Submit within 45 days of well	completion	Stat	e of New Mexi	CO	-	1 WELL ADINO		Revised I	November 6, 2013	
	_					1. WELL API NO. 30-01	15-44063			
	Energy, Minerals and Natural Resources						2. Well Name:			
Oil Conservation Division						FOREHAND RANCH 22 STATE #009H 3. Well Number:				
		1220	S. St Francis	Dr		009H				
		San	ita Fe, NM 875	05						
HYDRAULIC FI	RACTURING	FLUID				4. Surface Hole I			D27E	
DISCLOSURE						Unit:K Lot:K Feet from:2310		ownship:23S I/S Line:S	Range:27E	
						Feet from:2030		/W Line:W		
⊠ Original						Unit:N Lot:N		Fownship:23S	Range:27E	
□ Amendment						Feet from:338		N/S Line:S		
						Feet from:887 6. latitude:		E/W Line:W ongitude:		
							89571	-104.	179923	
						7. County: Eddy				
Operator Name and Address						0.40000			00 000 7404	
CAZA OPERATIN					9. OGRID:	249099	10. Phone Numb	per: 4	32-682-7424	
200 N LORAINE										
STE 1550 MIDLAND 79701										
					12. Production	Type:	I			
13. Pool Code(s):					G 14. Gross Frac	ctured Interval:				
98220						0,078 ft to 16,671 ft				
15. True Vertical Depth (TVD): 9,801 ft						olume of Fluid Pumped: 15,755,353 gals				
17. Total Volume of Re-Use Water Pumped:						cent of Re-Use Water in Fluid Pumped:  Not Disclosed				
N/A 19. <b>HYDRAULIC FLUIC</b>	COMPOSITION	AND CONCENTRA	ATION:		INC	LDISCIOSEG				
Trade Name	Supplier	Purpose	Ingredients		mical Abstract	Maximum Ingre		Maximum Ing		
				Service #		Concentration i	in Additive (% by	by mass)	n in HF Fluid (%	
						mass)				
Water	Operator	Carrier	Water	7732-18-5		mass)	100%			
Water FRP-4K	Operator Liberty Oilfield	Carrier Friction Reducer	Petroluem Distillates	64742-47-8		mass)	22%		89.307% 0.01951% 0.00133%	
					9	mass				
			Petroluem Distillates Ethoxylated Alcohol	64742-47-8 68439-50-9	) 2	mass)	22% 1.5%		0.01951% 0.00133%	
FRP-4K	Liberty Oilfield	Friction Reducer	Petroluem Distillates Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ammonium Chloride	64742-47-8 68439-50-9 68551-12-2 84133-50-6 12125-02-9	9 2 6 9	mass)	22% 1.5% 1.5% 1.5% 1%		0.01951% 0.00133% 0.00133% 0.00089% 0.00976%	
		Friction Reducer Permanent Clay	Petroluem Distillates Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ammonium Chloride Non Hazardous	64742-47-8 68439-50-9 68551-12-2 84133-50-6	9 2 6 9	midssy	22% 1.5% 1.5% 1%		0.01951% 0.00133% 0.00133% 0.00089%	
FRP-4K	Liberty Oilfield	Friction Reducer	Petroluem Distillates Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ammonium Chloride Non Hazardous Proprietary Salts Calcium Chloride	64742-47-8 68439-50-9 68551-12-2 84133-50-6 12125-02-9	9 2 5 9	midssy	22% 1.5% 1.5% 1.5% 1%		0.01951% 0.00133% 0.00133% 0.00089% 0.00976%	
FRP-4K	Liberty Oilfield	Friction Reducer Permanent Clay	Petroluem Distillates Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ammonium Chloride Non Hazardous Proprietary Salts Calcium Chloride 2,2-dibromo-3-	64742-47-8 68439-50-9 68551-12-2 84133-50-6 12125-02-9 Proprietary	9 2 5 9	massy	22% 1.5% 1.5% 1.5% 1% 30%		0.01951% 0.00133% 0.00133% 0.00089% 0.00976% 0.03245%	
