

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: 30-015-41281							
		2. Well Name: POKER LAKE UNIT #441H							
		3. Well Number: 441H							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit: O Lot: O Section: 18 Township: 24S Range: 30E Feet from: 1281 N/S Line: S Feet from: 2401 E/W Line: E							
		5. Bottom Hole Location: Unit: O Lot: O Section: 18 Township: 24S Range: 30E Feet from: 1281 N/S Line: S Feet from: 2401 E/W Line: E							
		6. Latitude: 32.2138388126184 Longitude: 103.920039211531							
		7. County: Eddy							
8. Operator Name and Address: BOPCO, L.P. 6 Desta Drive, Ste 3700 P. O. Box 2760 Midland 79702		9. OGRID: 260737	10. Phone Number: 432-683-2277						
11. Last Fracture Date: 2/5/2014 Frac Performed by: Baker Hughes		12. Production Type: O							
13. Pool Code(s): 47545		14. Gross Fractured Interval: Confidential							
15. True Vertical Depth (TVD): 16,648 ft		16. Total Volume of Fluid Pumped: 1,642,032 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	Operator	Carrier	Water	7732-18-5	100%	66.39024%			
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	1.29063%			
			Water	7732-18-5	85%	7.31355%			
Alpha 125	Baker Hughes	Biocide	Water	7732-18-5	75%	0.03492%			
Alpha 114, 260 gl tote	Baker Hughes	Biocide	Glutaraldehyde	111-30-8	30%	0.01112%			
			Quaternary Ammonium Compound	68424-85-1	5%	0.00185%			
GBW-5	Baker Hughes	Breaker	Ammonium persulphate	7727-54-0	100%	0.00165%			
Enzyme G-IV	Baker Hughes	Breaker	Contains non-hazardous ingredients which are listed in in the non-MSDS section of the report	N.A.	0%	0%			
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	100%	0.01164%			
BF-8L	Baker Hughes	Buffer	Monoethanolamine	141-43-5	100%	0.06725%			
BF-10L	Baker Hughes	Buffer	Acetic Acid	64-19-7	30%	0.008%			
			Acetic Anhydride	108-24-7	30%	0.008%			
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.00393%			
			Methanol	67-56-1	60%	0.00786%			
			Olefin	Trade Secret	5%	0.00065%			
			Polyoxyalkylenes	Trade Secret	30%	0.00393%			
			Propargyl Alcohol	107-19-7	10%	0.00131%			
			Thiourea Polymer	68527-49-1	30%	0.00393%			
XLW-60, 55 gl drum	Baker Hughes	Crosslinker	Isopropanol	67-63-0	30%	0.01093%			
FRP-1	Baker Hughes	Friction Reducer	No Hazardous Ingredients	NA	100%	0.10184%			
GW-38LBF	Baker Hughes	Gelling Agent	Guar Gum, Substituted	68130-15-4	60%	0.67877%			
			Paraffinic Petroleum Distillate	64742-55-8	60%	0.67877%			
			Petroleum Distillates	64742-47-8	60%	0.67877%			
NE-35, 55 gl drum	Baker Hughes	Non-emulsifier	Mixture of Surfactants	Trade Secret	50%	0.09217%			
			Propylene Glycol	57-55-6	30%	0.0553%			
Sand, White, 30/50	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	10.85787%			
Sand, White, 40/70	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	3.72478%			
Preferred Garnet RC 20/40	Baker Hughes	Proppant	Castor Oil	8001-79-4	5%	0.35819%			
			Crystalline Silica (Quartz)	14808-60-7	100%	7.16384%			
Scaletrol 720	Baker Hughes	Scale Inhibitor	Calcium Chloride	10043-52-4	5%	0.00539%			
			Ethylene Glycol	107-21-1	30%	0.03235%			
Flo-Back 40	Baker Hughes	Surfactant	Amphoteric Surfactant	Trade Secret	40%	0.04385%			
Ingredients shown above are subject to 29 CFR 1910			2-Hydroxypropanoic Acid	50-21-5	0%	0%			
			Ammonium Sulfate	7783-20-2	0%	0.0203676%			
			Cured Resin	Trade Secret	0%	0.0027931%			
			Ethanol	64-17-5	0%	0.0001112%			
			Formaldehyde	50-00-0	0%	6.5E-06%			
			Glutaraldehyde	111-30-8	0%	0.013969%			
			Glycerin	56-81-5	0%	0%			
			Hemicellulase Enzyme Concentrate	9025-56-3	0%	1.67E-05%			
			Methanol	67-56-1	0%	0.0001683%			
			Polyacrylate	Trade Secret	0%	0.0215646%			
			Potassium Chloride	7447-40-7	0%	5.39E-05%			
			Sodium Bicarbonate	144-55-8	0%	0.0282821%			
			Sodium Chloride	7647-14-5	0%	0.0329847%			
			Triethanolamine	102-71-6	0%	0%			
			Triisopropanolamine	122-20-3	0%	0%			
			Water	7732-18-5	0%	0.2364143%			
			Zirconium Basic Sulfate	62010-10-0	0%	0%			
			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: Rosie Cobos Title: Engineering Tech						
			Date: 3/24/2014						
E-mail Address: rcobos@basspet.com									

NMOCDD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCDD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.