

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: 30-015-42568				
		2. Well Name: BIG EDDY UNIT DI28 #277H				
		3. Well Number: 277H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:D Lot:D Section:15 Township:21S Range:29E Feet from:939 N/S Line:N Feet from:889 E/W Line:W				
		5. Bottom Hole Location: Unit:D Lot:D Section:15 Township:21S Range:29E Feet from:939 N/S Line:N Feet from:889 E/W Line:W				
		6. latitude: 32.4841423208185 longitude: -103.978178303678				
		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: 11/19/2014 Frac Performed by: Sanjel		12. Production Type: O				
13. Pool Code(s): 98053		14. Gross Fractured Interval: Confidential				
15. True Vertical Depth (TVD): 10,253 ft		16. Total Volume of Fluid Pumped: 4,397,190 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)
Base Fluid	BOPCO LP	Base Fluid	Water, other	7732-18-5	100%	79.92858%
Silica Sand	Sanjel	Proppant	Crystalline Silica, SiO2	14808-60-7	99.9%	15.02809%
15% HCl	Sanjel	Acid	Hydrogen Chloride Anhydrous	7647-01-0	40%	0.72656%
5% Breaker O	Sanjel	Break Fluid	Ammonium persulfate	7727-54-0	5%	0.00109%
AI-8	Sanjel	Acid Inhibitor	Isopropanol	67-63-0	40%	0.00133%
			Polyoxyalkylenes	Proprietary	0%	0%
			Fatty acids	Proprietary	0%	0%
			Modified thiorea polymer	Proprietary	0%	0%
			Propargyl Alcohol	107-19-7	10%	0.00033%
5% Breaker-1B	Sanjel	Break Fluid	No hazardous ingredients	NA	0%	0%
Base-N10	Sanjel	High pH Buffer	Sodium Hydroxide	1310-73-2	5%	0.00299%
Breaker-2B	Sanjel	Break Fluid	Ammonium persulfate	7727-54-0	100%	0.00595%
			Silica, crystalline- quartz	14808-60-7	10%	0.0006%
BX-8L	Sanjel	Crosslinker	Boric acid, sodium salt	1333-73-9	30%	0.01066%
Citric acid, 50%	Brenntag	Iron Sequestering Agent	Citric acid	77-92-9	60%	0.01205%
			Water	7732-18-5	50%	0.01004%
D-2	Sanjel	Surfactant	Sodium 2-ethylhexyl sulfate	126-92-1	60%	0.00112%
			2-ethylhexanol	104-76-7	1.5%	3E-05%
DF-1	Sanjel	Defoamer	No hazardous ingredients	na	100%	0.00084%
NE-6	Sanjel	Non-emulsifier	Isopropal Alcohol	67-63-0	60%	0.04287%
			2-ethylhexanol	104-76-7	5%	0.00357%
			Diethylenetriamine	111-40-0	5%	0.00357%
			Heavy aromatic solvent Naphtha	64742-94-5	5%	0.00357%
			Napthalene	91-20-3	1%	0.00071%
			Benzene 1-1-oxybis-, tetrapropylene	119345-03-8	10%	0.00714%
			Diethylenetriamine Alkylbenzene Sulfate	40139-72-8	30%	0.02143%
SCC-1L	Sanjel	Clay Control	No hazardous ingredients	na	0%	0%
TPC-F-024	Sanjel	Gellant	Solvent Naphtha, (petroleum) heavy aliphatic	64742-96-7	65%	0.25557%
LDP-F-1914	Sanjel	Crosslinker	Ethane-1,2-diol	107-21-1	0%	0%
			Inorganic borates	1319-33-1	0%	0%
Black Ultra	Momentive	Proppant	Quartz (SiO2)	14808-60-7	100%	2.35201%
			Furfuryl Alcohol	98-00-0	1%	0.02352%
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: 1/12/2015						
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.