

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 February 15, 2012

1. WELL API NO:  
30-015-40536

2. Well Name:  
WARREN ANW FEDERAL #008H

3. Well Number:  
008H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒Original  
☐Amendment

4. Surface Hole Location:  
Unit:M Lot:M Section:9 Township:19S Range:25E  
Feet from:400 N/S Line:S  
Feet from:230 E/W Line:W

5. Bottom Hole Location:  
Unit:M Lot:M Section:9 Township:19S Range:25E  
Feet from:400 N/S Line:S  
Feet from:230 E/W Line:W

6. Latitude: 32.669470563527 Longitude: -104.497626886796

7. County:  
Eddy

8. Operator Name and Address:  
YATES PETROLEUM CORPORATION  
105 S 4TH ST  
ARTESIA,88210

9. OGRID:  
25575

10. Phone Number:

11. Last Fracture Date: 11/9/2012 Frac Performed by: FTS International

12. Production Type:  
O

13. Pool Code(s):  
50270

14. Gross Fractured Interval:  
2,811 ft to 6,832 ft

15. True Vertical Depth (TVD):  
2,582 ft

16. Total Volume of Fluid Pumped:  
110,903 bbls

17. 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%                                                     | 91.09353%                                                |
| HCl, 15.1 - 20%         | FTSI     | Acidizing           | Hydrochloric Acid            | 7647-01-0                           | 15%                                                      | 0.17738%                                                 |
|                         |          |                     | Water                        | 7732-18-5                           | 85%                                                      | 1.00513%                                                 |
| CI-150                  | FTSI     | Corrosion Inhibitor | Isopropanol                  | 67-63-0                             | 30%                                                      | 0.001%                                                   |
|                         |          |                     | Dimethylformamide            | 68-12-2                             | 10%                                                      | 0.00033%                                                 |
|                         |          |                     | Organic amine resin salt     | Proprietary                         | 30%                                                      | 0.001%                                                   |
|                         |          |                     | Quaternary ammonium compound | Proprietary                         | 10%                                                      | 0.00033%                                                 |
|                         |          |                     | Aromatic aldehyde            | Proprietary                         | 10%                                                      | 0.00033%                                                 |
|                         |          |                     | Ethylene glycol              | 107-21-1                            | 30%                                                      | 0.001%                                                   |
|                         |          |                     | Diethylene glycol            | 111-46-6                            | 1%                                                       | 3E-05%                                                   |
|                         |          |                     | Water                        | 7732-18-5                           | 5%                                                       | 0.00017%                                                 |
|                         |          |                     | Fatty acid                   | Proprietary                         | 0.1%                                                     | 0%                                                       |
|                         |          |                     | Fatty acid salt              | Proprietary                         | 0.1%                                                     | 0%                                                       |
|                         |          |                     | Aliphatic alcohol            | Proprietary                         | 0.1%                                                     | 0%                                                       |
|                         |          |                     | Alkylene Oxide Block Polymer | Proprietary                         | 10%                                                      | 0.00033%                                                 |
| FRW-200                 | FTSI     | Friction Reducer    | Petroleum Distillate         | 64742-47-8                          | 30%                                                      | 0.01787%                                                 |
|                         |          |                     | Hydrotreated light           |                                     |                                                          |                                                          |
|                         |          |                     | Ethylene glycol              | 107-21-1                            | 4%                                                       | 0.00238%                                                 |
|                         |          |                     | Water                        | 7732-18-5                           | 60%                                                      | 0.03575%                                                 |
|                         |          |                     | Aliphatic hydrocarbon        | Proprietary                         | 30%                                                      | 0.01787%                                                 |
|                         |          |                     | Polyol Ester                 | Proprietary                         | 5%                                                       | 0.00298%                                                 |
|                         |          |                     | Acrylamide                   | 79-06-1                             | 0.1%                                                     | 6E-05%                                                   |
|                         |          |                     | Anionic Polymer              | Proprietary                         | 30%                                                      | 0.01787%                                                 |
|                         |          |                     | Polyglycol Ester             | Proprietary                         | 0.1%                                                     | 6E-05%                                                   |
|                         |          |                     | Oxalkylated alcohol          | Proprietary                         | 5%                                                       | 0.00298%                                                 |
