

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		
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		1. WELL API NO. 30-015-40404				
		2. Well Name: ZIA AHZ FEDERAL COM #002H				
		3. Well Number: 002H				
		4. Surface Hole Location: Unit:C Lot:C Section:13 Township:20S Range:29E Feet from:983 N/S Line:N Feet from:2490 E/W Line:W				
		5. Bottom Hole Location: Unit:C Lot:C Section:13 Township:20S Range:29E Feet from:983 N/S Line:N Feet from:2490 E/W Line:W				
		6. latitude: 32.5779570301811			longitude: - 104.029073960821	
		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: 7/26/2012 Frac Performed by: Schlumberger			12. Production Type: O			
13. Pool Code(s): 27470			14. Gross Fractured Interval: 8,610 ft to 12,775 ft			
15. True Vertical Depth (TVD): 8,375 ft			16. Total Volume of Fluid Pumped: 28,760 bbls			
17. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:						
Trade Name	Supplier	Purpose	Ingredients	(CAS #) Chemical Abstract Service #	Maximum Ingredient Concentration in Additive (% by mass)	Maximu Ingredie Concent in HF Fl by mass
7.5% HCl, WF105, YF120Flex	Schlumberger	Inhib,XL,FR,Biocide,Surf,Acid,Breaker,Gel,Chelant,Prop	Water (Including Mix Water Supplied by Client)*		0%	54.082
			Aliphatic polyol	Proprietary	53.8942%	24.746
			Crystalline silica	14808-60-7	27.26995%	12.521
			Potassium hydroxide	1310-58-3	26.9471%	12.373
			Carbohydrate polymer	Proprietary	0.36035%	0.165
			Phenolic resin	9003-35-4	0.23502%	0.107
			Tetramethylammonium chloride	75-57-0	0.18213%	0.083
			Hydrochloric acid	7647-01-0	0.15837%	0.072
			2,2',2'''-nitrilotriethanol	102-71-6	0.08699%	0.039
			Diammonium peroxidisulphate	7727-54-0	0.07749%	0.035
			Oxyalkylated Alcohol (2)	Proprietary	0.04583%	0.021
			Propan-2-ol	67-63-0	0.04538%	0.020
			Polyethylene glycol monohexyl ether	31726-34-8	0.03634%	0.016
			Aliphatic co-polymer	Proprietary	0.02466%	0.011
			Glutaraldehyde	111-30-8	0.01948%	0.008
			Tetrasodium ethylenediaminetetraacetate	64-02-8	0.01433%	0.006
			Methanol	67-56-1	0.00452%	0.002
			Sodium erythorbate	6381-77-7	0.00279%	0.001
			Aliphatic acids	Proprietary	0.00136%	0.000
			Aliphatic alcohols, ethoxylated #2	Proprietary	0.00136%	0.000
			Sodium hydroxide	1310-73-2	0.00119%	0.000
			Prop-2-yn-1-ol	107-19-7	0.00045%	0.000
			Oxyalkylated Alkyl Alcohol (1)	Proprietary	0.00045%	0.000
			Trisodium nitrilotriacetate (impurity)	5064-31-3	0.00024%	0.000
			Oxyalkylated Alcohol (1)	Proprietary	0.00023%	0.00
Heavy aromatic naphtha	64742-94-5	0.00023%	0.00			
Quaternary ammonium compounds	Proprietary	0.00023%	0.00			
Naphtalene (impurity)	91-20-3	5E-05%				
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: 9/5/2012						
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.						