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  HYDRAULIC FRACTURING FLUID DISCLOSURE  X Original  Amendment  Amendment  Revised November 6.  1. WELL API NO. 30-015-42652  2. Well Name: BIG EDDY UNIT DI4 #271H  3. Well Number: 271H  4. Surface Hole Location: Unit: B Lot: 2 Section: 5 Township: 20S NS Line: N NS Line: N NS Line: N Feet from: 2100 EW Line: E 6. Bottom Hole Location: Unit: B Lot: 2 Section: 5 Township: 20S Range: 311 Feet from: 2100 EW Line: E 6. Isitiude: longitude: 32.6076736 Iongitude: 32.6076736 Iongitude: 32.6076736 Iongitude: 32.6076736 Iongitude: 4. Surface Hole Location: Unit: B Lot: 2 Section: 5 Township: 20S Range: 311 Feet from: 2100 EW Line: E 6. Isitiude: longitude: 32.6076736 Iongitude: 32.6076736 I									
8. Operator Name and Address: BOPCO, L.P. P. O. Box 2760					9. OGRID:	260737	10. Phone Numb	er: 432-683-2277	
Midland 79702  11. Last Fracture Date: 10/3/2016 Frac Performed by: Liberty Oilfield Services						duction Type:			
isiazare , zibary emise estrete					0	0			
13. Pool Code(s): 96688						Fractured Interval: Confidential			
					16. Total Volu	tal Volume of Fluid Pumped:			
9,141 ft						44,373,949 gals			
17. Total Volume of Re-Use Water Pumped:  N/A  18.						t of Re-Use Water in Fluid Pumped: Not Disclosed			
19. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:									
Trade Name	Supplier	Purpose	Ingredients	(CAS #) Chemic Service #	cal Abstract	Maximum Ingredient Concentration in Additive (% by mass)		Maximum Ingredient	
				Service #				Concentration in HF Fluid (% by mass)	
Water	Operator	Carrier	Water	7732-18-5			100%	82.4933222%	
SFT-NE7K	Liberty Oilfie Services	Non Emulsifier	Benzenesulfonic acid, C10-16-alkyl deribatives.	68584-22-5			30%	0.0230884%	
			Hexylene glycol	107-41-5			40%	0.0307845%	
			Diethylenetriamine	111-40-0			5%	0.0038481%	
SAFE-BFH	Liberty Oilfie Services	eld High pH Buffer	Proprietary / Trade Secret	Proprietary			100%	0.0303855%	
XLB-88	Liberty Oilfie	eld Crosslinker	Ethylene glycol	107-21-1			55%	0.0187361%	
	Services		Water Borate Salt	7732-18-5 1303-96-4			75% 30%	0.0255492% 0.0102197%	
XLB-36	Liberty Oilfie Services	eld Crosslinker	Petroleum distillates, hydrotreated light	64742-47-8		40%		0.0234516%	
DE3.55	DAGE	Common Donalisa	Ulexite	1319-33-1			50%	0.0293145%	
BEZ-5F	BASF	Enzyme Breaker	Water Glycerol	7732-18-5 56-81-5			80% 40%	0.0017061% 0.0008531%	
		1907	Cellulase	9012-54-8			3%	6.4E-05%	
BLR-18	Liberty Oilfie	eld Powder Breaker	Ammonium	7727-54-0		-	99%	0.0004127%	
1101.45	Services	old Only and	Persulfate	7047.04.0			2001	0.2607641%	
HCL-15	Liberty Oilfie Services	eld Solvent	Hydrochloric Acid Water	7647-01-0 7732-18-5			30% 70%	0.2007041%	
FSTI-CI-01	FSTI	Acid Corrosion	Methanol	67-56-1			80%	0.0009833%	
		Inhibitor	Fatty Acids	Proprietary			10%		
FSTI-IC-001	FSTI	Iron Control	Acetic Acid	64-19-7			60%	0.0010266%	
FSTI-NE-01	FSTI	Surfactant	Citric Acid Methyl Alcohol	77-92-9 67-56-1			40% 70%	0.0006844% 0.0004885%	
TOTAL OF		Suracan	Coconut Benzyl Quaternary Amine	61789-71-7			20%	0.0001396%	
DOA 4045	Liberty Off	ald Over	Isopropanol	67-63-0			10%	6.98E-05%	
PGA-4045 WG-10BL	Liberty Oilfie Services Liberty Oilfie		Guar Gum  Distillates Petroleum,	9000-30-0			100% 55%	0.1770588% 0.0150717%	
WO-TOBL	Services	Suar Sturry	Hydro Treated	04142-41-6			55%		
			Guar Gum	9000-30-0			55%	0.0150717%	
Carbo Econoprop / Carbo Ceramics	Liberty Oilfie Services	eld Proppant	Suspending Agent Silicon Dioxide (Amorphous as	Proprietary 7631-86-9		<u> </u>	5% 35%	0.0013702% 0.7172271%	
			glass)	4202.02.0		7.	0501	4.74400700	
			Mullite Silica Crystalline-	1302-93-8 14464-46-1		8	85% 20%	1.7418373% 0.4098441%	
			Cristbalite	14404-40-1			2070	0.405044170	
Crystalline Silica, Quartz / Unimin Corp	Liberty Oilfie Services	eld Sand	Crystalline Silica in the form of Quartz	14808-60-7			99.9%	14.1633753%	
		on shown on this disclosure form is tr		of my knowledge s	and belief.				
Signature: Signed El	lectronically	Printed Name: Leslie Barr	nes			Title:			

E-mail Address: | barnes@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.

Signed Electronically Printed Name: Leslie Barnes

Date:

10/18/2016