

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: 30-015-28557				
		2. Well Name: BOYD X STATE #011				
		3. Well Number: 011				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒Original ☐Amendment		4. Surface Hole Location: Unit:P Lot:P Section:16 Township:19S Range:25E Feet from:810 N/S Line:S Feet from:730 E/W Line:E				
		5. Bottom Hole Location: Unit:P Lot:P Section:16 Township:19S Range:25E Feet from:810 N/S Line:S Feet from:730 E/W Line:E				
		6. latitude: 32.6559112841488 longitude: - 104.483542697136				
		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: 7/18/2013 Frac Performed by: CUDD		12. Production Type: O				
13. Pool Code(s): 97565		14. Gross Fractured Interval: 2,294 ft to 2,430 ft				
15. True Vertical Depth (TVD): 8,350 ft		16. Total Volume of Fluid Pumped: 496,816 gals				
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		Carrier/Base Fluid		7732-18-5	100%	92.56218%
Sand		Proppant	Silicon Dioxide	14808-60-7	100%	6.80963%
B-15	Water Science Tech	Biocide	Tetrakis (hydroxymethyl) phosphonium sulfate	55566-30-8	20%	0.00199%
			Water	7732-18-5	80%	0.00796%
FR-601	SNF	Friction Reducer	Copolymer of acrylamide and sodium acrylate	25987-30-8	100%	0.09957%
			Isoparaffinic Solvent	64742-47-8	100%	0.09957%
			Water	7732-18-5	100%	0.09957%
			Nonylphenol	9016-45-9	100%	0.09957%
			Sorbitan Monooleate	1338-43-8	100%	0.09957%
20% Hydrochloric Acid	Reagent	Scale Dissolver	37% Hydrochloric Acid	7647-01-0	20%	0.082%
			Water	7732-18-5	80%	0.328%
I-112	Chemplex, LC	Acid Corrosion Inhibitor	Methanol	67-56-1	49.6%	0.00015%
			Propargyl Alcohol	107-19-7	4%	0%
NE-227	CESI	Non-emulsifier	Isopropanol	67-63-0	15%	0%
			Methanol	67-56-1	15%	0%
			Ethoxylated Nonylphenol	9016-45-9	20%	0%
FE-4	Chemplex, LC	Iron Control Additive	Citric Acid Anhydrous	77-92-9	55%	0.00121%
			Water	7732-18-5	55%	0.00121%
S-222	Chemplex, LC	Flouro Surfactant	Methanol	67-56-1	100%	0.08707%
GB-210	Reef	Polyacrlamide Breaker	CS-210PB	Blend	100%	0.01871%
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 Reporting Title: <u>Supervisor</u>				
Date: <u>10/2/2013</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.