

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: 30-025-40722							
		2. Well Name: JEFE BSJ FEDERAL COM #001H							
		3. Well Number: 001H							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit: O Lot: O Section: 32 Township: 25S Range: 32E Feet from: 330 N/S Line: S Feet from: 1980 E/W Line: E							
		5. Bottom Hole Location: Unit: O Lot: O Section: 32 Township: 25S Range: 32E Feet from: 330 N/S Line: S Feet from: 1980 E/W Line: E							
		6. Latitude: 32.0805528069788 longitude: -103.695065034624							
		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: 12/17/2012 Frac Performed by: Halliburton			12. Production Type: O						
13. Pool Code(s): 97938			14. Gross Fractured Interval: 11,040 ft to 17,200 ft						
15. True Vertical Depth (TVD): 10,601 ft			16. Total Volume of Fluid Pumped: 93,357 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)			
Fresh Water	Operator				100%	85.45663%			
FE ACID - >10% HCL	Halliburton	Acid	Hydrochloric acid	7647-01-0	30%	2.15144%			
CRC-30/50	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	30%	3.54469%			
			Mullite	1302-93-8	100%	11.81563%			
			Phenol / formaldehyde resin	9003-35-4	5%	0.59078%			
FDP-S1007-11	Halliburton	Surfactant	Citrus, extract	94266-47-4	10%	0.00793%			
			Isopropanol	67-63-0	30%	0.02378%			
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00399%			
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.01133%			
CLA-WEB™	Halliburton	Additive	Ammonium salt	Confidential Business Information	50%	0.02351%			
FR-38	Halliburton	Friction Reducer	Acetic acid	64-19-7	5%	0.00027%			
			Ammonium sulfate Inorganic Salt	Confidential Business Information	30%	0.00161%			
D-AIR 3000L	Halliburton	Defoamer	Alkenes	Confidential Business Information	100%	0.01003%			
			Silica, amorphous precipitated	67762-90-7	30%	0.00301%			
CL-22 UC	Halliburton	Crosslinker	Potassium formate	590-29-4	60%	0.04184%			
CL-31 CROSSLINKER	Halliburton	Crosslinker	Potassium hydroxide	1310-58-3	5%	0.00286%			
			Potassium metaborate	13709-94-9	60%	0.03433%			
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.00501%			
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.00973%			
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.00973%			
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.00078%			
OPTIFLO-III DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100%	0.00196%			
			Crystalline silica, quartz	14808-60-7	30%	0.00059%			
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	8E-05%			
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.19552%			
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.01764%			
			Acetic acid	64-19-7	0%	0%			
			Acetic anhydride	108-24-7	0%	0%			
			Acrylamide copolymer	Proprietary	0%	0%			
			Acrylate Polymer	Confidential Business Information	0%	0%			
			Amine Salt	Confidential Business Information	0%	0%			
			Amine Salts	Confidential Business Information	0%	0%			
			Amine Salts	Confidential Business Information	0%	0%			
			Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0%			
			Borate salts	Confidential Business Information	0%	0%			
			Citric acid	77-92-9	0%	0%			
			Crystalline silica, quartz	14808-60-7	0%	0%			
			Cured Acrylic Resin	Confidential Business Information	0%	0%			
			Defoamer	Proprietary	0%	0%			
			Glycerine	56-81-5	0%	0%			
			Hexamethylenetetramine	100-97-0	0%	0%			
			Modified acrylamide copolymer	Proprietary	0%	0%			
			Modified acrylate polymer	Proprietary	0%	0%			
			Polypropylene glycol	25322-69-4	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%			
			Silica, amorphous - fumed	7631-86-9	0%	0%			
			Sodium acetate	127-09-3	0%	0%			
			Sodium carboxymethyl cellulose	9004-32-4	0%	0%			
			Sodium Chloride	7647-14-5	0%	0%			
			Sodium glycollate	2836-32-0	0%	0%			
			Sodium sulfate	7757-82-6	0%	0%			
			Surfactant Mixture	Confidential Business Information	0%	0%			
			Surfactant Mixture	Confidential Business Information	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: 2/20/2013						
			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.