

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. 30-015-28409				
		2. Well Name: PATRIOT AIZ #010				
		3. Well Number: 010				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:N Lot:N Section:21 Township:19S Range:25E Feet from:860 N/S Line:S Feet from:1980 E/W Line:W				
		5. Bottom Hole Location: Unit:N Lot:N Section:21 Township:19S Range:25E Feet from:860 N/S Line:S Feet from:1980 E/W Line:W				
		6. latitude: longitude: 32.6414358221363 - 104.491861648675				
		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: 8/12/2013 Frac Performed by: Elite Well Services, LLC		12. Production Type: O				
13. Pool Code(s): 97565		14. Gross Fractured Interval: 3,554 ft to 3,614 ft				
15. True Vertical Depth (TVD): 8,320 ft		16. Total Volume of Fluid Pumped: 526,218 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	Carrier Base Fluid	7732-18-5	100%	90.2031%
Sand (proppant)		Proppant	Silicon Dioxide	14808-60-7	100%	6.20886%
Ferriplex 66	Chemplex, LLC	Iron Control	Acetic Acid	64-19-7	50%	0.00099%
			Citric Acid	77-92-9	30%	0.00059%
			Water	7732-18-5	35%	0.00069%
			Cocamide	68603-42-9	30%	0%
Plexbreak 150	Chemplex, LC	Non-Emulsifier	Diethanolamine Salt	111-42-2	20%	0%
			Diethanolamine	67-56-1	50%	0.00015%
			Methyl Alcohol	67-56-1	5%	0%
			Trade Secret	Trade Secret		
Plexcide 24B	Chemplex, LC	Biocide	Tetrahydro-3, 5-Dimthyl-2H-1, 3, 5-thiadiazine-2-thione	533-73-2	24%	0.007%
			Sodium Hydroxide	1310-73-2	12%	0.0035%
			Water	7732-18-5	72%	0.02101%
			Methyl Alcohol	67-56-1	70%	0.00041%
Plexhib 256	Chemplex, LC	Corrosion Inhibitor	Propargyl Alcohol	107-19-7	8%	0%
			thiourea-formaldehyde copolymer	68527-49-1	30%	0.00018%
			Alcohol Ethoxylate surfactants	Trade Secret	30%	0.00018%
			n-olefins	Trade Secret	10%	0%
Plexsurf 240 E	Chemplex, LC	Surfactant	Methyl Alcohol	67-56-1	20%	0%
			Alcohol Ethoxylate surfactants	Trade Secret	20%	0%
			Water	7732-18-5	80%	0.00027%
20% Hydrochloric Acid	CNR	Acid	36% Hydrochloric Acid	7647-01-0	18.8%	0.00773%
			Water	7732-18-5	81.2%	0.03338%
Plexgel Breaker XPA	Chemplex, LC	Gel Breaker	Hydrogen Peroxide	7722-84-1	7%	0.00555%
Plexsurf 580 ME	Chemplex, LC	Surfactant	Methyl Alcohol	67-56-1	10%	0.00881%
			2-Butoxyethanol	111-76-2	50%	0.04404%
			Water	7732-18-5	40%	0.03523%
Plexslick 953	Chemplex, LC	Friction Reducer	Alcohol Ethoxylate Surfactants	Trade Secret	8%	0.00721%
			Hydrotreated Petroleum Distillate	64742-47-8	30%	0.02704%
			Water	7732-18-5	31%	0.02795%
			Polyacrylamide-co-Acrytic Acid	9003-06-9	31%	0.02795%
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: 10/3/2013						
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.