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.
30-015-41798

2. Well Name:
BIG EDDY UNIT DI28 #254H

3. Well Number:
254H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☐ **Original**

☒ **Amends disclosure submitted on 1/9/2015**

4. Surface Hole Location:
Unit:D Lot:D Section:15 Township:21S Range:29E
Feet from:700 N/S Line:N
Feet from:969 E/W Line:W

5. Bottom Hole Location:
Unit:D Lot:D Section:15 Township:21S Range:29E
Feet from:700 N/S Line:N
Feet from:969 E/W Line:W

6. latitude: 32.4839728485138 longitude: -103.977005326464

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: 11/22/2014 Frac Performed by: Sanjel

12. Production Type:
O

13. Pool Code(s):
98053

14. Gross Fractured Interval:
Confidential

15. True Vertical Depth (TVD):
9,155 ft

16. Total Volume of Fluid Pumped:
3,471,446 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	Operator	Base Fluid	Water, other	7732-18-5	100%	79.77407%
Silica Sand	Sanjel	Proppant	Crystalline Silica, SiO2	14808-60-7	99.9%	14.39803%
15% HCl	Sanjel	Acid	Hydrogen Chloride Anhydrous	7647-01-0	40%	0.91107%
5% Breaker O	Sanjel	Break fluid	Ammoniun persulfate	7727-54-0	5%	0.0014%
5% Breaker-1B	Sanjel	Break Fluid	No hazardous ingredients	na	5%	0.00418%
AI-8	Sanjel	Acid Inhibitor	Isopropanol	67-63-0	40%	0.00171%
			Polyoxyalkylenes	Proprietary	0%	0%
			Fatty acids	Proprietary	0%	0%
			Modified thiorea polymer	Proprietary	0%	0%
			Propargyl alcohol	107-19-7	10%	0.00043%
Base-N10	Sanjel	High pH Buffer	Sodium Hydroxide	1310-73-2	5%	0.00256%
BX-8L	Sanjel	Crosslinker	Boric Acid, sodium salt	1333-73-9	30%	0.01776%
Citric Acid, 50%	Brenntag	Iron Sequestering Agent	Citric Acid	77-92-9	60%	0.01515%
			Water	7732-18-5	50%	0.01262%
D-2	Sanjel	Surfectant	Sodium-2-ethylhexyl sulfate	126-92-1	60%	0.00143%
			2-ethylhexanol	104-76-7	1.5%	4E-05%
DF-1	Sanjel	Defoamer	No hazardous ingredients	NA	100%	0.00096%
NE-6	Sanjel	Non-emulsifier	Isopropal Alcohol	67-63-0	60%	0.04259%
			2-Ethylhexanol	104-76-7	5%	0.00355%
			Diethylenetriamine	111-40-0	5%	0.00355%
			Heavy Aromatic Solvent Naphtha	64742-94-5	5%	0.00355%
			Napthalene	91-20-3	1%	0.00071%
			Benzene 1-1-oxybis-,tetrapropylene	119345-03-8	10%	0.0071%
			Diethylenetriamine Alkylbenzene Sulfate	40139-72-8	30%	0.02129%
SCC-1L	Sanjel	Clay Control	No hazardous ingredients	NA	100%	0.06025%
TPC-F-024	Sanjel	Gellant	Solvent Naphtha, (petroleum) heavy aliphatic	64742-96-7	65%	0.24515%
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%	2.75044%
			Furfuryl Alcohol	98-00-0	1%	0.0275%

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: 1/9/2015

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.