

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				
		1. WELL API NO: 30-015-41966				
		2. Well Name: BENSON DEEP BDX FEDERAL #002H				
		3. Well Number: 002H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit: M Lot: M Section: 33 Township: 18S Range: 30E Feet from: 380 N/S Line: S Feet from: 500 E/W Line: W				
		5. Bottom Hole Location: Unit: P Lot: M Section: 33 Township: 18S Range: 30E Feet from: 665 N/S Line: S Feet from: 278 E/W Line: E				
		6. latitude: longitude: 32.6977795840581 -103.983729978286				
		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: 1/7/2015 Frac Performed by: Schlumberger		12. Production Type:				
13. Pool Code(s): 37920		14. Gross Fractured Interval: 8,548 ft to 12,682 ft				
15. True Vertical Depth (TVD): 8,430 ft		16. Total Volume of Fluid Pumped: 3,975,630 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)
YF100Flex, WF100, H015	Schlumberger	Acid Corrosion Inhibitor A286, Bactericide (Mycicide GA25), Demulsifier, Surfactant , Acid, Breaker,	Water (Including Mix Water Supplied by Client)*		0%	84.1379%
			Crystalline silica	14808-60-7	95.39128%	15.13106%
			Hydrochloric acid	7647-01-0	1.41911%	0.2251%
			Guar gum	9000-30-0	1.19358%	0.18933%
			Potassium borate	1332-77-0	0.58142%	0.09223%
			2-hydroxy-N,N,N-trimethylethanaminium chloride	67-48-1	0.40881%	0.06485%
			Phenolic resin	9003-35-4	0.38374%	0.06087%
			Potassium hydroxide	1310-58-3	0.21488%	0.03408%
			1, 2, 3 - Propanetriol	56-81-5	0.19039%	0.0302%
			Diammonium peroxidisulphate	7727-64-0	0.07087%	0.01124%
			Glutaraldehyde	111-30-8	0.06948%	0.01102%
			Ethylene glycol	107-21-1	0.06326%	0.01003%
			Propan-2-ol	67-63-0	0.06245%	0.00991%
			2-Propenoic acid, polymer with sodium phosphinate	129898-01-7	0.05917%	0.00939%
			Alcohols, c11-15-secondary, ethoxylated	68131-40-8	0.05444%	0.00863%
			Tetrasodium ethylenediaminetetraacetate	64-02-8	0.03557%	0.00564%
			Polyethylene glycol monoethyl ether	31726-34-8	0.03194%	0.00507%
			Sodium chloride	7647-14-5	0.01195%	0.0019%
			Sodium erythorbate	6381-77-7	0.00879%	0.00139%
			CALCIUM CHLORIDE	10043-52-4	0.00604%	0.00096%
			Non-crystalline silica (impurity)	7631-86-9	0.00299%	0.00047%
			Sodium Glycolate (impurity)	2836-32-0	0.00288%	0.00046%
			Fatty acid, tall-oil reaction products with acetophenone	68188-40-9	0.00209%	0.00033%
			Vinylidene chloride/methylacrylate copolymer	25038-72-6	0.00202%	0.00032%
			Alcohols, C12-C16, ethoxylated	68551-12-2	0.00174%	0.00028%
			Tetrakis(hydroxymethyl)phosphonium sulfate	55566-30-8	0.00136%	0.00022%
			Dicoco dimethyl quaternary ammonium chloride	61789-77-3	0.00133%	0.00021%
			Sodium hydroxide (impurity)	1310-73-2	0.00128%	0.0002%
			Isodecanol w/6-7 Moles Ethylene Oxide	26183-52-8	0.00117%	0.00013%
			Disodium Ethylene Diamine Tetra Acetate (impurity)	139-33-3	0.00096%	0.00015%
			Trisodium Ethylenediaminetetraacetate (impurity)	150-38-9	0.00096%	0.00015%
			Cinnamaldehyde	104-55-2	0.00077%	0.00012%
			2,2'-oxydiethanol (impurity)	111-46-6	0.00064%	0.0001%
			Trisodium nitriotriacetate (impurity)	5064-31-3	0.00048%	0%
			Polyethylenimin, polymer with ethylene oxide and propylene oxide	52501-07-2	0.0004%	0%
			Crosslinked PO/EO-block polymer	68123-18-2	0.00032%	0%
			Amines, tallow alkyl, ethoxylated	61791-26-2	0.00022%	0%
			Potassium chloride (impurity)	7447-40-7	0.00019%	0%
			Methyl oxirane polymer with oxirane	9003-11-6	0.00016%	0%
			Dodecyl poly(oxyethylene) ether	9002-92-0	0%	0%
			Alkyl (c10-c14) alcohols, ethoxylated	66455-15-0	0%	0%
			Alcohol, C11-14, ethoxylated	78330-21-9	0%	0%
			Glycols, polyethylene, monotetradecyl ether	27306-79-2	0%	0%
			Magnesium silicate hydrate (talc)	14807-96-6	0%	0%
			poly(tetrafluoroethylene)	9002-84-0	0%	0%
			Ethanol	64-17-5	0%	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%
Oxirane	75-21-8	0%	0%			
1,4-Dioxane	123-91-1	0%	0%			
Propylene oxide	75-56-9	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: 2/18/2015						
E-mail Address: tinah@ypcnm.com						

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