

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: 30-015-37512							
		2. Well Name: MARTHA AIK FEDERAL #009							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		3. Well Number: 009							
		4. Surface Hole Location: Unit: O Lot: O Section: 11 Township: 22S Range: 31E Feet from: 430 N/S Line: S Feet from: 200 E/W Line: E							
		5. Bottom Hole Location: Unit: P Lot: O Section: 11 Township: 22S Range: 31E Feet from: 430 N/S Line: S Feet from: 200 E/W Line: E							
		6. Latitude: Longitude: 32.400982934793 - 103.745432695522							
		7. County: Eddy							
8. Operator Name and Address: YATES PETROLEUM CORPORATION 105 S 4TH ST ARTESIA 88210		9. OGRID: 25575		10. Phone Number:					
11. Last Fracture Date: 2/19/2013 Frac Performed by: Schlumberger		12. Production Type: O							
13. Pool Code(s): 39360		14. Gross Fractured Interval: 8,606 ft to 11,397 ft							
15. True Vertical Depth (TVD): 8,280 ft		16. Total Volume of Fluid Pumped: 27.374 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)			
7.5% HCl, WF110, WF120, YF120Flex	Schlumberger	Inhib,XL,FR,Biocide,Surf,Acid,Breaker,Gel,Chelant,Prop	Water (Including Mix Water Supplied by Client)*	-	0%	82.8638%			
			Crystalline silica	14808-60-7	94.63955%	16.21762%			
			Guar gum	9000-30-0	1.13327%	0.1942%			
			Hydrogen chloride	7647-01-0	1.0985%	0.18824%			
			Cholinium chloride	67-48-1	0.76859%	0.13171%			
			Phenolic resin	9003-35-4	0.48488%	0.08309%			
			Potassium borate	1332-77-0	0.41634%	0.07134%			
			Propan-2-ol	67-63-0	0.41013%	0.07028%			
			2,2',2''-nitritotriethanol	102-71-6	0.24191%	0.04145%			
			Alcohol, C7-9-iso, C8, ethoxylated	78330-19-5	0.22945%	0.03932%			
			Glycerol	56-81-5	0.18935%	0.03245%			
			Diammonium peroxidisulphate	7727-54-0	0.17131%	0.02936%			
			Potassium hydroxide	1310-58-3	0.13576%	0.02326%			
			Tetrasodium ethylenediaminetetraacetate	64-02-8	0.06727%	0.01153%			
			Crosslinked PO/EO-block polymer	68123-18-2	0.04847%	0.00831%			
			Vinylidene chloride/methylacrylate copolymer	25038-72-6	0.0316%	0.00542%			
			Glutaraldehyde	111-30-8	0.0288%	0.00494%			
			Alkyl (c10-c14) alcohols, ethoxylated	66455-15-0	0.01614%	0.00277%			
			Alcohol, C11-14, ethoxylated	78330-21-9	0.01611%	0.00276%			
			Methyl oxirane polymer with oxirane	9003-11-6	0.01596%	0.00274%			
			Sodium erythorbate	6381-77-7	0.01512%	0.00259%			
			Diocetyl sulfosuccinate sodium salt	577-11-7	0.00754%	0.00129%			
			Methanol	67-56-1	0.00751%	0.00129%			
			Fatty acids, tall-oil	61790-12-3	0.00552%	0.00095%			
			Sodium Glycolate (impurity)	2836-32-0	0.00545%	0.00093%			
			Tetrakis(hydroxymethyl) phosphonium sulfate	55566-30-8	0.00515%	0.00088%			
			Thiourea, polymer with formaldehyde and 1-phenylethanone	68527-49-1	0.00454%	0.00078%			
			Non-crystalline silica	7631-86-9	0.00309%	0.00053%			
			Alcohols, C14-15, ethoxylated (7EO)	68951-67-7	0.00211%	0.00036%			
			Sodium hydroxide	1310-73-2	0.00182%	0.00031%			
			Disodium Ethylene Diamine Tetra Acetate (impurity)	139-33-3	0.00182%	0.00031%			
			Trisodium Ethylenediaminetetraacetate (impurity)	150-38-9	0.00182%	0.00031%			
			Magnesium silicate hydrate (talc)	14807-96-6	0.00166%	0.00028%			
			Propylene glycol	57-55-6	0.00162%	0.00028%			
			Prop-2-yn-1-ol	107-19-7	0.00141%	0.00024%			
			Alkenes, C>10 a-	64743-02-8	0.00094%	0.00016%			
			Trisodium nitrilotriacetate (impurity)	5064-31-3	0.00091%	0.00016%			
			2-ethylhexan-1-ol	104-76-7	0.00022%	0%			
			Potassium oleate	143-18-0	0.00011%	0%			
			Oleic acid	112-80-1	0%	0.0001%			
			Acetic acid, potassium salt	127-08-2	0%	0%			
			Acetic acid	64-19-7	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: 5/14/2013						
E-mail Address: tinah@ypcnm.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.									