

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: 30-015-42006				
		2. Well Name: BIG EDDY UNIT #257H				
		3. Well Number: 257H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:J Lot:J Section:33 Township:19S Range:31E Feet from:1670 N/S Line:S Feet from:2530 E/W Line:E 5. Bottom Hole Location: Unit:J Lot:J Section:33 Township:19S Range:31E Feet from:1670 N/S Line:S Feet from:2530 E/W Line:E 6. Latitude: 32.6142267325445 Longitude: - 103.873864269327 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: 5/14/2014 Frac Performed by: Baker Hughes		12. Production Type: O				
13. Pool Code(s): 97650		14. Gross Fractured Interval: Confidential				
15. True Vertical Depth (TVD): 9,700 ft		16. Total Volume of Fluid Pumped: 2,418,402 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%	83.49975%
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.53014%
			Water	7732-18-5	85%	3.00412%
GBW-5	Baker Hughes	Breaker	Ammonium persulphate	7727-54-0	100%	0.00104%
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%	0.0029%
BF-9L, 300 gal tote	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.05579%
			Potassium Hydroxide	1310-58-3	30%	0.02789%
ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.03224%
			Water	7732-18-5	30%	0.01289%
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.00161%
			Methanol	67-56-1	60%	0.00323%
			Olefin	Trade Secret	5%	0.00027%
			Polyoxyalkylenes	Trade Secret	30%	0.00161%
			Propargyl Alcohol	107-19-7	10%	0.00054%
			Thiourea Polymer	68527-49-1	30%	0.00161%
XLW-4	Baker Hughes	Crosslinker	Sodium Tetraborate	1303-96-4	30%	0.02065%
XLW-30AG, tote	Baker Hughes	Crosslinker	Petroleum Distillates	64742-47-8	60%	0.02971%
FRW-18	Baker Hughes	Friction Reducer	Petroleum Distillates	64742-47-8	30%	0.0056%
GW-4	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	100%	0.22168%
Ferrotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.00985%
			Ammonium Hydroxide	1336-21-6	5%	0.00049%
			Cupric Chloride	7447-39-4	5%	0.00049%
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Mixture of Surfactants	Trade Secret	50%	0.00142%
			Propylene Glycol	57-55-6	30%	0.00085%
Sand, White, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	2.68676%
Sand, White, 40/70	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	0.55866%
Preferred Garnet RC 20/40	Baker Hughes	Proppant	Castor Oil	8001-79-4	5%	0.10711%
			Crystalline Silica (Quartz)	14808-60-7	100%	2.14226%
Preferred Pearl RC, 20/40	Baker Hughes	Proppant	Crystalline Silica, Quartz (SiO2)	14808-60-7	100%	6.51388%
			Polyurethane Resin	Trade Secret	5%	0.32569%
Flo-Back 40	Baker Hughes	Surfactant	Amphoteric Surfactant	Trade Secret	40%	0.02115%
Ingredients shown above are subject to 29 CFR 1910			Boric Oxide	1303-86-2	0%	0.015847%
			Cured Resin	Trade Secret	0%	0.0006957%
			Ethoxylated Alcohol	Trade Secret	0%	0.0003733%
			Formaldehyde	50-00-0	0%	2.7E-06%
			Hemicellulase	9025-56-3	0%	0.0010099%
			Enzyme Concentrate			
			Organophilic Clay	Trade Secret	0%	0.0024761%
			Poly (acrylamide-co-acrylic acid)	Trade Secret	0%	0.0055993%
			Polymeric Suspending Agent	Trade Secret	0%	0.0024761%
			Salt	Trade Secret	0%	0.0009332%
			Sodium Chloride	7647-14-5	0%	0.0158897%
			Sorbitan Monooleate	Trade Secret	0%	0.0009332%
			Surfactant	Trade Secret	0%	0.0004952%
			Water	7732-18-5	0%	0.1313747%
	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: 6/18/2014						
E-mail Address: ezgalindo@basspet.com						