

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: 30-015-40500							
		2. Well Name: BIG EDDY UNIT #252H							
		3. Well Number: 252H							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:P Lot:P Section:35 Township:19S Range:31E Feet from:620 N/S Line:S Feet from:10 E/W Line:E							
		5. Bottom Hole Location: Unit:P Lot:P Section:35 Township:19S Range:31E Feet from:620 N/S Line:S Feet from:10 E/W Line:E							
		6. latitude: longitude: 32.611412359278 - 103.831265664602							
		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: 1/16/2013 Frac Performed by: Baker Hughes				12. Production Type: O					
13. Pool Code(s): 97650				14. Gross Fractured Interval: Confidential					
15. True Vertical Depth (TVD): 9,358 ft				16. Total Volume of Fluid Pumped: 44,179 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%	85.60545%			
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.33885%			
			Water	7732-18-5	85%	1.92016%			
Alpha 125	Baker Hughes	Biocide	Glutaraldehyde	111-30-8	30%	0.00666%			
GBW-5	Baker Hughes	Breaker	Ammonium Phosphate	7727-54-0	100%	0.00194%			
Enzyme G-I	Baker Hughes	Breaker	Hemicellulase Enzyme Concentrate	9025-56-3	3%	0.0012%			
			Water	7732-18-5	97%	0.03893%			
ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.01725%			
			Water	7732-18-5	30%	0.0069%			
CI-14	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	10%	0.00034%			
			Olefin	Trade Secret	5%	0.00017%			
			Polyoxyalkylenes	Trade Secret	30%	0.00101%			
			Propargyl Alcohol	107-19-7	5%	0.00017%			
XLW-10A	Baker Hughes	Crosslinker	Ethylene Glycol	107-21-1	30%	0.03573%			
			Sodium Hydroxide	1310-73-2	10%	0.01191%			
			Sodium Tetraborate	1330-43-4	30%	0.03573%			
FRW-20	Baker Hughes	Friction Reducer	Petroleum Distillates	64742-47-8	30%	0.00235%			
MaxPerm-20A, 265 gallon tote	Baker Hughes	Friction Reducer	Aliphatic Hydrocarbon	Trade Secret	30%	0.01137%			
			Oxyalkylated Alcohol	Trade Secret	5%	0.00189%			
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	60%	0.34486%			
			Paraffinic Petroleum Distillate	64742-55-8	60%	0.34486%			
			Petroleum Distillate	64742-47-8	60%	0.34486%			
			Isopropanol	67-63-0	30%	0.00058%			
NE-23, 55 gallon drum	Baker Hughes	Non-emulsifier	Isopropanol	67-63-0	30%	0.00058%			
Sand, White, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	6.6341%			
Sand, White, 40/70	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	1.20504%			
Preferred Garnet RC 20/40	Baker Hughes	Proppant	Castor Oil	8001-79-4	5%	0.14107%			
			Crystalline Silica (Quartz)	14808-60-7	100%	2.82143%			
Flo-Back 40	Baker Hughes	Surfactant	Amphoteric Surfactant	Trade Secret	40%	0.01986%			
Ingredients shown above are subject to 29 CFR 1910			Aliphatic Hydrocarbon	Trade Secret	0%	0.0018231%			
			Benzyl Chloride	100-44-7	0%	1.93E-05%			
			Ethoxylated Nonylphenol	9016-45-9	0%	9.65E-05%			
			Formaldehyde	50-00-0	0%	3.37E-05%			
			Glycol Ether	Trade Secret	0%	9.65E-05%			
			Hydrochloric Acid	7647-01-0	0%	3.37E-05%			
			Methanol	67-56-1	0%	0.0034253%			
			Modified Thiorea Polymer	68527-49-1	0%	0.0002359%			
			Olefin Sulfonate	Trade Secret	0%	0.0011584%			
			Oxyalkylated Alcohol	Trade Secret	0%	0.0001565%			
			Polyester	Trade Secret	0%	0.0002896%			
			Polyglycol Ester	Trade Secret	0%	7.04E-05%			
			Polyol Ester	Trade Secret	0%	8.61E-05%			
			Quaternary Amine Compounds	Trade Secret	0%	0.0005792%			
			Sodium Chloride	7647-14-5	0%	0.015206%			
			Vinyl Copolymer	Trade Secret	0%	0.0021909%			
			Water	7732-18-5	0%	0.0798172%			
			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: 1/31/2013						
			E-mail Address: ezglindo@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.						