FRP-4K CSA-23 Bioclear 5000	Liberty Oilfield  Liberty Oilfield  Lubrizol	Permanent Clay Stabilizer Biocide	Petroluem Distillates Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ammonium Chloride Non Hazardous Proprietary Salts Calcium Chloride 2,2-dibromo-3- nitrilopropionamide	64742-47-8 68439-50-9 68551-12-2 84133-50-6 12125-02-9 Proprietary	9 2 5 9	midssy	22% 1.5% 1.5% 1.5% 1% 30%		0.01951% 0.00133% 0.00133% 0.00089% 0.00976% 0.03245% 0.01082%	
FRP-4K CSA-23	Liberty Oilfield  Liberty Oilfield	Friction Reducer  Permanent Clay Stabilizer	Petroluem Distillates Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ammonium Chloride Non Hazardous Proprietary Salts Calcium Chloride 2,2-dibromo-3- nitrilopropionamide Proprietary	64742-47-6 68439-50-9 68551-12-2 84133-50-6 12125-02-9 Proprietary 10043-52-4 10222-01-2	9 2 5 9	midssy	22% 1.5% 1.5% 1% 11% 30% 10%		0.01951% 0.00133% 0.00133% 0.00089% 0.00976% 0.03245% 0.01082% 0.00125%	
FRP-4K  CSA-23  Bioclear 5000  SAFE BFH  XLB-88	Liberty Oilfield  Liberty Oilfield  Lubrizol  Liberty Oilfield  Liberty Oilfield	Permanent Clay Stabilizer Biocide High pH Buffer Crosslinker	Petroluem Distillates Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ammonium Chloride Non Hazardous Proprietary Salts Calcium Chloride 2,2-dibromo-3- nitrilopropionamide Proprietary Ethylene Glycol Borate Salt	64742-47-8 68439-50-9 68551-12-2 84133-50-6 12125-02-9 Proprietary 10043-52-4 10222-01-2 Proprietary 107-21-1 1303-96-4	9 2 5 9	ilidas	22% 1.5% 1.5% 1.5% 11% 30% 110% 10% 55% 30%		0.01951% 0.00133% 0.00133% 0.00089% 0.00976% 0.03245%  0.01082% 0.00125%  0.00159% 0.0013% 0.00071%	
FRP-4K  CSA-23  Bioclear 5000  SAFE BFH	Liberty Oilfield  Liberty Oilfield  Lubrizol  Liberty Oilfield	Permanent Clay Stabilizer Biocide High pH Buffer	Petroluem Distillates Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ammonium Chloride Non Hazardous Proprietary Salts Calcium Chloride 2,2-dibromo-3- nitrilopropionamide Proprietary Ethylene Glycol Borate Salt Ammonium Persulfate	64742-47-6 68439-50-9 68551-12-2 84133-50-6 12125-02-9 Proprietary 10043-52-4 10222-01-2 Proprietary 107-21-1 1303-96-4 7727-54-0	9 2 5 9	midssy	22% 1.5% 1.5% 1.5% 1.9% 111% 30% 10% 10% 55% 30% 75%		0.01951% 0.00133% 0.00133% 0.00089% 0.00976% 0.03245% 0.01082% 0.00125% 0.00159% 0.0013% 0.00071% 0.00025%	
FRP-4K  CSA-23  Bioclear 5000  SAFE BFH  XLB-88	Liberty Oilfield  Liberty Oilfield  Lubrizol  Liberty Oilfield  Liberty Oilfield	Permanent Clay Stabilizer Biocide High pH Buffer Crosslinker	Petroluem Distillates Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ammonium Chloride Non Hazardous Proprietary Salts Calcium Chloride 2,2-dibromo-3- nitrilopropionamide Proprietary Ethylene Glycol Borate Salt Ammonium Persulfate Acrylic Copolymer	64742-47-6 68439-50-9 68551-12-2 84133-50-6 12125-02-9 Proprietary 10043-52-2 10222-01-2 Proprietary 107-21-1 1303-96-4 7727-54-0 Proprietary	9 2 3 3 9	massy	22% 1.5% 1.5% 1.5% 1.1% 30% 10% 10% 55% 30% 75% 20%		0.01951% 0.00133% 0.00133% 0.00089% 0.00976% 0.03245%  0.01082% 0.00125%  0.00159% 0.0013% 0.00071% 0.0025% 7E-05%	
