

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: 30-015-22793				
		2. Well Name: BENSON DEEP BDX FEDERAL COM #001				
		3. Well Number: 001				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amended		4. Surface Hole Location: Unit:O Lot:O Section:33 Township:18S Range:30E Feet from:660 N/S Line:S Feet from:2180 E/W Line:E				
		5. Bottom Hole Location: Unit:O Lot:O Section:33 Township:18S Range:30E Feet from:660 N/S Line:S Feet from:2180 E/W Line:E				
		6. latitude: longitude: 32.6985419552757 - 103.97553361548				
		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: 3/15/2012 Frac Performed by: FTS International		12. Production Type: G				
13. Pool Code(s): 96403		14. Gross Fractured Interval: 8,316 ft to 8,370 ft				
15. True Vertical Depth (TVD): 12,071 ft		16. Total Volume of Fluid Pumped: 3,694 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)
Water	Operator	Carrier	Water	7732-18-5	100%	84.40696%
HCl, 10.1 - 15%	FTSI	Acidizing	Hydrochloric Acid	7647-01-0	15%	0%
			Water	7732-18-5	85%	0%
Resin Activator	FTSI	Activator	Alcohols, C12-C14 Secondary	84-133-50-6	70%	0.02356%
			Methanol	67-56-1	50%	0.01683%
			3rd Party Proprietary	Proprietary	0%	0%
KCLS 02	FTSI	Clay Stabilizer	Quatenary Ammonium Chloride	70750-07-1	60%	0.0546%
			Methanol	67-56-1	2%	0.00182%
			3rd Party	Proprietary	38%	0.03458%
FE-100L	FTSI	Iron Control	Citric Acid	77-92-9	55%	0%
			Water	7732-18-5	60%	0%
Shale Surf 1000	FTSI	Flow-back Enhancer	Ethoxylated alcohol	Proprietary	20%	0.0167%
			2-Butoxyethanol	111-76-2	10%	0.00835%
			2-Propanol	67-63-0	10%	0.00835%
			Cyclohexene	5989-27-5	10%	0.00835%
			Methanol	67-56-1	10%	0.00835%
			Water	7732-18-5	85%	0.07099%
HVG-1	FTSI	Guar Slurry	Guar Gum	9000-30-0	50%	0.20187%
			Petroleum Distillate	64742-47-8	55%	0.22206%
			Clay	14808-60-7	2%	0.00807%
BXL-2	FTSI	Crosslinker	Sodium metaborate	10555-76-7	25%	0.03502%
			Boric acid	10043-35-3	15%	0.02101%
			Potassium hydroxide	1310-58-3	12%	0.01681%
			Water	7732-18-5	75%	0.10505%
			Surfactant	68439-51-	2%	0.0028%
			Ethylene Glycol monobutyl ether	111-76-2	0.25%	0.00035%
EEB-1	FTSI	Breaker	Silica, Crystalline Quartz	14808-60-7	100%	0.1093%
				Proprietary	100%	0.1093%
LEB-300	FTSI	Breaker	Proprietary	Proprietary	0%	0%
B-10	FTSI	High pH Buffer	Potassium Carbonate	584-08-7	48%	0.01405%
			Potassium hydroxide	1310-58-3	20%	0.00586%
			Water	7732-18-5	55%	0.0161%
ICI-150	FTSI	Biocide	Gluteral	111-30-8	50%	0.01198%
			Water	7732-18-5	50%	0.01198%
			Methanol	67-56-1	0.5%	0.00012%
Super LC 20/40	Santrol	Proppant	Crystalline Silica (Quartz)	14808-60-7	97%	3.16388%
			Phenol-Formaldehyde Novalak Resin	9003-35-4	5%	0.16309%
			Hexamethylenetetramine	100-97-0	1%	0.03262%
Sand, White, 20/40	FTSI	Proppant	Crystalline Silica (Quartz)		100%	11.41559%
Sand, White, 100 Mesh	Santrol	Proppant	Crystalline Silica (Quartz)		100%	0%
Sand Texas Gold, 16/30	FTSI	Proppant	Crystalline Silica (Quartz)		100%	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: <u>Signed Electronically</u>		Printed Name: <u>Tina Huerta</u>		Regulatory Compliance Title: <u>Supervisor</u>		
Date: <u>4/13/2012</u>						
E-mail Address: <u>tinah@ypcnm.com</u>						
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.						