

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: 30-025-40408				
		2. Well Name: UNDAUNTED BSD STATE COM #001H				
		3. Well Number: 001H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:O Lot:O Section:2 Township:25S Range:32E Feet from:175 N/S Line:S Feet from:2200 E/W Line:E				
		5. Bottom Hole Location: Unit:B Lot:O Section:2 Township:25S Range:32E Feet from:175 N/S Line:S Feet from:2200 E/W Line:E				
		6. Latitude: 32.1527457310789 Longitude: - 103.644241950006				
		7. County: Lea				
8. Operator Name and Address: YATES PETROLEUM CORPORATION 105 S 4TH ST ARTESIA 88210		9. OGRID: 25575		10. Phone Number:		
11. Last Fracture Date: 3/18/2013 Frac Performed by: Schlumberger		12. Production Type: O				
13. Pool Code(s): 97784		14. Gross Fractured Interval: 11,265 ft to 15,412 ft				
15. True Vertical Depth (TVD): 10,882 ft		16. Total Volume of Fluid Pumped: 58,457 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)
HCl 15%, WF110, YF120FlexD	Schlumberger	Acid, Hydraulic Fracturing Fluid	Water (Including Mix Water Supplied by Client)*	-	0%	86.48846%
			Crystalline silica	14808-60-7	90.93096%	12.28618%
			Phenolic resin	9003-35-4	4.68623%	0.63318%
			Hydrogen chloride	7647-01-0	2.37102%	0.32036%
			Guar gum	9000-30-0	1.30849%	0.1768%
			Ethane-1,2-diol	107-21-1	0.62406%	0.08432%
			Cholinium chloride	67-48-1	0.50977%	0.06888%
			Diammonium peroxidisulphate	7727-54-0	0.24469%	0.03306%
			Propan-2-ol	67-63-0	0.17869%	0.02414%
			Gum, xanthan	11138-66-2	0.08914%	0.01204%
			Tetrasodium ethylenediaminetetraacetate	64-02-8	0.07014%	0.00948%
			Glycerol	56-81-5	0.05926%	0.00801%
			Sodium tetraborate	1330-43-4	0.05706%	0.00771%
			Crosslinked PO/EO-block polymer	68123-18-2	0.0536%	0.00724%
			Glutaraldehyde	111-30-8	0.05091%	0.00688%
			Sodium hydroxide	1310-73-2	0.04918%	0.00664%
			Vinylidene chloride/methylacrylate copolymer	25038-72-6	0.03771%	0.0051%
			Methanol	67-56-1	0.03298%	0.00446%
			Fatty acids, tall-oil	61790-12-3	0.02422%	0.00327%
			Thiourea, polymer with formaldehyde and 1-phenylethanone	68527-49-1	0.01993%	0.00269%
			Alkyl (C10-C14) alcohols, ethoxylated	66455-15-0	0.01785%	0.00241%
			Alcohol, C11-14, ethoxylated	78330-21-9	0.01781%	0.00241%
			Methyl oxirane polymer with oxirane	9003-11-6	0.01765%	0.00239%
			Sodium erythorbate	6381-77-7	0.00937%	0.00127%
			Alcohols, C14-15, ethoxylated (7EO)	68951-67-7	0.00927%	0.00125%
			Diocyl sulfosuccinate sodium salt	577-11-7	0.00834%	0.00113%
			Prop-2-yn-1-ol	107-19-7	0.00618%	0.00084%
			Sodium Glycolate (impurity)	2836-32-0	0.00568%	0.00077%
			Alkenes, C>10 a-	64743-02-8	0.00412%	0.00056%
			Non-crystalline silica	7631-86-9	0.00357%	0.00048%
			Tetakis(hydroxymethyl) phosphonium sulfate	55566-30-8	0.00319%	0.00043%
			Magnesium silicate hydrate (talc)	14807-96-6	0.00198%	0.00027%
			Trisodium Ethylenediaminetetraacetate (impurity)	150-38-9	0.0019%	0.00026%
			Disodium Ethylene Diamine Tetra Acetate (impurity)	139-33-3	0.0019%	0.00026%
			Polyethylene glycol monohexyl ether	31726-34-8	0.00187%	0.00025%
			Propylene glycol	57-55-6	0.00179%	0.00024%
			Trisodium nitrilotriacetate (impurity)	5064-31-3	0.00095%	0.00013%
			2-ethylhexan-1-ol	104-76-7	0.00024%	0%
			Potassium oleate	143-18-0	0.00012%	0%
			Oleic acid	112-80-1	0%	0%
Dicoco dimethyl quaternary ammonium chloride	61789-77-3	0%	0%			
Acetic acid, potassium salt	127-08-2	0%	0%			
Acetic acid	64-19-7	0%	0%			
Potassium hydroxide	1310-58-3	0%	0%			
† Proprietary Technology					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: Tina Huerta		Regulatory Reporting Title: Supervisor		
Date: 4/9/2013						
E-mail Address: tinah@pcnm.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.