

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 November 6, 2013				
		1. WELL API NO: 30-015-40817				
		2. Well Name: DERRICK FEE #001				
		3. Well Number: 001				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☐ Original ☒ Amends disclosure submitted on 12/13/2013		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. latitude: 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: 12/6/2013 Frac Performed by: Elite Well Services LLC		12. Production Type: O				
13. Pool Code(s): 97022		14. Gross Fractured Interval: 6,533 ft to 7,298 ft				
15. True Vertical Depth (TVD): 10,520 ft		16. Total Volume of Fluid Pumped: 28,218 gals				
17. Total Volume of Re-Use Water Pumped: N/A		18. Percent of Re-Use Water in Fluid Pumped: Not Disclosed				
19. 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%	93.53698%
Sand (Proppant)		Proppant	Silicon Dioxide	14808-60-7	100%	0.38042%
RCS (Proppant)		Proppant	Silicon Dioxide	14808-60-7	100%	3.11096%
Ferriplex 66	Chemplex, LC	Iron Control	Acetic Acid	64-19-7	50%	0.00036%
			Citric Acid	77-92-9	30%	0.00022%
			Water	7732-18-5	35%	0.00025%
Greenhib 679	Chemplex, LC	Scale Inhibitor	Glycerine	56-81-5	35%	0.02906%
			Trade Secret	Trade Secret	35%	0.02906%
			Water	7732-18-5	50%	0.04152%
Plexbreak 150	Chemplex, LC	Non-Emlsifier	Cocamide	68603-42-9	30%	4E-05%
			Diethanolamine Salt			
			Diethanolamine	111-42-2	20%	3E-05%
			Methyl Alcohol	67-56-1	50%	7E-05%
Plexcide 24B	Chemplex, LC	Biocide	Trade Secret	Trade Secret	5%	1E-05%
			Tetrahydro-3, 5-Dimethyl-2H, 1,3,5 Thiadiazine - 2 Thione	533-73-2	24%	0.00654%
			Sodium Hydroxide	1310-73-2	12%	0.00327%
Plexhib 256	Chemplex, LC	Corrosion Inhibitor	Water	7732-18-5	72%	0.01961%
			Methyl Alcohol	67-56-1	70%	0.00014%
			Propargyl Alcohol	107-19-7	8%	2E-05%
			Thiourea-Formaidehyde Copolymer	68527-49-1	30%	6E-05%
			Alcohol Ethoxylate Surfactants	Trade Secret	30%	6E-05%
			N-Olefins	Trade Secret	10%	2E-05%
Plexsurf 240E	Chemplex, LC	Surfactant	Methyl Alcohol	67-56-1	20%	3E-05%
			Alcohol Ethoxylate Surfactants	Trade Secret	20%	3E-05%
			Water	7732-18-5	80%	0.00012%
15% Hydrochloric Acid	CNR	Acid	36% Hydrochloric Acid	7647-01-0	18.8%	0.00267%
			Water	7732-18-5	81.2%	0.01153%
Plexslick 953	Chemplex, LC	Friction Reducer	Alcohol Ethoxylate Surfactants	Trade Secret	8%	0.01177%
			Hydrotreated Petroleum Distillate	64742-47-8	30%	0.04414%
			Water	7732-18-5	31%	0.04561%
			Polyacrylamide-co-acrylic acid	9003-06-9	31%	0.04561%
20. 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: 12/13/2013						
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.