

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. 30-015-40817				
		2. Well Name: DERRICK FEE #001				
		3. Well Number: 001				
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:H Lot:H Section:4 Township:23S Range:27E Feet from:1675 N/S Line:N Feet from:700 E/W Line:E				
		5. Bottom Hole Location: Unit:H Lot:H Section:4 Township:23S Range:27E Feet from:1675 N/S Line:N Feet from:700 E/W Line:E				
		6. Iatititude: longitude: 32.3368299575243 - 104.18873578706				
		7. County: Eddy				
8. Operator Name and Address: MACK ENERGY CORP PO Box 960 11344 Lovington Hwy Artesia 88211				9. OGRID: 13837	10. Phone Number: 575-748-1288	
11. Last Fracture Date: 6/18/2013 Frac Performed by: Elite Well Services LLC				12. Production Type: O		
13. Pool Code(s): 97022				14. Gross Fractured Interval: 8,424 ft to 9,066 ft		
15. True Vertical Depth (TVD): 10,520 ft				16. Total Volume of Fluid Pumped: 29,470 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		Carrier Base Fluid	Water	7732-18-5	100%	88.97976%
Sand (Proppant)		Proppant	Silicon Dioxide	4808-60-7	100%	3.18975%
Ferriplex 66	Chemplex,LC	Iron Control	Acetic Acid	64-19-7	50%	0.00031%
			Citric Acid	77-92-9	30%	0.00019%
			Water	7732-18-5	35%	0.00022%
Greenhib 679	Chemplex, LC	Scale Inhibitor	Glycerine	56-81-5	35%	0.01738%
			Trade Secret	Trade Secret	35%	0.01738%
			Water	7732-18-5	50%	0.02482%
Plexbreak 150	Chemplex LC	Non-Emulsifier	Cocamide	68603-42-9	30%	3E-05%
			Diethanolamine Salt			
			Diethanolamine	111-42-2	20%	2E-05%
			Methyl Alcohol	67-56-1	50%	5E-05%
Plexcide 24B	Chemplex, LC	Biocide	Trade Secret	Trade Secret	5%	0%
Plexhid 256	Chemplex, LC	Corrosion Inhibitor	Tetrahydro-3,5-Dimethyl-2H-1,3,5-Thiadiazine-2-Thione	533-73-2	24%	0.006%
			Sodium Hydroxide	1310-73-2	12%	0.003%
			Water	7732-18-5	72%	0.01799%
			Methyl Alcohol	67-56-1	70%	0.00013%
			Propargyl Alcohol	107-19-7	8%	1E-05%
			Thiourea-Formaldehyde Copolymer	68527-49-1	30%	6E-05%
			Alcohol Ethozylate Surfactants	Trade Secret	30%	6E-05%
Plexslick 921 E	Chemplex, LC	Friction Reducer	N-Olefins	Trade Secret	10%	2E-05%
			Hydrotreated Petroleum Distillate	64742-47-8	30%	0.042%
			Polyacrylamide Co Acrylic Acid	9003-06-9	32%	0.0448%
			Water	7732-18-5	35%	0.049%
Plexsurf 240 E	Chemplex, LC	Surfactant	Alcohol Ethoxylate Surfactants	Trade Secret	8%	0.0112%
			Methyl Alcohol	67-56-1	20%	2E-05%
			Alcohol Ethozylate Surfactants	Trade Secret	20%	2E-05%
15% Hydrochloric Acid	CNR	Acid	Water	7732-18-5	80%	8E-05%
			36% Hydrochloric Acid	7647-01-0	38%	0.00491%
			Water	7732-18-5	62%	0.00802%
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: Deana Weaver Title: Production Clerk						
Date: 6/24/2013						
E-mail Address: deanap@mackenergycorp.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.						