FRP-4K  CSA-23  Bioclear 5000  SAFE BFH  XLB-88	Liberty Oilfield  Liberty Oilfield  Lubrizol  Liberty Oilfield  Liberty Oilfield	Permanent Clay Stabilizer Biocide High pH Buffer Crosslinker	Petroluem Distillates Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ammonium Chloride Non Hazardous Proprietary Salts Calcium Chloride 2,2-dibromo-3- nitrilopropionamide Proprietary Ethylene Glycol Borate Salt Ammonium Persulfate Acrylic Copolymer Proprietary	64742-47-6 68439-50-9 68551-12-2 84133-50-6 12125-02-9 Proprietary 10043-52-2 10222-01-2 Proprietary 107-21-1 1303-96-4 7727-54-0 Proprietary Proprietary	9 2 3 3 9	massy	22% 1.5% 1.5% 1.5% 1.1% 30% 10% 10% 55% 30% 75% 20% 6%		0.01951% 0.00133% 0.00133% 0.00089% 0.00976% 0.03245%  0.01082% 0.00125%  0.00159% 0.00137% 0.00071% 0.0025% 7E-05% 2E-05%	
FRP-4K  CSA-23  Bioclear 5000  SAFE BFH  XLB-88	Liberty Oilfield  Liberty Oilfield  Lubrizol  Liberty Oilfield  Liberty Oilfield	Permanent Clay Stabilizer Biocide High pH Buffer Crosslinker	Petroluem Distillates Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ammonium Chloride Non Hazardous Proprietary Salts Calcium Chloride 2,2-dibromo-3- nitrilopropionamide Proprietary Ethylene Glycol Borate Salt Ammonium Persulfate Acrylic Copolymer	64742-47-6 68439-50-9 68551-12-2 84133-50-6 12125-02-9 Proprietary 10043-52-2 10222-01-2 Proprietary 107-21-1 1303-96-4 7727-54-0 Proprietary	9 2 3 3 9	massy	22% 1.5% 1.5% 1.5% 1.1% 30% 10% 10% 55% 30% 75% 20%		0.01951% 0.00133% 0.00133% 0.00089% 0.00976% 0.03245%  0.01082% 0.00125%  0.00159% 0.0013% 0.00071% 0.0025% 7E-05%	
FRP-4K  CSA-23  Bioclear 5000  SAFE BFH  XLB-88	Liberty Oilfield  Liberty Oilfield  Lubrizol  Liberty Oilfield  Liberty Oilfield	Permanent Clay Stabilizer Biocide High pH Buffer Crosslinker	Petroluem Distillates Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ammonium Chloride Non Hazardous Proprietary Salts Calcium Chloride 2,2-dibromo-3- nitrilopropionamide Proprietary Ethylene Glycol Borate Salt Ammonium Persulfate Acrylic Copolymer Proprietary Diethylene Glycol	64742-47-6 68439-50-9 68551-12-2 84133-50-6 12125-02-9 Proprietary 10043-52-4 10222-01-2 Proprietary 107-21-1 1303-96-4 7727-54-0 Proprietary Proprietary 112-34-5	9 2 3 3 9 4 2	massy	22% 1.5% 1.5% 1.5% 1.1% 30% 10% 10% 55% 30% 75% 20% 6%		0.01951% 0.00133% 0.00133% 0.00089% 0.00976% 0.03245%  0.01082% 0.00125% 0.00159% 0.0013% 0.00071% 0.0025% 7E-05% 2E-05% 0.06549%	
FRP-4K  CSA-23  Bioclear 5000  SAFE BFH  XLB-88  BLE-18	Liberty Oilfield  Liberty Oilfield  Lubrizol  Liberty Oilfield  Liberty Oilfield  Liberty Oilfield  Liberty Oilfield	Permanent Clay Stabilizer  Biocide  High pH Buffer Crosslinker  Gel Breaker	Petroluem Distillates Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ammonium Chloride Non Hazardous Proprietary Salts Calcium Chloride 2,2-dibromo-3- nitrilopropionamide Proprietary Ethylene Glycol Borate Salt Ammonium Persulfate Acrylic Copolymer Proprietary Diethylene Glycol Monobutyl Ether Hydrochloric Acid Water	64742-47-6 68439-50-9 68551-12-2 84133-50-6 12125-02-9 Proprietary 10043-52-4 10222-01-2 Proprietary 107-21-1 1303-96-4 7727-54-0 Proprietary Proprietary 112-34-5 7647-01-0 7732-18-5	9 2 3 3 9 4 2	Illidas	22% 1.5% 1.5% 1.5% 1.1% 30% 10% 10% 55% 30% 75% 6% 5%		0.01951% 0.00133% 0.00133% 0.00089% 0.00976% 0.03245%  0.01082% 0.00125% 0.00159% 0.0013% 0.00071% 0.0025% 7E-05% 2E-05% 0.06549% 0.37112%	
