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.
30-015-41861

2. Well Name:
BIG EDDY UNIT D12 #002H

3. Well Number:
002H

## HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:A Lot:A Section:34 Township:19S Range:31E
Feet from:660 N/S Line:N
Feet from:1215 E/W Line:E

5. Bottom Hole Location:
Unit:A Lot:A Section:34 Township:19S Range:31E
Feet from:660 N/S Line:N
Feet from:1215 E/W Line:E

6. latitude: 32.6223771884953 longitude: -103.852426938814

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: 4/17/2014 Frac Performed by: CUDD Energy Services

12. Production Type:
O

13. Pool Code(s):
97650

14. Gross Fractured Interval:
Confidential

15. True Vertical Depth (TVD):
9,100 ft

16. Total Volume of Fluid Pumped:
2,145,437 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 | | Carrier / Base Fluid | | 7732-18-5 | 100% | 81.05954% |
| Sand | | Proppant | Silicon Dioxide | 14808-60-7 | 100% | 10.22275% |
| BF-200 | ASK | Buffer | Potassium Hydroxide | 1310-58-3 | 25% | 0.02136% |
| | | | Water | 7732-18-5 | 80% | 0.06836% |
| AGA-380 | Chemplex, L.C. | Acid Gellant | Acetic Acid | 64-19-7 | 1% | 6E-05% |
| | | | Sodium Bisulfite (Trade Secret) | 7631-90-5 | 64% | 0.00354% |
| | | | Petroleum Distillate | 64742-47-8 | 35% | 0.00193% |
| FR-620 | Chemplex | Friction Reducer | Polyacrylamide derivatives | Mixture | 100% | 0.00047% |
| | | | Petroleum Distillate | 64742-47-8 | 100% | 0.0004% |
| CS-14 | Chemplex, L.C. | Clay Control | Non-hazardous salts(Choline) | Proprietary | 66% | 0.02892% |
| | | | Water | 7732-18-5 | 45% | 0.01972% |
| 15% Hydrochloric Acid | Reagent | Scale Dissolver | 37% Hydrochloric Acid | 7647-01-0 | 15% | 0.85895% |
| | | | Water | 7732-18-5 | 85% | 4.86737% |
| I-122 | Chemplex,L.C. | Acid Corrosion Inhibitor | Methonol | 67-56-1 | 70% | 0.00367% |
| | | | Propargyl alcohol | 107-19-7 | 8% | 0.00073% |
| | | | Alcohol Ethoxylate Surfactants | Trade Secret | 30% | 0.00275% |
| | | | n-olefins | Trade Secret | 10% | 0.00092% |
| | | | thiourea-formaldehyde copolymer | 68527-49-1 | 30% | 0.00275% |
| SG-15G | PfP Technology | Polymer | Guar Gum | 9000-30-0 | 50% | 0.26672% |
| | | | Petroleum Distillate (Mineral Oil) | 64742-47-8 | 55% | 0.29339% |
| | | | Bentonite Clay | 14808-60-7 | 2% | 0.01067% |
| | | | Surfactant | 68439-51-0 | 2% | 0.01067% |
| CX-10 | Benchmark | Crosslinker | Sodium Borate Decahydrate | 1303-96-4 | 29.9% | 0.0068% |
| | | | Water | 7732-18-5 | 69.1% | 0.01571% |
| CX-14G | Benchmark | Crosslinker | Petroleum Distillates | Proprietary | 100% | 0.05284% |
| | | | Organic alcohol | Proprietary | 100% | 0.05284% |
| GB-150 | Chemplex, L.C. | Breaker | Non-hazardous ingredients | NA | 100% | 0.04073% |
| EGB-16HT | Fritz Industries, Inc. | Breaker | Ammonium Persulfate | 7727-54-0 | 99.9% | 0.00689% |
| | | | Silica, Crystalline-Quartz | 14808-60-7 | 10% | 0.00069% |
| NE-227 | CESI | Non-emulsifier | Isopropanol | 67-63-0 | 15% | 0.01229% |
| | | | Methanol | 67-56-1 | 15% | 0.01229% |
| | | | Ethoxylated Nonylphenol | 9016-45-9 | 20% | 0.01639% |
| FE-4 | Chemplex, L.C. | Iron Control Additive | Citric Acid Anhydrous | 77-92-9 | 55% | 0.01736% |
| | | | Water | 7732-18-5 | 55% | 0.01736% |
| Garnett,Pearl RCS | Preferred Sands | RCS Proppants | Quartz(SiO2) | 14808-60-7 | 98% | 2.03441% |
| | | | Polyurethane Resin | Proprietary | 5% | 0.1038% |
| | | | Colorant | Proprietary | 1% | 0.02076% |

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: Rosie Cobos Title: Engineering Tech

Date: 5/19/2014

E-mail Address: rcobos@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.