

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. 30-015-41598				
		2. Well Name: PLU BIG SINKS 12 25 30 USA #001H				
		3. Well Number: 001H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:M Lot:M Section:1 Township:25S Range:30E Feet from:165 N/S Line:S Feet from:1160 E/W Line:W				
		5. Bottom Hole Location: Unit:M Lot:M Section:1 Township:25S Range:30E Feet from:165 N/S Line:S Feet from:1160 E/W Line:W				
		6. Latitude: Longitude: 32.152865022902 -103.839212310236				
		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: 2/15/2014 Frac Performed by: Baker Hughes		12. Production Type: O				
13. Pool Code(s): 97913		14. Gross Fractured Interval: Confidential				
15. True Vertical Depth (TVD): 9,348 ft		16. Total Volume of Fluid Pumped: 5,810,784 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%	89.71111%
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.35042%
			Water	7732-18-5	85%	1.98572%
Alpha 125	Baker Hughes	Biocide	Water	7732-18-5	75%	0.01683%
GBW-5	Baker Hughes	Breaker	Ammonium persulphate	7727-54-0	100%	0.0017%
ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.00071%
			Water	7732-18-5	30%	0.00028%
CI-14	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	10%	0.00043%
			Methanol	67-56-1	100%	0.00435%
			Olefin	Trade Secret	5%	0.00022%
			Polyoxyalkylenes	Trade Secret	30%	0.0013%
			Propargyl Alcohol	107-19-7	5%	0.00022%
MaxPerm-20A, 265 gallon tote	Baker Hughes	Friction Reducer	Oxyalkylated Alcohol	Trade Secret	5%	0.00032%
			Petroleum Distillates	64742-47-8	30%	0.00192%
			Polyacrylate	Trade Secret	60%	0.00384%
			Sodium Chloride	7647-14-5	3%	0.00019%
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	60%	0.03429%
			Petroleum Distillate Blend (1)	64742-47-8	70%	0.04%
			Petroleum Distillate Blend (3)	8042-47-5	70%	0.04%
			Petroluem Distillate Blend (2)	64742-55-8	70%	0.04%
Ferrotrol 262L	Baker Hughes	Iron Control	Hydrochloric Acid	7647-01-0	20%	0.00194%
			Stannous Chloride Dihydrate	10025-69-1	60%	0.00582%
NE-23, 55 gallon drum	Baker Hughes	Non-emulsifier	Isopropanol	67-63-0	30%	0.00064%
Sand, White, 30/50	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	4.02461%
Sand, White, 40/70	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	2.17618%
Sand, White, 100 mesh	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	0.44517%
Preferred Garnet RC 20/40	Baker Hughes	Proppant	Castor Oil	8001-79-4	5%	0.04975%
			Crystalline Silica (Quartz)	14808-60-7	100%	0.99508%
ScaleSorb 7 (50 lb)	Baker Hughes	Scale Inhibitor	Crystalline Silica (Quartz)	14808-60-7	1%	4E-05%
			Diotomaceous Earth, Calcined	91053-39-3	100%	0.00361%
			Organo Phosphorus Salt	Trade Secret	30%	0.00108%
			Sodium Chloride	7647-14-5	10%	0.00036%
Flo-Back 40	Baker Hughes	Surfactant	Amphoteric Surfactant	Trade Secret	40%	0.01348%
Ingredients shown above are subject to 29 CFR 1910			Benzyl Chloride	100-44-7	0%	2.14E-05%
			Ethoxylated Nonylphenol	9016-45-9	0%	0.0001072%
			Formaldehyde	50-00-0	0%	4.35E-05%
			Glutaraldehyde	111-30-8	0%	0.0067302%
			Glycol Ether	Trade Secret	0%	0.0001072%
			Hydrochloric Acid	7647-01-0	0%	4.35E-05%
			Methanol	67-56-1	0%	5.61E-05%
			Modified Thiorea Polymer	68527-49-1	0%	0.0003045%
			Oleate Ester	1338-43-8	0%	0.000192%
			Olefin Sulfonate	Trade Secret	0%	0.0012858%
			Polyester	Trade Secret	0%	0.0003215%
			Polysorbate	9005-65-6	0%	0.000192%
			Quaternary Amine Compounds	Trade Secret	0%	0.0006429%
			Sodium Bisulfate	7631-90-5	0%	1.99E-05%
			Sodium Chloride	7647-14-5	0%	0.0101096%
			Sodium Sulfonate	870-72-4	0%	5.8E-06%
			Water	7732-18-5	0%	0.0281928%
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.