

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 February 15, 2012				
		1. WELL API NO. 30-025-40530				
		2. Well Name: VACA 24 FEDERAL COM #003H				
		3. Well Number: 003H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:N Lot:N Section:24 Township:25S Range:33E Feet from:50 N/S Line:S Feet from:1390 E/W Line:W				
		5. Bottom Hole Location: Unit:N Lot:N Section:24 Township:25S Range:33E Feet from:50 N/S Line:S Feet from:1390 E/W Line:W				
		6. latitude: longitude: 32.1088782997453 - 103.530050189023				
		7. County: Lea				
8. Operator Name and Address: EOG RESOURCES INC P.O. Box 2267 Midland 79702		9. OGRID: 7377		10. Phone Number: 432-686-3689		
11. Last Fracture Date: 3/3/2013 Frac Performed by: Pumpco		12. Production Type: O				
13. Pool Code(s): 97900		14. Gross Fractured Interval: 8,560 ft to 9,427 ft				
15. True Vertical Depth (TVD): 9,427 ft		16. Total Volume of Fluid Pumped: 212,783 bbls				
17. 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)
Water	EOG	Carrier/Base Fluid	Water	7732-18-5	100%	87.03789%
Sand	EOG	Proppant	Crystalline Silica	14808-60-7	100%	11.45059%
Hydrochloric Acid	Pumpco	Acid	Hydrochloric Acid	7647-01-0	7.5%	0.10372%
Plexgel Breaker XPA	Chemplex	Breaker for slickwater fracs	Water	7732-18-5	100%	1.38297%
			Water	7732-18-5	93%	0.03527%
Plexflow RTS	Chemplex	Oil field Surfactant	Isopropyl Alcohol	67-63-0	80%	0.03302%
			Polymers Derived from Fatty Acids	Trade Secret	10%	0.00413%
			Polyethylene Glycol	25322-68-3	1%	0.00041%
			Vegetable Oil	Proprietary	1%	0.00041%
			Dimer Fatty Acids	Proprietary	1%	0.00041%
			Heavy Aromatic Naptha	64742-94-5	5%	0.00206%
			Naphthalene	91-20-3	1%	0.00041%
			Ethoxylated Nonyl Phenol-Formaldehyde Resin	30846-35-6	10%	0.00413%
			Fluoroalkyl Alcohol Substituted Polyethylene Glycol	65545-80-4	1%	0.00041%
			1,4-Dioxane	123-91-1	0.1%	4E-05%
			Dipropylene Glycol Methyl Ether	34590-94-8	0.1%	4E-05%
			Water	7732-18-5	0.1%	4E-05%
			Plexslick 957	Chemplex	Anionic water-soluble polymer in emulsion form	Ammonium Chloride
Nonionic Surfactants	Trade Secret	10%				0.00407%
Paraffinic, Naphthenic Solvent	64742-47-8	30%				0.01222%
Poly (acrylamide-co-acrylic acid), partial sodium salt	62649-23-4	35%				0.01426%
Sodium Chloride	7647-14-5	5%				0.00204%
Water	7732-18-5	40%				0.0163%
Plexhib 256	Chemplex	Corrosion inhibitor for hydrochloric acid				Methyl Alcohol
			Propargyl Alcohol	107-19-7	10%	0.00024%
			Thiourea/Formaldehyde Copolymer	68527-49-1	30%	0.00071%
			Polyethoxylated Alcohol Surfactant	68951-67-7	30%	0.00071%
			C-14 to C-16 Alpha Olefins	64743-02-8	5%	0.00012%
			Ferriplex 40	Chemplex	Iron Control Agent	Sodium Hydroxide
Sodium Sulfate Anhydrous	7757-82-6	2%				9E-05%
Trisodium Nitrotriacetate	5064-31-1	40%				0.00173%
Water	7732-18-5	60%				0.0026%
Plexslick 937	Chemplex	Friction Reducer for water				Alcohol Ethoxylate Surfactants
			Hydrotreated Petroleum Distillate	64742-47-8	30%	0.00028%
			Polyacrylamide-co-acrylic acid	9003-06-9	32%	0.0003%
			Water	7732-18-5	35%	0.00033%
			ScaleSorb 3	Baker Hughes	Scale Inhibitor	Diatomaceous Earth, Calcined
Amino Alkyl Phosphonic Acid	Trade Secret	30%				0.00029%
Phosphonic Acid	13598-36-2	1%				1E-05%
Crystalline Silica: Quartz (SiO2)	14808-60-7	1%				1E-05%
All Ingredients including the non hazardous ingred					0%	0%
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: Signed Electronically		Printed Name: Jemine Leigh		Title:		
Date: 4/22/2013						
E-mail Address: jemine_leigh@eogresources.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.						