

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: 30-015-37510					
					2. Well Name: MARTHA AIK FEDERAL #011					
					3. Well Number: 011					
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment					4. Surface Hole Location: Unit:H Lot:H Section:11 Township:22S Range:31E Feet from:2310 N/S Line:N Feet from:990 E/W Line:E					
					5. Bottom Hole Location: Unit:L Lot:L Section:11 Township:22S Range:31E Feet from:2310 N/S Line:N Feet from:990 E/W Line:E					
					6. latitude: longitude: 32.4069477839809 - 103.74327919053					
					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: 1/15/2013 Frac Performed by: Halliburton					12. Production Type: O					
13. Pool Code(s): 39360					14. Gross Fractured Interval: 7,353 ft to 11,405 ft					
15. True Vertical Depth (TVD): 7,046 ft					16. Total Volume of Fluid Pumped: 38,927 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)				
HYDROCHLORIC ACID 5-10%	Halliburton	Solvent	Hydrochloric acid	7647-01-0	10%	10.46859%				
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	69.53347%				
CRC SAND	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	18.59645%				
			Hexamethylenetetramine	100-97-0	2%	0.37193%				
			Phenol / formaldehyde resin	9003-35-4	5%	0.92982%				
FDP-S1041-12	Halliburton				100%	0%				
HPH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.0004%				
CLA-WEB™	Halliburton	Additive	Ammonium salt	Confidential Business Information	50%	0.0072%				
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00691%				
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.03237%				
			Monoethanolamine borate	26038-87-9	100%	0.1079%				
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.07291%				
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.07291%				
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.01312%				
CLA-STA-XP ADDITIVE	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.02845%				
FR-66	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30%	0.02376%				
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.88127%				
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00959%				
			Walnut hulls	Mixture	100%	0.03197%				
K-35	Halliburton	Additive	Sodium carbonate	497-19-8	100%	0.00368%				
Ingredients Listed Below This Line Are Part of the			1,2-Benzisothiazolin-3-one	2634-33-5	0%	0%				
			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfor-1-naphthalenyl) azo] -, trisodium salt	915-67-3	0%	0%				
			Alcohols, C12-16, ethoxylated	68551-12-2	0%	0%				
			Amine Salts	Confidential Business Information	0%	0%				
			Amine Salts	Confidential Business Information	0%	0%				
			Ammonium chloride	12125-02-9	0%	0%				
			Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0%				
			C.I. Pigment Red 5	6410-41-9	0%	0%				
			Calcium chloride	10043-52-4	0%	0%				
			Crystalline Silica, Quartz	14808-60-7	0%	0%				
			Cured Acrylic Resin	Confidential Business Information	0%	0%				
			Cured Acrylic Resin	Confidential Business Information	0%	0%				
			Enzyme	Confidential Business Information	0%	0%				
			Enzyme	Confidential Business Information	0%	0%				
			Polyacrylamide Copolymer	Confidential Business Information	0%	0%				
			Quaternary Amine	Confidential Business Information	0%	0%				
			Quaternary Amine	Confidential Business Information	0%	0%				
			Quaternary Amine	Confidential Business Information	0%	0%				
			Silica gel	112926-00-8	0%	0%				
			Sodium Chloride	7647-14-5	0%	0%				
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6	0%	0%				
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	0%	0%				
			Surfactant Mixture	Confidential Business Information	0%	0%				
			Surfactant Mixture	Confidential Business Information	0%	0%				
			Tall oil acid diethanolamide	68155-20-4	0%	0%				
			Trimethylamine, N-oxide	1184-78-7	0%	0%				
			Water	7732-18-5	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: 3/6/2013							
			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.										