

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. 30-015-40936						
		2. Well Name: PLU BIG SINKS 15 24 30 USA #001H						
		3. Well Number: 001H						
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:P Lot:P Section:15 Township:24S Range:30E Feet from:450 N/S Line:S Feet from:770 E/W Line:E						
		5. Bottom Hole Location: Unit:P Lot:P Section:15 Township:24S Range:30E Feet from:450 N/S Line:S Feet from:770 E/W Line:E						
		6. Latitude: Longitude: 32.2118615610193 - 103.862762859258						
		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: 8/13/2013 Frac Performed by: Halliburton		12. Production Type: O						
13. Pool Code(s): 97798		14. Gross Fractured Interval: Confidential						
15. True Vertical Depth (TVD): 9,244 ft		16. Total Volume of Fluid Pumped: 3,935,152 gals						
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)		
Field Salt Water	Operator	Base Fluid	Field Salt Water	7732-18-5	100%	86.98584%		
HYDROCHLORIC ACID 10-30%	Halliburton		Hydrochloric acid	7647-01-0	30%	1.00522%		
CRC 20/40	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	1.94646%		
			Hexamethylenetetramine	100-97-0	2%	0.03893%		
			Phenol / formaldehyde resin	9003-35-4	5%	0.09732%		
Premium White 30/50	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	7.28599%		
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00273%		
CL-37 CROSSLINKER	Halliburton	Crosslinker	Glycerine	56-81-5	30%	0.00731%		
			Propanol	71-23-8	30%	0.00731%		
			Triethanolamine zirconate	101033-44-7	100%	0.02438%		
BA-20 BUFFERING AGENT	Halliburton	Buffer	Acetic acid	64-19-7	30%	0.00765%		
			Ammonium acetate	631-61-8	100%	0.02551%		
CL-40™ CROSSLINKER	Halliburton	Crosslinker	Triisopropanolamine	122-20-3	30%	0.0016%		
LCA-1	Halliburton	Solvent	Paraffinic solvent	Confidential Business Information	100%	0.00088%		
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00061%		
FDP S1078 -12	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30%	0.00146%		
Losurf-360	Halliburton	Surfactant	Poly(oxy-1,2-ethanediyl),alpha.-isodecyl-omega.-hydroxy-	61827-42-7	30%	0.02482%		
			Glycerine	56-81-5	10%	0.00827%		
			Complex Alkylamine	Confidential Business Information	5%	0.00414%		
MC MX 2-2822	Multi-Chem Group LLC	Scale Inhibitor	Methyl alcohol	67-56-1	30%	0.00146%		
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.00028%		
WG-18 GELLING AGENT	Halliburton	Gelling Agent	Guar gum derivative	Confidential Business Information	100%	0.2305%		
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00065%		
			Walnut hulls	Mixture	100%	0.00216%		
Ingredients Listed Below This Line Are Part of the			1,2-Benzisothiazolin-3-one	2634-33-5	0%	0%		
			Ammonium sulfate	7783-20-2	0%	0%		
			C.I. Pigment Red 5	6410-41-9	0%	0%		
			Calcium chloride	10043-52-4	0%	0%		
			Cured acrylic resin	Confidential Business Information	0%	0%		
			Cured acrylic resin	Confidential Business Information	0%	0%		
			Enzyme	Confidential Business Information	0%	0%		
			Enzyme	Confidential Business Information	0%	0%		
			Silica, amorphous - fumed	7631-86-9	0%	0%		
			Sodium bicarbonate	144-55-8	0%	0%		
			Water	7732-18-5	0%	0%		
			Zirconium, acetate lactate oxo ammonium complexes	68909-34-2	0%	0%		
			Zirconium, chloro hydroxy lactate oxo sodium complexes	174206-15-6	0%	0%		
			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: Rosie Cobos Title: Engineering Tech					
Date: 9/17/2013								
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.