

**State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505**

1. WELL API NO. 30-015-41639
2. Well Name: PLU BIG SINKS 23 25 30 USA #001H
3. Well Number: 001H
4. Surface Hole Location: Unit:D Lot:D Section:23 Township:25S Range:30E Feet from:181 N/S Line:N Feet from:660 E/W Line:W
5. Bottom Hole Location: Unit:D Lot:D Section:23 Township:25S Range:30E Feet from:181 N/S Line:N Feet from:660 E/W Line:W
6. latitude: 32.122498809387 longitude: -103.858259164623
7. County: Eddy

**HYDRAULIC FRACTURING FLUID
DISCLOSURE**

Original
 Amendment

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: 5/14/2014 Frac Performed by: Cudd Energy Services	12. Production Type: O	
13. Pool Code(s): 13354	14. Gross Fractured Interval: Confidential	
15. True Vertical Depth (TVD): 9,083 ft	16. Total Volume of Fluid Pumped: 2,433,369 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%	84.57394%
Sand		Proppant	Silicon Dioxide	14808-60-7	100%	2.97465%
AGA-380	Chemplex, L.C.	Acid Gellant	Acetic Acid	64-19-7	1%	2E-05%
			Sodium Bisulfite (Trade Secret)	7631-90-5	64%	0.0012%
			Petroleum Distillate	64742-47-8	35%	0.00065%
CS-14	Chemplex, L.C.	Clay Control	Non-hazardous salts (Choline)	Proprietary	66%	0.00064%
			Water	7732-18-5	45%	0.00044%
15% Hydrochloric Acid	Reagent	Scale Dissolver	37% Hydrochloric Acid	7647-01-0	15%	0.29252%
			Water	7732-18-5	85%	1.65762%
I-122	Chemplex, L.C.	Acid Corrosion Inhibitor	Methanol	67-56-1	70%	0.00125%
			Propargyl alcohol	107-19-7	8%	0.00025%
			Alcohol Ethoxylate Surfactants	Trade Secret	30%	0.00094%
			n-olefins	Trade Secret	10%	0.00031%
			thiourea-formaldehyde copolymer	68527-49-1	30%	0.00094%
SG-15G	PIP Technology	Polymer	Guar Gum	9000-30-0	50%	0.34115%
			Petroleum Distillate (Mineral Oil)	64742-47-8	55%	0.37527%
			Bentonite Clay	14808-60-7	2%	0.01365%
			Surfactant	68439-51-0	2%	0.01365%
CX-20	Benchmark	Crosslinker	Triethanolamine	102-71-6	65%	0.0591%
			Isopropanol	67-63-0	22%	0.02%
GB-125	Benchmark	Breaker	Silica Crystalline-Quartz	14808-60-7	10%	0.00594%
GB-150	Chemplex, L.C.	Breaker	Non-hazardous ingredients	NA	100%	0.01854%
NE-227	CESI	Non-emulsifier	Isopropanol	67-63-0	15%	0.01266%
			Methanol	67-56-1	15%	0.01266%
			Ethoxylated Nonylphenol	9016-45-9	20%	0.01689%
FE-4	Chemplex, L.C.	Iron Control Additive	Citric Acid Anhydrous	77-92-9	55%	0.0059%
			Water	7732-18-5	55%	0.0059%
SI-625	Keltech	Scale Inhibitor	Methanol	67-56-1	19.9%	0.0079%
Garnett, Pearl RCS	Preferred Sands	RCS Proppants	Quartz(SiO2)	14808-60-7	98%	9.31908%
			Polyurethane Resin	Proprietary	5%	0.47546%
			Colorant	Proprietary	1%	0.09509%

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: Emma Z Galindo Title: Engineering Assistant
Date: 6/10/2014
E-mail Address: ezgalindo@basspet.com

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