

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: 30-015-42112						
		2. Well Name: POKER LAKE UNIT #457						
		3. Well Number: 457						
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:P Lot:P Section:27 Township:25S Range:30E Feet from:560 N/S Line:S Feet from:950 E/W Line:E						
		5. Bottom Hole Location: Unit:P Lot:P Section:27 Township:25S Range:30E Feet from:560 N/S Line:S Feet from:950 E/W Line:E						
		6. latitude: longitude: 32.0954074087201 103.863559574836						
		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: 5/4/2014 Frac Performed by: Baker Hughes			12. Production Type: O					
13. Pool Code(s): 96620			14. Gross Fractured Interval: Confidential					
15. True Vertical Depth (TVD): 8,000 ft			16. Total Volume of Fluid Pumped: 2,094,708 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%	84.06979%		
X-Cide 207	Baker Hughes	Biocide	2-Methyl-4-Isothiazolin-3-One	2682-20-4	5%	3E-05%		
			5-Chloro-2-Methyl-4-Isothiazolin-3-One	26172-55-4	10%	6E-05%		
			Crystalline Silica: Cristobalite	14464-46-1	1%	1E-05%		
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	1E-05%		
			Diatomaceous Earth, Calcined	91053-39-3	60%	0.00035%		
			Magnesium Chloride	7786-30-3	5%	3E-05%		
			Magnesium Nitrate	10377-60-3	10%	6E-05%		
			Alpha 125	Baker Hughes	Biocide	Glutaraldehyde	111-30-8	30%
GBW-5	Baker Hughes	Breaker	Ammonium persulphate	7727-54-0	100%	0.00289%		
Enzyme G-I	Baker Hughes	Breaker	Contains non-hazardous ingredients which are listed in the non-MSDS section of the report	NA	0%	0%		
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	100%	0.00891%		
BF-7L	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.06765%		
ClayCare, ClayTreat-2C, 330 gl tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.07517%		
			Water	7732-18-5	30%	0.03007%		
XLW-10A	Baker Hughes	Crosslinker	Ethylene Glycol	107-21-1	30%	0.04426%		
			Sodium Hydroxide	1310-73-2	10%	0.01475%		
			Sodium Tetraborate Decahydrate	1303-96-4	30%	0.04426%		
FRW-18	Baker Hughes	Friction Reducer	Petroleum Distillates	64742-47-8	30%	0.01507%		
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	60%	0.32402%		
			Petroleum Distillate Blend (1)	64742-47-8	70%	0.37802%		
			Petroleum Distillate Blend (3)	8042-47-5	70%	0.37802%		
			Petroluem Distillate Blend (2)	64742-55-8	70%	0.37802%		
NE-945, tote	Baker Hughes	Non-emulsifier	Oxyalkylated alcohol	Trade Secret	5%	0.00415%		
Sand, Brown, 16/30	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	12.15596%		
Preferred Garnet RC 20/40	Baker Hughes	Proppant	Castor Oil	8001-79-4	5%	0.08142%		
			Crystalline Silica (Quartz)	14808-60-7	100%	1.62842%		
Ingredients shown above are subject to 29 CFR 1910			Alkoxylated Amine	Trade Secret	0%	0.0082979%		
			Alkylene Oxide Block Polymer	Trade Secret	0%	0.0094597%		
			Antifoam	Trade Secret	0%	1.66E-05%		
			Cured Resin	Trade Secret	0%	0.0021372%		
			Ethoxylated Alcohol	Trade Secret	0%	0.0010048%		
			Hemicellulase	9025-56-3	0%	0.0013341%		
			Enzyme Concentrate					
			Methanol	67-56-1	0%	6.5E-05%		
			Organic Sulfonic Acid	27176-87-0	0%	0.000166%		
			Poly (acrylamide-co-acrylic acid)	Trade Secret	0%	0.0150721%		
			Polyglycol	25322-68-3	0%	0.0015766%		
			Polyquaternary Amine	Trade Secret	0%	0.0009958%		
			Potassium Hydroxide	1310-58-3	0%	0.0011274%		
			Salt	Trade Secret	0%	0.002512%		
			Sodium Chloride	7647-14-5	0%	1.73E-05%		
			Sodium Nitrate	7631-99-4	0%	5.78E-05%		
			Sorbitan Monooleate	Trade Secret	0%	0.002512%		
			Water	7732-18-5	0%	0.2444833%		
			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: Emma Z Galindo		Title: Engineering Assistant	
			Date: 6/26/2014					
			E-mail Address: ezgalindo@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.