FRP-4K  CSA-23  Bioclear 5000  SAFE BFH  XLB-88  BLE-18  HCL-15  LGA-3J	Liberty Oilfield	Permanent Clay Stabilizer  Biocide  High pH Buffer Crosslinker  Gel Breaker  Solvent  Guar Slurry	Petroluem Distillates Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ammonium Chloride Non Hazardous Proprietary Salts Calcium Chloride 2,2-dibromo-3- nitrilopropionamide Proprietary Ethylene Glycol Borate Salt Ammonium Persulfate Acrylic Copolymer Proprietary Diethylene Glycol Monobutyl Ether Hydrochloric Acid Water White Mineral Oil	64742-47-6 68439-50-9 68551-12-2 84133-50-6 12125-02-9 Proprietary 10043-52-4 10222-01-2 Proprietary 107-21-1 1303-96-4 7727-54-0 Proprietary 112-34-5 7647-01-0 7732-18-5 8042-47-5	9 2 3 3 9	Illidas	22% 1.5% 1.5% 1.5% 1.1% 30% 10% 10% 55% 30% 75% 20% 6% 5% 15% 65%		0.01951% 0.00133% 0.00133% 0.00089% 0.00976% 0.03245%  0.01082% 0.00125% 0.00159% 0.0013% 0.00071% 0.0025% 7E-05% 2E-05% 2E-05% 0.06549% 0.37112% 0.02844%	
FRP-4K  CSA-23  Bioclear 5000  SAFE BFH  XLB-88  BLE-18	Liberty Oilfield  Liberty Oilfield  Lubrizol  Liberty Oilfield  Liberty Oilfield  Liberty Oilfield  Liberty Oilfield	Permanent Clay Stabilizer  Biocide  High pH Buffer Crosslinker  Gel Breaker	Petroluem Distillates Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ammonium Chloride Non Hazardous Proprietary Salts Calcium Chloride 2,2-dibromo-3- nitrilopropionamide Proprietary Ethylene Glycol Borate Salt Ammonium Persulfate Acrylic Copolymer Proprietary Diethylene Glycol Monobutyl Ether Hydrochloric Acid Water	64742-47-6 68439-50-9 68551-12-2 84133-50-6 12125-02-9 Proprietary 10043-52-4 10222-01-2 Proprietary 107-21-1 1303-96-4 7727-54-0 Proprietary Proprietary 112-34-5 7647-01-0 7732-18-5	9 2 3 3 9	Illidas	22% 1.5% 1.5% 1.5% 1.1% 30% 10% 10% 55% 30% 75% 6% 5%		0.01951% 0.00133% 0.00133% 0.00089% 0.00976% 0.03245%  0.01082% 0.00125% 0.00159% 0.0013% 0.00071% 0.0025% 7E-05% 2E-05% 0.06549% 0.37112%	
FRP-4K  CSA-23  Bioclear 5000  SAFE BFH  XLB-88  BLE-18  HCL-15  LGA-3J  Liberty Clean Out Fluid	Liberty Oilfield	Permanent Clay Stabilizer  Biocide  High pH Buffer Crosslinker  Gel Breaker  Solvent  Guar Slurry Cleanup Solution	Petroluem Distillates Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ammonium Chloride Non Hazardous Proprietary Salts Calcium Chloride 2,2-dibromo-3- nitrilopropionamide Proprietary Ethylene Glycol Borate Salt Ammonium Persulfate Acrylic Copolymer Proprietary Diethylene Glycol Monobutyl Ether Hydrochloric Acid Water White Mineral Oil Oxygenate and Paraffinic Stream C.I. Solvent Yellow 33	64742-47-8 68439-50-9 68551-12-2 84133-50-6 12125-02-9 Proprietary 10043-52-4 10222-01-2 Proprietary 107-21-1 1303-96-4 7727-54-0 Proprietary 112-34-5 8042-47-5 8042-47-5 876065-86	-0 -0	Illidas	22% 1.5% 1.5% 1.5% 1.1% 30% 10% 10% 55% 30% 75% 20% 6% 55% 65% 99%		0.01951% 0.00133% 0.00133% 0.00089% 0.00976% 0.03245%  0.01082% 0.00125% 0.00159% 0.00071% 0.0025% 7E-05% 2E-05% 2E-05% 0.06549% 0.37112% 0.028444% 0.00035%	
