

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				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		1. WELL API NO: 30-015-41299				
		2. Well Name: POKER LAKE UNIT #440H				
		3. Well Number: 440H				
		4. Surface Hole Location: Unit:O Lot:O Section:18 Township:24S Range:30E Feet from:1310 N/S Line:S Feet from:2430 E/W Line:E				
5. Bottom Hole Location: Unit:O Lot:O Section:18 Township:24S Range:30E Feet from:1310 N/S Line:S Feet from:2430 E/W Line:E		6. latitude: 32.2139175550732 longitude: - 103.920133109366				
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: 1/31/2014 Frac Performed by: Baker Hughes		12. Production Type: O				
13. Pool Code(s): 47545		14. Gross Fractured Interval: Confidential				
15. True Vertical Depth (TVD): 9,890 ft		16. Total Volume of Fluid Pumped: 3,836,616 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%	83.29342%
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.57627%
			Water	7732-18-5	85%	3.26555%
Alpha 125	Baker Hughes	Biocide	Water	7732-18-5	75%	0.01108%
GBW-5	Baker Hughes	Breaker	Ammonium persulphate	7727-54-0	100%	0.00094%
Enzyme G-I	Baker Hughes	Breaker	Contains non-hazardous ingredients which are listed in in the non-MSDS section of the report	NA	100%	0.01672%
BF-9L, 300 gal tote	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.02267%
			Potassium Hydroxide	1310-58-3	30%	0.01134%
ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.01823%
			Water	7732-18-5	30%	0.00729%
CI-14	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	10%	0.00066%
			Methanol	67-56-1	100%	0.00661%
			Olefin	Trade Secret	5%	0.00033%
			Polyoxyalkylenes	Trade Secret	30%	0.00198%
			Propargyl Alcohol	107-19-7	5%	0.00033%
XLW-4	Baker Hughes	Crosslinker	Sodium Tetraborate	1303-96-4	30%	0.01239%
XLW-30AG, tote	Baker Hughes	Crosslinker	Petroleum Distillates	64742-47-8	60%	0.02424%
FRW-18	Baker Hughes	Friction Reducer	Petroleum Distillates	64742-47-8	30%	0.01201%
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	60%	0.27788%
			Petroleum Distillate Blend (1)	64742-47-8	70%	0.3242%
			Petroleum Distillate Blend (3)	8042-47-5	70%	0.3242%
			Petroluerm Distillate Blend (2)	64742-55-8	70%	0.3242%
Ferrotrol 262L	Baker Hughes	Iron Control	Hydrochloric Acid	7647-01-0	20%	0.00289%
			Stannous Chloride Dihydrate	10025-69-1	60%	0.00868%
NE-23, 55 gallon drum	Baker Hughes	Non-emulsifier	Isopropanol	67-63-0	30%	0.00099%
Sand, White, 30/50	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	2.7363%
Sand, White, 40/70	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	1.64061%
Preferred Garnet RC 20/40	Baker Hughes	Proppant	Castor Oil	8001-79-4	5%	0.32813%
			Crystalline Silica (Quartz)	14808-60-7	100%	6.56261%
ScaleSorb 7 (50 lb)	Baker Hughes	Scale Inhibitor	Crystalline Silica (Quartz)	14808-60-7	1%	0.00011%
			Diotomaceous Earth, Calcined	91053-39-3	100%	0.01146%
			Organo Phosphorus Salt	Trade Secret	30%	0.00344%
			Sodium Chloride	7647-14-5	10%	0.00115%
Flo-Back 40	Baker Hughes	Surfactant	Amphoteric Surfactant	Trade Secret	40%	0.01928%
Ingredients shown above are subject to 29 CFR 1910			Benzyl Chloride	100-44-7	0%	3.3E-05%
			Boric Oxide	1303-86-2	0%	0.012926%
			Ethoxylated Alcohol	Trade Secret	0%	0.0008008%
			Ethoxylated Nonylphenol	9016-45-9	0%	0.0001651%
			Formaldehyde	50-00-0	0%	6.61E-05%
			Glutaraldehyde	111-30-8	0%	0.0044313%
			Glycol Ether	Trade Secret	0%	0.0001651%
			Hemicellulase	9025-56-3	0%	0.0005015%
			Enzyme Concentrate			
			Hydrochloric Acid	7647-01-0	0%	6.61E-05%
			Methanol	67-56-1	0%	3.69E-05%
			Modified Thiorea Polymer	68527-49-1	0%	0.0004625%
			Olefin Sulfonate	Trade Secret	0%	0.001981%
			Organophilic Clay	Trade Secret	0%	0.0020197%
			Poly (acrylamide-co-acrylic acid)	Trade Secret	0%	0.0120121%
			Polyester	Trade Secret	0%	0.0004952%
			Polymeric Suspending Agent	Trade Secret	0%	0.0020197%
			Quaternary Amine Compounds	Trade Secret	0%	0.0009905%
			Salt	Trade Secret	0%	0.002002%
			Sodium Bisulfate	7631-90-5	0%	6.3E-05%
			Sodium Chloride	7647-14-5	0%	0.0144621%
			Sodium Sulfonate	870-72-4	0%	1.83E-05%
			Sorbitan Monooleate	Trade Secret	0%	0.002002%
			Surfactant	Trade Secret	0%	0.0004039%
			Water	7732-18-5	0%	0.0937128%
	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: 3/5/2014						
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.