

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 8, 2013				
		1. WELL API NO. 30-015-40397				
		2. Well Name: BIG EDDY UNIT DI5 #004H				
		3. Well Number: 004H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:G Lot:G Section:27 Township:20S Range:31E Feet from:1980 N/S Line:N Feet from:1848 E/W Line:E				
		5. Bottom Hole Location: Unit:G Lot:G Section:27 Township:20S Range:31E Feet from:1980 N/S Line:N Feet from:1848 E/W Line:E				
		6. latitude: 32.5460951595194 longitude: -103.854465718191				
		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: 8/8/2014 Frac Performed by: Baker Hughes		12. Production Type: O				
13. Pool Code(s): 49600		14. Gross Fractured Interval: Confidential				
15. True Vertical Depth (TVD): 7,595 ft		16. Total Volume of Fluid Pumped: 5,271,000 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	Operator	Carrier	Water	7732-18-5	100%	93.10816%
X-Cide 207	Baker Hughes	Biocide	2-Methyl-4-Isothiazolin-3-One	2682-20-4	5%	1E-05%
			5-Chloro-2-Methyl-4-Isothiazolin-3-One	26172-55-4	10%	1E-05%
			Crystalline Silica: Cristobalite	14464-46-1	1%	0%
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	0%
			Diatomaceous Earth, Calcined	91053-39-3	60%	8E-05%
			Magnesium Chloride	7786-30-3	5%	1E-05%
			Magnesium Nitrate	10377-60-3	10%	1E-05%
			GBW-5	Baker Hughes	Breaker	Ammonium persulphate
Enzyme G-I	Baker Hughes	Breaker	Contains non-hazardous ingredients which are listed in the non-MSDS section of the report	NA	0%	0%
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	100%	0.00159%
BF-9L	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.01932%
			Potassium Hydroxide	1310-58-3	30%	0.00966%
XLW-4	Baker Hughes	Crosslinker	Sodium Tetraborate	1303-96-4	30%	0.00537%
XLW-30G, tote	Baker Hughes	Crosslinker	Borate Suspension	Trade Secret	99.9%	0.01939%
			Crystalline Silica Quartz	14808-60-7	1%	0.00019%
FRW-18	Baker Hughes	Friction Reducer	Petroleum Distillates	64742-47-8	30%	0.02326%
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	60%	0.17478%
			Petroleum Distillate Blend (1)	64742-47-8	70%	0.20392%
			Petroleum Distillate Blend (3)	8042-47-5	70%	0.20392%
			Petroluem Distillate Blend (2)	64742-55-8	70%	0.20392%
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Mixture of Surfactants	Trade Secret	50%	0.09241%
			Propylene Glycol	57-55-6	30%	0.05544%
Sand, Brown, 16/30	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	3.10264%
LiteProp 125, 14/30	Baker Hughes	Proppant	Cured Resin	Trade Secret	5%	0.00487%
LiteProp 125C, 14/30	Baker Hughes	Proppant	Cured Resin	Trade Secret	18%	0.04424%
Preferred Garnet RC 16/30	Baker Hughes	Proppant	Colorant	1309-37-1	1%	0.00742%
			Crystalline Silica (Quartz)	14808-60-7	98%	0.72667%
			Polyurethane resin	8001-79-4	5%	0.03708%
Sand, Arizona	Baker Hughes	Proppant	Crystalline Silica: Quartz	14808-60-7	100%	1.8554%
Ingredients shown above are subject to 29 CFR 1910			Cured Resin	Trade Secret	0%	0.0003813%
			Ethoxylated Alcohol	Trade Secret	0%	0.0015507%
			Hemicellulase	9025-56-3	0%	0.000266%
			Enzyme Concentrate			
			Poly (acrylamide-co-acrylic acid)	Trade Secret	0%	0.0232599%
			Salt	Trade Secret	0%	0.0038766%
			Sodium Chloride	7647-14-5	0%	3.8E-06%
			Sodium Nitrate	7631-99-4	0%	1.27E-05%
			Sorbitan Monooleate	Trade Secret	0%	0.0038766%
			Water	7732-18-5	0%	0.0651151%
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: 9/10/2014						
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.