

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: 30-005-64027				
		2. Well Name: ESKIMO STATE #001				
		3. Well Number: 001				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:N Lot:N Section:19 Township:15S Range:29E Feet from:330 N/S Line:S Feet from:1650 E/W Line:W				
		5. Bottom Hole Location: Unit:N Lot:N Section:19 Township:15S Range:29E Feet from:330 N/S Line:S Feet from:1650 E/W Line:W				
		6. latitude: longitude: 32.9950522190688 - 104.07126985305				
		7. County: Chaves				
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: 2/8/2013 Frac Performed by: Elite Well Service LLC		12. Production Type: O				
13. Pool Code(s): 52770		14. Gross Fractured Interval: 2,931 ft to 3,214 ft				
15. True Vertical Depth (TVD): 3,460 ft		16. Total Volume of Fluid Pumped: 10,572 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%	90.96821%
Sand (Proppant)		Proppant	Silicon Dioxide	14808-60-7	100%	6.03415%
Ferriplex 66	Chemplex, LC	Iron Control	Acetic Acid	64-19-7	50%	0.00118%
			Citric Acid	77-92-9	30%	0.00071%
Greenhib 679	Chemplex, LC	Scale Inhibitor	Water	7732-18-5	35%	0.00083%
			Glycerine	56-81-5	35%	0.03797%
			Trade Secret	Trade Secret	35%	0.03797%
Plexcide 24B	Chemplex, LC	Biocide	Water	7732-18-5	50%	0.05424%
			Tetrahydro-3,5-Dimethyl-2H, 1,3,5-Thiadiazine-2-Thione	533-73-2	24%	0.01287%
			Sodium Hydroxide	1310-73-2	12%	0.00644%
Plexhib 256	Chemplex, LC	Corrosion Inhibitor	Water	7732-18-5	72%	0.03861%
			Methyl Alcohol	64-56-1	70%	0.00049%
			Propargyl Alcohol	107-19-7	8%	6E-05%
			Thiourea-Formaldehyde Copolymer	68527-49-1	30%	0.00021%
			Alcohol Ethoxylate Surfactants	Trade Secret	30%	0.00021%
Plexslick 921 E	Chemplex, LC	Friction Reducer	N-Olefins	Trade Secret	10%	7E-05%
			Hydrotreated Petroleum Distillate	64742-47-8	30%	0.08899%
			Polacrylamide-co-acrylic acid	9003-06-9	32%	0.09492%
			Water	7732-18-5	35%	0.10382%
Plexsurf 240 E	Chemplex, LC	Surfactant	Alcohol Ethoxylate Surfactants	Trade Secret	8%	0.02373%
			Methyl Alcohol	67-56-1	20%	8E-05%
			Alcohol Ethoxylate Surfactants	Trade Secret	20%	8E-05%
Ultra Gel 950	Chemplex, LC	Gelling Agent	Water	7732-18-5	80%	0.00032%
			Cinnamic Aldehyde	104-55-2	3%	1E-05%
			Alkoxyate Amines	Traade Secret	40%	0.00014%
			Methyl Alcohol	67-56-1	50%	0.00018%
			Acetic Acid	64-19-7	20%	7E-05%
15% Hydrochloric Acid	CNR	Acid	Water	7732-18-5	5%	2E-05%
			36% Hydrochloric Acid	7647-01-0	38%	0.01867%
			Water	7732-18-5	62%	0.03046%
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: 2/18/2013						
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.						