

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				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		1. WELL API NO: 30-015-41754				
		2. Well Name: SAVANNAH STATE COM #003H				
		3. Well Number: 003H				
		4. Surface Hole Location: Unit:H Lot:H Section:32 Township:19S Range:25E Feet from:2260 N/S Line:N Feet from:150 E/W Line:E				
5. Bottom Hole Location: Unit:H Lot:H Section:32 Township:19S Range:25E Feet from:2260 N/S Line:N Feet from:150 E/W Line:E		6. Latitude: 32.6182723268632				
		Longitude: -104.498809689608				
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: 4/14/2014 Frac Performed by: Schlumberger		12. Production Type: O				
13. Pool Code(s): 97565		14. Gross Fractured Interval: 2,817 ft to 6,885 ft				
15. True Vertical Depth (TVD): 2,436 ft		16. Total Volume of Fluid Pumped: 4,540,612 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)
20% HCL , Slickwater	Schlumberger	Proppant transport	Water (Including Mix Water Supplied by Client)*	NA		86.21117%
			Crystalline silica	14808-60-7	97.09968%	13.38891%
			Hydrochloric acid	7647-01-0	2.10309%	0.28999%
			Isopropanol	67-63-0	0.10561%	0.01456%
			Acrylamide, 2-acrylamido-2-methylpropanesulfonic acid, sodium salt polymer	38193-60-1	0.09533%	0.01314%
			Distillates (petroleum), hydrotreated light	64742-47-8	0.08594%	0.01185%
			Glutaraldehyde	111-30-8	0.08393%	0.01157%
			Tetrasodium ethylenediaminetetraacetate	64-02-8	0.08185%	0.01129%
			Ethane-1,2-diol	107-21-1	0.05443%	0.00751%
			Sodium chloride	7647-14-5	0.05255%	0.00725%
			2-Propenoic acid, polymer with sodium phosphinate	129898-01-7	0.05223%	0.0072%
			Glycerol	56-81-5	0.03116%	0.0043%
			Crosslinked PO/EO-block polymer	68123-18-2	0.02819%	0.00389%
			Alcohol, C11-14, ethoxylated	78330-21-9	0.01828%	0.00252%
			Diammonium peroxidisulphate	7727-54-0	0.01815%	0.0025%
			Sodium erythorbate	6381-77-7	0.0099%	0.00137%
			Alkyl (c10-c14) alcohols, ethoxylated	66455-15-0	0.00939%	0.00129%
			Methyl oxirane polymer with oxirane	9003-11-6	0.00928%	0.00128%
			Alcohols, C9-11-iso-, C10-rich	68526-85-2	0.00894%	0.00123%
			Sorbitan, (Z)-9-octadecenoate (2:3)	8007-43-0	0.00679%	0.00094%
			Sodium Glycolate (impurity)	2836-32-0	0.00663%	0.00091%
			Calcium chloride	10043-52-4	0.00495%	0.00068%
			Fatty acid, tall-oil reaction products with acetophenone	68188-40-9	0.00454%	0.00063%
			Diethyl sulfosuccinate sodium salt	577-11-7	0.00438%	0.0006%
			Sorbitan monooleate, ethoxylated	9005-65-6	0.00393%	0.00054%
			Alcohols, C12-C16, ethoxylated	68551-12-2	0.00379%	0.00052%
			Isodecanol w/6-7 Moles Ethylene Oxide	26183-52-8	0.00255%	0.00035%
			Sodium hydroxide	1310-73-2	0.00249%	0.00034%
			Trisodium Ethylenediaminetetraacetate (impurity)	150-38-9	0.00221%	0.0003%
			Disodium Ethylene Diamine Tetra Acetate (impurity)	139-33-3	0.00221%	0.0003%
			Tetrakis(hydroxymethyl) phosphonium sulfate	55566-30-8	0.00169%	0.00023%
			Cinnamaldehyde	104-55-2	0.00166%	0.00023%
			Trisodium nitrilotriacetate (impurity)	5064-31-3	0.00111%	0.00015%
			Propylene glycol	57-55-6	0.00094%	0.00013%
			2,2'-oxydiethanol	111-46-6	0.00055%	0%
			Amines, tallow alkyl, ethoxylated	61791-26-2	0.00049%	0%
			Dodecyl poly(oxyethylene) ether	9002-92-0	0.0002%	0%
			Glycols, polyethylene, monotetradecyl ether	27306-79-2	0.00015%	0%
			2-ethylhexan-1-ol	104-76-7	0.00013%	0%
			Potassium oleate	143-18-0	0%	0%
Oleic acid	112-80-1	0%	0%			
Acetic acid, potassium salt	127-08-2	0%	0%			
Acetic acid	64-19-7	0%	0%			
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: Tina Huerta		Regulatory Reporting Title: Supervisor		
Date: 7/9/2014						
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.