FRP-4K  CSA-23  Bioclear 5000  SAFE BFH  XLB-88  BLE-18  HCL-15  LGA-3J	Liberty Oilfield	Permanent Clay Stabilizer  Biocide  High pH Buffer Crosslinker  Gel Breaker  Solvent  Guar Slurry	Petroluem Distillates Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ammonium Chloride Non Hazardous Proprietary Salts Calcium Chloride 2,2-dibromo-3- nitrilopropionamide Proprietary Ethylene Glycol Borate Salt Ammonium Persulfate Acrylic Copolymer Proprietary Diethylene Glycol Monobutyl Ether Hydrochloric Acid Water White Mineral Oil Oxygenate and Paraffinic Stream C.I. Solvent Yellow 33 Crystalline Silica	64742-47-6 68439-50-9 68551-12-2 84133-50-6 12125-02-9 Proprietary 10043-52-4 10222-01-2 Proprietary 107-21-1 1303-96-4 7727-54-0 Proprietary 112-34-5 8042-47-5 876065-86 8003-22-3 14808-60-7	-0 -0	Illidas	22% 1.5% 1.5% 1.9% 11% 30% 10% 10% 55% 30% 75% 20% 6% 5% 65% 99%		0.01951% 0.00133% 0.00133% 0.00089% 0.00976% 0.03245% 0.01082% 0.00125% 0.00159% 0.0013% 0.00071% 0.0025% 7E-05% 2E-05% 2E-05% 0.06549% 0.37112% 0.02844% 0.00035%	
FRP-4K  CSA-23  Bioclear 5000  SAFE BFH  XLB-88  BLE-18  HCL-15  LGA-3J  Liberty Clean Out Fluid	Liberty Oilfield	Permanent Clay Stabilizer  Biocide  High pH Buffer Crosslinker  Gel Breaker  Solvent  Guar Slurry Cleanup Solution	Petroluem Distillates Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ammonium Chloride Non Hazardous Proprietary Salts Calcium Chloride 2,2-dibromo-3- nitrilopropionamide Proprietary Ethylene Glycol Borate Salt Ammonium Persulfate Acrylic Copolymer Proprietary Diethylene Glycol Monobutyl Ether Hydrochloric Acid Water White Mineral Oil Oxygenate and Paraffinic Stream C.I. Solvent Yellow 33 Crystalline Silica Phenol-Formaldehyde	64742-47-8 68439-50-9 68551-12-2 84133-50-6 12125-02-9 Proprietary 10043-52-4 10222-01-2 Proprietary 107-21-1 1303-96-4 7727-54-0 Proprietary 112-34-5 8042-47-5 8042-47-5 876065-86	-0 -0	Illidas	22% 1.5% 1.5% 1.5% 1.1% 30% 10% 10% 55% 30% 75% 20% 6% 55% 65% 99%		0.01951% 0.00133% 0.00133% 0.00089% 0.00976% 0.03245% 0.01082% 0.00125% 0.00159% 0.0013% 0.00071% 0.0025% 7E-05% 2E-05% 2E-05% 0.06549% 0.37112% 0.02844% 0.00035%	
FRP-4K  CSA-23  Bioclear 5000  SAFE BFH  XLB-88  BLE-18  HCL-15  LGA-3J  Liberty Clean Out Fluid	Liberty Oilfield	Permanent Clay Stabilizer  Biocide  High pH Buffer Crosslinker  Gel Breaker  Solvent  Guar Slurry Cleanup Solution	Petroluem Distillates Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ammonium Chloride Non Hazardous Proprietary Salts Calcium Chloride 2,2-dibromo-3- nitrilopropionamide Proprietary Ethylene Glycol Borate Salt Ammonium Persulfate Acrylic Copolymer Proprietary Diethylene Glycol Monobutyl Ether Hydrochloric Acid Water White Mineral Oil Oxygenate and Paraffinic