

**State of New Mexico
Energy, Minerals and Natural
Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505**

1. WELL API NO: 30-015-27748
2. Well Name: WARREN ANW FEDERAL #001
3. Well Number: 001
4. Surface Hole Location: Unit: Lot:L Section:9 Township:19S Range:25E Feet from:1980 N/S Line:S Feet from:660 E/W Line:W
5. Bottom Hole Location: Unit:L Lot:L Section:9 Township:19S Range:25E Feet from:1980 N/S Line:S Feet from:660 E/W Line:W
6. latitude: longitude: 32.67348 -104.49569
7. County: Eddy

HYDRAULIC FRACTURING FLUID DISCLOSURE Original Amendment

8. Operator Name and Address: YATES PETROLEUM CORPORATION 105 S 4TH ST ARTESIA 88210	9. OGRID: 25575	10. Phone Number:
11. Last Fracture Date: 3/29/2012 Frac Performed by: FTS International	12. Production Type: O	
13. Pool Code(s): 50270	14. Gross Fractured Interval: 2,206 ft to 2,410 ft	
15. True Vertical Depth (TVD): 8,274 ft	16. Total Volume of Fluid Pumped: 8,594 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%	90.98846%
HCl, 10.1 - 15%	FTSI	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.16493%
			Water	7732-18-5	85%	0.93459%
CI-150	FTSI	Corrosion Inhibitor	Isopropanol	67-63-0	30%	0.00091%
			Dimethylformamide	68-12-2	10%	0.0003%
			Organic amine resin salt	Proprietary	30%	0.00091%
			Quaternary ammonium compound	Proprietary	10%	0.0003%
			Aromatic aldehyde	Proprietary	10%	0.0003%
			Ethylene Glycol	107-21-1	30%	0.00091%
			Diethylene glycol	111-46-6	1%	0%
			Water	7732-18-5	5%	0.00015%
			Fatty acid	Proprietary	0.1%	0%
			Fatty acid salt	Proprietary	0.1%	0%
			Aliphatic alcohol	Proprietary	0.1%	0%
			Alkylene Oxide Block Polymer	Proprietary	10%	0.0003%
FRW-200	FTSI	Friction Reducer	Petroleum Distillate Hydrotreated light	64742-47-8	30%	0.02554%
			Ethylene glycol	107-21-1	4%	0.00341%
			Water	7732-18-5	60%	0.05108%
			Aliphatic hydrocarbon	Proprietary	30%	0.02554%
			Polyol Ester	Proprietary	5%	0.00426%
			Acrylamide	79-06-1	0.1%	0%
			Anionic Polymer	Proprietary	30%	0.02554%
			Polyglycol Ester	Proprietary	0.1%	0%
FE-100L	FTSI	Iron Control	Citric Acid	77-92-9	55%	0.00199%
			Water	7732-18-5	60%	0.00217%
Shale Surf 1000	FTSI	Flow-back Enhancer	Ethoxylated alcohol	Proprietary	20%	0.01738%
			2-Butoxyethanol	111-76-2	10%	0.00869%
			2-Propanol	67-63-0	10%	0.00869%
			Cyclohexene	5989-27-5	10%	0.00869%
			Methanol	67-56-1	10%	0.00869%
HVG-1	FTSI	Guar Slurry	Guar Gum	9000-30-0	50%	0%
			Petroleum Distillate	64742-47-8	55%	0%
			Clay	14808-60-7	2%	0%
			Water	7732-18-5	85%	0.07386%
NE 100	FTSI	Non Emulsifier	2-Butoxyethanol	111-76-2	10%	0.0001%
			2-Propanol	67-63-0	10%	0.0001%
			Dodecylbenzenesulfonic acid	27176-87-0	5%	0%
			Sulfuric Acid	7664-93-9	0.01%	0%
LTB-1	FTSI	Breaker	Sulfur dioxide	7446-009-5	0%	0%
			Water	7732-18-5	90%	0.00091%
			Ammonium Persulfate	7727-54-0	100%	0%
			Cured acrylic resin	Proprietary	100%	0%
CS-210	FTSI	Polymer Breaker	Silica, Crystalline Quartz	14808-60-7	10%	0%
			Sodium Chloride	7647-14-5	15%	0.01914%
			Sodium Chlorite	7758-19-2	5%	0.00638%
			Sodium Hydroxide	1310-73-2	0%	0%
B-5	FTSI	Low pH Buffer	Water	7732-18-5	80%	0.10209%
			Acetic Acid	64-19-7	90%	0%
			Water	7732-18-5	35%	0%
ICI-150	FTSI	Biocide	Gluteral	111-30-8	50%	0.02759%
			Water	7732-18-5	50%	0.02759%
			Methanol	67-56-1	0.5%	0.00028%
Super LC 20/40	Santrol	Proppant	Crystalline Silica (Quartz)	14808-60-7	97%	0%
			Phenol-Formaldehyde Novalak Resin	9003-35-4	5%	0%
			Hexamethylenetetramine	100-97-0	1%	0%
Sand, White, 40/70	FTSI	Proppant	Crystalline Silica (Quartz)		100%	1.79737%
Sand, White, 100 Mesh	Santrol	Proppant	Crystalline Silica (Quartz)		100%	0.75514%
Sand Texas Gold, 16/30	FTSI	Proppant	Crystalline Silica (Quartz)		100%	4.99704%

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 Compliance Title: Supervisor

Date: 5/18/2012

E-mail Address: tinah@ypcnm.com

NMOCDD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCDD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.