

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: 30-015-40714						
		2. Well Name: BIG EDDY UNIT #248H						
		3. Well Number: 248H						
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:A Lot:A Section:35 Township:19S Range:31E Feet from:1175 N/S Line:N Feet from:10 E/W Line:E						
		5. Bottom Hole Location: Unit:A Lot:A Section:35 Township:19S Range:31E Feet from:1175 N/S Line:N Feet from:10 E/W Line:E						
		6. Latitude: longitude: 32.6209896859044 - 103.831301667166						
		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: 5/1/2013 Frac Performed by: Baker Hughes		12. Production Type: O						
13. Pool Code(s): 97650		14. Gross Fractured Interval: Confidential						
15. True Vertical Depth (TVD): 9,457 ft		16. Total Volume of Fluid Pumped: 55,384 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%	82.65699%		
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.97415%		
Superset-U, tote	Baker Hughes	Activator	Water	7732-18-5	85%	5.52018%		
			Denatured Ethanol	64-17-5	45%	0.02112%		
GBW-5	Baker Hughes	Breaker	Di (Ethylene Glycol) Ethyl Ether Acetate	112-15-2	55%	0.02581%		
			Ammonium Phosphate	7727-54-0	100%	9E-05%		
Enzyme G-I	Baker Hughes	Breaker	No Hazardous Ingredients	NA	100%	0.02065%		
ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.01803%		
			Water	7732-18-5	30%	0.00721%		
CI-14	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	10%	0.00159%		
			Olefin	Trade Secret	5%	0.00079%		
			Polyoxyalkylenes	Trade Secret	30%	0.00476%		
			Propargyl Alcohol	107-19-7	5%	0.00079%		
XLW-10A	Baker Hughes	Crosslinker	Ethylene Glycol	107-21-1	30%	0.04242%		
			Sodium Hydroxide	1310-73-2	10%	0.01414%		
			Sodium Tetraborate	1330-43-4	30%	0.04242%		
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	60%	0.33624%		
			Paraffinic Petroleum Distillate	64742-55-8	60%	0.33624%		
Ferrotrol 280L	Baker Hughes	Iron Control	Petroleum Distillate	64742-47-8	60%	0.33624%		
			2-Mercaptoethanol	60-24-2	100%	0.03889%		
NE-23, 55 gallon drum	Baker Hughes	Non-emulsifier	Ammonium Hydroxide	1336-21-6	5%	0.00194%		
			Cupric Chloride	7447-39-4	5%	0.00194%		
			Isopropanol	67-63-0	30%	0.00188%		
Sand, White, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	5.93615%		
Sand, White, 40/70	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	1.02394%		
Super LC, 20/40	Baker Hughes	Proppant	Hexamethylenetetramine	1009-7-0	0.01%	0.00024%		
			P/F Resin	9003-35-4	5%	0.1215%		
			Silicon Dioxide (Silica Sand)	14808-60-7	97%	2.35702%		
Flo-Back 40	Baker Hughes	Surfactant	Amphoteric Surfactant	Trade Secret	40%	0.02113%		
Ingredients shown above are subject to 29 CFR 1910			Benzyl Chloride	100-44-7	0%	6.27E-05%		
			Ethoxylated Nonylphenol	9016-45-9	0%	0.0003137%		
			Formaldehyde	50-00-0	0%	0.0001585%		
			Glycol Ether	Trade Secret	0%	0.0003137%		
			Hemicellulase Enzyme Concentrate	9025-56-3	0%	0.0006194%		
			Hydrochloric Acid	7647-01-0	0%	0.0001585%		
			Methanol	67-56-1	0%	0.0158508%		
			Modified Thiorea Polymer	68527-49-1	0%	0.0011096%		
			Olefin Sulfonate	Trade Secret	0%	0.0037646%		
			Polyester	Trade Secret	0%	0.0009412%		
			Quaternary Amine Compounds	Trade Secret	0%	0.0018823%		
			Sodium Chloride	7647-14-5	0%	0.0158477%		
			Water	7732-18-5	0%	0.0945026%		
			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: 5/29/2013								
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.