Stream C.I. Solvent Yellow 33 Crystalline Silica	64742-47-6 68439-50-9 68551-12-2 84133-50-6 12125-02-9 Proprietary 10043-52-4 10222-01-2 Proprietary 107-21-1 1303-96-4 7727-54-0 Proprietary 112-34-5 7647-01-0 7732-18-5 8042-47-5 876065-86	-0 -0	Illidas	22% 1.5% 1.5% 1.9% 11% 30% 10% 10% 55% 30% 75% 20% 6% 5% 65% 99%		0.01951% 0.00133% 0.00133% 0.00089% 0.00976% 0.03245%  0.01082% 0.00125% 0.00159% 0.00071% 0.0025% 7E-05% 2E-05% 2E-05% 0.06549% 0.37112% 0.028444% 0.00035%	
FRP-4K  CSA-23  Bioclear 5000  SAFE BFH  XLB-88  BLE-18  HCL-15  LGA-3J  Liberty Clean Out Fluid  Santrol RCS	Liberty Oilfield	Permanent Clay Stabilizer  Biocide  High pH Buffer Crosslinker  Gel Breaker  Solvent  Guar Slurry Cleanup Solution	Petroluem Distillates Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ammonium Chloride Non Hazardous Proprietary Salts Calcium Chloride 2,2-dibromo-3- nitrilopropionamide Proprietary Ethylene Glycol Borate Salt Ammonium Persulfate Acrylic Copolymer Proprietary Diethylene Glycol Monobutyl Ether Hydrochloric Acid Water White Mineral Oil Oxygenate and Paraffinic Stream C.I. Solvent Yellow 33 Crystalline Silica Phenol-Formaldehyde Novolak Resin Hexamethyleneteramine Crystalline Silica in the	64742-47-6 68439-50-9 68551-12-2 84133-50-6 12125-02-9 Proprietary 10043-52-4 10222-01-2 Proprietary 107-21-1 1303-96-4 7727-54-0 Proprietary 112-34-5 7647-01-0 7732-18-5 8042-47-5 876065-86	-0 7	Illidas	22% 1.5% 1.5% 1.5% 1.1% 30% 10% 10% 10% 55% 30% 75% 20% 6% 5% 99% 15% 85% 99%		0.01951% 0.00133% 0.00133% 0.00089% 0.00976% 0.03245% 0.01082% 0.00125% 0.00159% 0.00133% 0.00071% 0.0025% 7E-05% 2E-05% 2E-05% 0.06549% 0.37112% 0.02844% 0.00035% 0.70479% 0.03633%	
FRP-4K  CSA-23  Bioclear 5000  SAFE BFH  XLB-88  BLE-18  HCL-15  LGA-3J  Liberty Clean Out Fluid	Liberty Oilfield  Liberty Oilfield	Permanent Clay Stabilizer Biocide High pH Buffer Crosslinker Gel Breaker  Solvent Guar Slurry Cleanup Solution  Proppant Sand	Petroluem Distillates Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ethoxylated Alcohol Ammonium Chloride Non Hazardous Proprietary Salts Calcium Chloride 2,2-dibromo-3- nitrilopropionamide Proprietary Ethylene Glycol Borate Salt Ammonium Persulfate Acrylic Copolymer Proprietary Diethylene Glycol Monobutyl Ether Hydrochloric Acid Water White Mineral Oil Oxygenate and Paraffinic Stream C.I. Solvent Yellow 33 Crystalline Silica Phenol-Formaldehyde Novolak Resin Hexamethyleneteramine Crystalline Silica in the form of Quartz	64742-47-6 68439-50-9 68551-12-2 84133-50-6 12125-02-9 Proprietary 10043-52-2 10222-01-2 Proprietary 107-21-1 1303-96-4 7727-54-0 Proprietary 112-34-5 8042-47-5 876065-86 8003-22-3 14808-60-7 9003-35-4	-0 7		22% 1.5% 1.5% 1.5% 1.1% 30% 10% 10% 10% 55% 56% 99% 15% 97% 5%		0.01951% 0.00133% 0.00133% 0.00089% 0.00976% 0.03245%  0.01082% 0.00125% 0.00159% 0.0013% 0.00071% 0.0025% 7E-05% 2E-05% 2E-05% 0.06549% 0.37112% 0.02844% 0.00035% 0.70479% 0.03633%	

E-mail Address: steve.morris@mojoenergy.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.

Date:

1/31/2018