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. 30-015-42638

2. Well Name: BIG EDDY UNIT DI4 #269H

3. Well Number: 269H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:B Lot:2 Section:5 Township:20S Range:31E
Feet from:660 N/S Line:N
Feet from:2100 E/W Line:E

5. Bottom Hole Location:
Unit:B Lot:2 Section:5 Township:20S Range:31E
Feet from:660 N/S Line:N
Feet from:2100 E/W Line:E

6. latitude: 32.6077843 longitude: -103.8897552

7. County: Eddy

8. Operator Name and Address:
BOPCO, L.P.
P. O. Box 2760
Midland 79702

9. OGRID: 260737

10. Phone Number: 432-683-2277

11. Last Fracture Date: 10/1/2016 Frac Performed by: Liberty Oilfield Services

12. Production Type: O

13. Pool Code(s): 96688

14. Gross Fractured Interval: Confidential

15. True Vertical Depth (TVD): 9,139 ft

16. Total Volume of Fluid Pumped: 58,530,041 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%	82.7146602%
SFT-NE7K	Liberty Oilfield Services	Non Emulsifier	Benzenesulfonic acid, C10-16-alkyl deribatives.	68584-22-5	30%	0.0228461%
			Hexylene glycol	107-41-5	40%	0.0304615%
			Diethylenetriamine	111-40-0	5%	0.0038077%
SAFE-BFH	Liberty Oilfield Services	High pH Buffer	Proprietary / Trade Secret	Proprietary	100%	0.0298951%
XLB-88	Liberty Oilfield Services	Crosslinker	Ethylene glycol	107-21-1	55%	0.0187304%
			Water	7732-18-5	75%	0.0255415%
			Borate Salt	1303-96-4	30%	0.0102166%
XLB-36	Liberty Oilfield Services	Crosslinker	Petroleum distillates, hydrotreated light	64742-47-8	40%	0.0233505%
			Ulexite	1319-33-1	50%	0.0291882%
BEZ-5F	BASF	Enzyme Breaker	Water	7732-18-5	80%	0.0016631%
			Glycerol	56-81-5	40%	0.0008316%
			Cellulase	9012-54-8	3%	6.24E-05%
BLR-18	Liberty Oilfield Services	Powder Breaker	Ammonium Persulfate	7727-54-0	99%	0.0004482%
HCL-15	Liberty Oilfield Services	Solvent	Hydrochloric Acid	7647-01-0	30%	0.2210212%
			Water	7732-18-5	70%	0.5157162%
FSTI-CI-01	FSTI	Acid Corrosion Inhibitor	Methanol	67-56-1	80%	0.0008334%
			Fatty Acids	Proprietary	10%	0.0001042%
FSTI-IC-001	FSTI	Iron Control	Acetic Acid	64-19-7	60%	0.0008702%
			Citric Acid	77-92-9	40%	0.0005801%
FSTI-NE-01	FSTI	Surfactant	Methyl Alcohol	67-56-1	70%	0.0004141%
			Coconut Benzyl Quaternary Amine	61789-71-7	20%	0.0001183%
			Isopropanol	67-63-0	10%	5.92E-05%
PGA-4045	Liberty Oilfield Services	Guar	Guar Gum	9000-30-0	100%	0.1819083%
WG-10BL	Liberty Oilfield Services	Guar Slurry	Distillates Petroleum, Hydro Treated	64742-47-8	55%	0.0079125%
			Guar Gum	9000-30-0	55%	0.0079125%
			Suspending Agent	Proprietary	5%	0.0007193%
Carbo Econoprop / Carbo Ceramics	Liberty Oilfield Services	Proppant	Silicon Dioxide (Amorphous as glass)	7631-86-9	35%	0.6522087%
			Mullite	1302-93-8	85%	1.5839353%
			Silica Crystalline-Cristbalite	14464-46-1	20%	0.3726907%
Crystalline Silica, Quartz / Unimin Corp	Liberty Oilfield Services	Sand	Crystalline Silica in the form of Quartz	14808-60-7	99.9%	14.2704738%

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: Leslie Barnes Title: _____

Date: 10/18/2016

E-mail Address: lbarnes@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.