

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. 30-015-39633				
		2. Well Name: PLU BIG SINKS 23 24 30 USA #001H				
		3. Well Number: 001H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit: B Lot: B Section: 23 Township: 24S Range: 30E Feet from: 100 N/S Line: N Feet from: 1980 E/W Line: E				
		5. Bottom Hole Location: Unit: B Lot: B Section: 23 Township: 24S Range: 30E Feet from: 100 N/S Line: N Feet from: 1980 E/W Line: E				
		6. latitude: longitude: 32.2103739248876 - 103.849371529699				
		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: 2/9/2012 Frac Performed by: CUDD Energy Services		12. Production Type: O				
13. Pool Code(s): 97798		14. Gross Fractured Interval: Confidential				
15. True Vertical Depth (TVD): 8,287 ft		16. Total Volume of Fluid Pumped: 3,359,728 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		Carrier / Base Fluid		7732-18-5	100%	86.30067%
Sand		Proppant	Silicon Dioxide	14808-60-7	100%	10.46786%
Super DC/LC TLC/THS Opti RCS	Sandtrol	Proppant	Silicon Dioxide	14808-60-7	97%	1.95038%
			P/F Novolak Resin	9003-35-4	5%	0.10054%
			Hexamethylenetetramine	1009-7-0	1%	0.02011%
BF-200	ASK	Buffer	Potassium Hydroxide	1310-58-3	25%	0.00382%
			Water	7732-18-5	80%	0.01223%
AGA-380	Chemplex, L.C.	Acid Gellant	Acetic Acid	64-19-7	1%	1E-05%
			Sodium Bisulfite(Trade Secret)	7631-90-5	64%	0.00034%
			Petroleum Distillate	64742-47-8	35%	0.00019%
FR-601	SNF	Friction Reducer	Copolymer of acrylamide and sodium acrylate	25987-30-8	10%	0.00622%
			Isoparaffinic Solvent	64742-47-8	10%	0.00622%
			Water	7732-18-5	60%	0.03733%
			Nonylphenol	9016-45-9	10%	0.00622%
			Sorbitan Monooleate	1338-43-8	10%	0.00622%
CS-14	Chemplex, L.C.	Clay Control	Non-hazardous salts (Choline)	Proprietary	66%	0.06502%
			Water	7732-18-5	45%	0.04433%
15% Hydrochloric Acid	Reagent	Scale Dissolver	37% Hydrochloric Acid	7647-01-0	15%	0.10354%
			Water	7732-18-5	85%	0.58673%
I-122	Chemplex,L.C.	Acid Corrosion Inhibitor	Methanol	67-56-1	70%	0.00022%
			Propargyl alcohol	107-19-7	8%	4E-05%
			Alcohol Ethoxylate Surfactants	Trade Secret	30%	0.00017%
			n-olefins	Trade Secret	10%	6E-05%
			thiourea-formaldehyde copolymer	68527-49-1	30%	0.00017%
SG-15G	PIP Technology	Polymer	Guar Gum	9000-30-0	50%	0.14957%
			Petroleum Distillate (Mineral Oil)	64742-47-8	55%	0.16453%
			Bentonite Clay	14808-60-7	2%	0.00598%
			Surfactant	68439-51-0	2%	0.00598%
CX-14G	Benchmark	Crosslinker	Petroleum Distillates	Proprietary	100%	0.01338%
			Organic alcohol	Proprietary	100%	0.01338%
GB-2	Fritz Industries, Inc.	Breaker	Ammonium Persulfate	7727-54-0	99.9%	0.00311%
NE-217	Chemplex, L.C.	Non-emulsifier	Methanol	67-56-1	50%	0.0003%
FE-4	Chemplex, L.C.	Iron Control Additive	Citric Acid Anhydrous	77-92-9	55%	0.00211%
			Water	7732-18-5	55%	0.00211%
Superset W	Santrol	Resin Activator	Methanol	67-56-1	50%	0.01667%
			Poly(oxyethylene) nonyphenol ether	9016-45-9	54%	0.018%
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: 11/25/2013						
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.