

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 February 15, 2012				
		1. WELL API NO: 30-015-39930				
		2. Well Name: POKER LAKE UNIT #411H				
		3. Well Number: 411H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:B Lot:B Section:28 Township:24S Range:31E Feet from:1000 N/S Line:N Feet from:1850 E/W Line:E				
		5. Bottom Hole Location: Unit:B Lot:B Section:28 Township:24S Range:31E Feet from:1000 N/S Line:N Feet from:1850 E/W Line:E				
		6. Latitude: 32.1927959115893 Longitude: - 103.780194838541				
		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: 12/13/2012 Frac Performed by: Baker Hughes		12. Production Type: O				
13. Pool Code(s): 50386		14. Gross Fractured Interval: Confidential				
15. True Vertical Depth (TVD): 8,172 ft		16. Total Volume of Fluid Pumped: 37,540 bbls				
17. 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%	84.47177%
GBW-5	Baker Hughes	Breaker	Ammonium Phosphate	7727-54-0	100%	0.00675%
Enzyme G-I	Baker Hughes	Breaker	Hemicellulase Enzyme Concentrate	9025-56-3	3%	0.00257%
			Water	7732-18-5	97%	0.08315%
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	60%	0.00592%
			Crystalline Silica Quartz	14808-60-7	30%	0.00296%
ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.06808%
			Water	7732-18-5	30%	0.02723%
XLW-10A	Baker Hughes	Crosslinker	Ethylene Glycol	107-21-1	30%	0.04121%
			Sodium Hydroxide	1310-73-2	10%	0.01374%
			Sodium Tetraborate	1330-43-4	30%	0.04121%
FRW-20	Baker Hughes	Friction Reducer	Petroleum Distillates	64742-47-8	30%	0.00942%
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	60%	0.37638%
			Paraffinic Petroleum Distillate	64742-55-8	60%	0.37638%
			Petroleum Distillate	64742-47-8	60%	0.37638%
NE-945, tote	Baker Hughes	Non-emulsifier	Oxyalkylated alcohol	Trade Secret	5%	0.00411%
Sand, Brown, 16/30	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	11.3793%
Sand, White, 100 mesh	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	0.28427%
Preferred Garnet RC 16/30	Baker Hughes	Proppant	Castor Oil	8001-79-4	5%	0.11%
			Crystalline Silica (Quartz)	14808-60-7	98%	2.15601%
			Iron Oxide (colorant)	1309-37-1	1%	0.022%
Ingredients shown above are subject to 29 CFR 1910			Aliphatic Hydrocarbon	Trade Secret	0%	0.0073174%
			Alkoxylated Amine	Trade Secret	0%	0.0082299%
			Alkylene Oxide Block Polymer	Trade Secret	0%	0.0093821%
			Antifoam	Trade Secret	0%	1.65E-05%
			Cured Acrylic Resin	Trade Secret	0%	0.002959%
			Organic Sulfonic Acid	27176-87-0	0%	0.0001646%
			Oxyalkylated Alcohol	Trade Secret	0%	0.0006281%
			Polyglycol	25322-68-3	0%	0.0015637%
			Polyglycol Ester	Trade Secret	0%	0.0002826%
			Polyol Ester	Trade Secret	0%	0.0003455%
			Polyquaternary Amine	Trade Secret	0%	0.0009876%
			Sodium Chloride	7647-14-5	0%	0.0012562%
			Vinyl Copolymer	Trade Secret	0%	0.0087934%
			Water	7732-18-5	0%	0.0992441%
			18. 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: 1/2/2013						
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.						