhibitor, Scale Inhibitor	NA	NA	0%	0%
			Acetic acid	64-19-7	60%	0.00269%
			Acetic anhydride	108-24-7	100%	0.00448%
			Alcohols, C14-C15, ethoxylated	68951-67-7	30%	0.00022%
			Alkane	Confidential	1%	0.00048%
			Amine salts	Confidential	0.1%	0.0001%
			Ammonium salt	Confidential	60%	0.03036%
			Calcium chloride (CaCl2)	10043-52-4	5%	0.0014%
			Citric acid	77-92-9	60%	0.00279%
			Complex alkylamine	Confidential	5%	0.00239%
			Crystalline silica, quartz	14808-60-7	100%	7.75518%
			Crystalline silica: Quartz (SiO2)	14808-60-7	1%	5E-05%
			Diatomaceous earth, calcined	91053-39-3	60%	0.00311%
			Ethylene glycol	107-21-1	30%	0.0084%
			Ethylenediaminetetraacetic acid, tetrasodium salt	64-02-8	0.01%	0%
			Fatty acids, tall oil	Confidential	30%	0.00022%
			Glassy calcium magnesium phosphate	65997-17-3	100%	0.0165%
			Glycerine	56-81-5	10%	0.00479%
			Hydrochloric acid	7647-01-0	60%	0.27652%
			Hydrogen peroxide	7722-84-1	0.01%	0%
			Methanol	67-56-1	60%	0.00044%
			Mineral oil	8042-47-5	30%	0.00155%
			NFIDB:DCA-23003	NFIDB:DCA-23003	100%	0%
			Nitrotriactic acid, trisodium salt monohydrate	5064-31-3	0.01%	0%
			Olefins	Confidential	5%	9E-05%
			Poly(oxy-1,2-ethanedilyl), .alpha.-isodecyl-.omega.-hydroxy-	61827-42-7	30%	0.01436%
			Propargyl alcohol	107-19-7	10%	7E-05%
			Quaternary amine	Confidential	5%	0.00309%
			Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide	68527-49-1	30%	0.00022%
			Sodium bicarbonate	144-55-8	0.01%	0%
			Sodium chloride	7647-14-5	5%	0.00253%
			Sodium glycolate	2836-32-0	0.01%	0%
			Sodium hydroxide	1310-73-2	0.01%	0%
			Sodium perborate tetrahydrate	10486-00-7	100%	0.01007%
			Water	7732-18-5	100%	0.54681%
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: Signed Electronically		Printed Name: Stormi Davis		Title: Regulatory Analyst		
Date: 5/20/2016						
E-mail Address: sdavis@conchoresources.com						

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.