

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: 30-015-41136						
		2. Well Name: POKER LAKE UNIT #409H						
		3. Well Number: 409H						
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:M Lot:M Section:22 Township:24S Range:31E Feet from:700 N/S Line:S Feet from:550 E/W Line:W						
		5. Bottom Hole Location: Unit:M Lot:M Section:22 Township:24S Range:31E Feet from:700 N/S Line:S Feet from:550 E/W Line:W						
		6. Latitude: 32.1974723918054 Longitude: -103.772402743912						
		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: 12/25/2013 Frac Performed by: Baker Hughes		12. Production Type: O						
13. Pool Code(s): 96047		14. Gross Fractured Interval: Confidential						
15. True Vertical Depth (TVD): 8,222 ft		16. Total Volume of Fluid Pumped: 4,133,010 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%	92.00976%		
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.50334%		
			Water	7732-18-5	85%	2.85227%		
Alpha 125	Baker Hughes	Biocide	Water	7732-18-5	75%	0.01948%		
GBW-5	Baker Hughes	Breaker	Ammonium persulphate	7727-54-0	100%	0.0012%		
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.00168%		
			Methanol	67-56-1	60%	0.00335%		
			Olefin	Trade Secret	5%	0.00028%		
			Polyoxyalkylenes	Trade Secret	30%	0.00168%		
			Propargyl Alcohol	107-19-7	10%	0.00056%		
			Thiourea Polymer	68527-49-1	30%	0.00168%		
FRW-18	Baker Hughes	Friction Reducer	Petroleum Distillates	64742-47-8	30%	0.00037%		
FRP-1	Baker Hughes	Friction Reducer	No Hazardous Ingredients	Trade Secret	100%	0.0553%		
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	60%	0.14143%		
			Petroleum Distillate Blend (1)	64742-47-8	70%	0.165%		
			Petroleum Distillate Blend (3)	8042-47-5	70%	0.165%		
			Petroluerm Distillate Blend (2)	64742-55-8	70%	0.165%		
AG-12	Baker Hughes	Gelling Agent	Acrylic Polymers	26006-22-4	50%	0.00164%		
			Distillates, Petroleum, Hydrotreated Middle	64742-47-8	21.1%	0.00069%		
Ferrotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.00912%		
			Ammonium Hydroxide	1336-21-6	5%	0.00046%		
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Cupric Chloride	7447-39-4	5%	0.00046%		
			Mixture of Surfactants	Trade Secret	50%	0.00166%		
Sand, White, 20/40	Baker Hughes	Proppant	Propylene Glycol	57-55-6	30%	0.001%		
			Crystalline Silica (Quartz)	14808-60-7	100%	2.64344%		
Sand, White, 100 mesh	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	0.64187%		
LiteProp 125C, 14/30, 2000# bag	Baker Hughes	Proppant	Cured Resin	Trade Secret	18%	0.03364%		
Preferred Garnet RC 20/40	Baker Hughes	Proppant	Castor Oil	8001-79-4	5%	0.02407%		
			Crystalline Silica (Quartz)	14808-60-7	100%	0.48135%		
Flo-Back 40	Baker Hughes	Surfactant	Amphoteric Surfactant	Trade Secret	40%	0.01459%		
Ingredients shown above are subject to 29 CFR 1910			Ammonium Sulfate	7783-20-2	0%	0.0110596%		
			Ethoxylated Alcohol	Trade Secret	0%	2.45E-05%		
			Fatty Acid Esters	67701-32-0	0%	6.21E-05%		
			Fatty Acid Oxyalkylate	70142-34-6	0%	6.5E-06%		
			Formaldehyde	50-00-0	0%	2.8E-06%		
			Glutaraldehyde	111-30-8	0%	0.0077907%		
			Methanol	67-56-1	0%	6.49E-05%		
			Oxyalkylated Alkylphenol	9016-45-9	0%	5.89E-05%		
			Poly (acrylamide-co-acrylic acid)	Trade Secret	0%	0.0003681%		
			Salt	Trade Secret	0%	6.14E-05%		
			Sodium Chloride	7647-14-5	0%	0.010973%		
			Sorbitan Monooleate	Trade Secret	0%	6.14E-05%		
			Water	7732-18-5	0%	0.0280839%		
			Xylene	1330-20-7	0%	1.96E-05%		
			diester of sulfosuccinic acid sodium salt	2673-22-5	0%	1.64E-05%		
			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: 1/27/2014					
			E-mail Address: rcobos@basspet.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.