|                         |          |                     | Citric Acid                  | 77-92-9                             | 55%                                                      | 0.00219%                                                 |
|                         |          |                     | Water                        | 7732-18-5                           | 60%                                                      | 0.00238%                                                 |
| Shale Surf 1000         | FTSI     | Flow-back Enhancer  | Ethoxylated alcohol          | Proprietary                         | 20%                                                      | 0.01686%                                                 |
|                         |          |                     | 2-Butoxyethanol              | 111-76-2                            | 10%                                                      | 0.00843%                                                 |
|                         |          |                     | 2-Propanol                   | 67-63-0                             | 10%                                                      | 0.00843%                                                 |
|                         |          |                     | Cyclohexene                  | 5989-27-5                           | 10%                                                      | 0.00843%                                                 |
|                         |          |                     | Methanol                     | 67-56-1                             | 10%                                                      | 0.00843%                                                 |
|                         |          |                     | Water                        | 7732-18-5                           | 85%                                                      | 0.07164%                                                 |
| HVG-1                   | FTSI     | Guar Slurry         | Guar Gum                     | 9000-30-0                           | 50%                                                      | 0.03551%                                                 |
|                         |          |                     | Petroleum Distillate         | 64742-47-8                          | 55%                                                      | 0.03906%                                                 |
|                         |          |                     | Clay                         | 14808-60-7                          | 2%                                                       | 0.00142%                                                 |
| NE 100                  | FTSI     | Non Emulsifier      | 2-Butoxyethanol              | 111-76-2                            | 10%                                                      | 0.00012%                                                 |
|                         |          |                     | 2-Propanol                   | 67-63-0                             | 10%                                                      | 0.00012%                                                 |
|                         |          |                     | Dodecylbenzenesulfonic acid  | 27176-87-0                          | 5%                                                       | 6E-05%                                                   |
|                         |          |                     | Sulfuric Acid                | 7664-93-9                           | 0.01%                                                    | 0%                                                       |
|                         |          |                     | Sulfur dioxide               | 7446-009-5                          | 0%                                                       | 0%                                                       |
|                         |          |                     | Water                        | 7732-18-5                           | 90%                                                      | 0.00105%                                                 |
| LTB-1                   | FTSI     | Breaker             | Ammonium Persulfate          | 7727-54-0                           | 100%                                                     | 0.02664%                                                 |
|                         |          |                     | Cured acrylic resin          | Proprietary                         | 100%                                                     | 0.02664%                                                 |
| CS-210                  | FTSI     | Polymer Breaker     | Silica, Crystalline Quartz   | 14808-60-7                          | 10%                                                      | 0.00266%                                                 |
|                         |          |                     | Sodium Chloride              | 7647-14-5                           | 15%                                                      | 0.00566%                                                 |
|                         |          |                     | Sodium Chloride              | 7758-19-2                           | 5%                                                       | 0.00219%                                                 |
|                         |          |                     | Sodium Hydroxide             | 1310-73-2                           | 0%                                                       | 0%                                                       |
|                         |          |                     | Water                        | 7732-18-5                           | 80%                                                      | 0.0355%                                                  |
| B-5                     | FTSI     | Low pH Buffer       | Acetic Acid                  | 64-19-7                             | 90%                                                      | 0%                                                       |
|                         |          |                     | Water                        | 7732-18-5                           | 35%                                                      | 0%                                                       |
| ICI-150                 | FTSI     | Biocide             | Gluteral                     | 111-30-8                            | 50%                                                      | 0.02444%                                                 |
|                         |          |                     | Water                        | 7732-18-5                           | 50%                                                      | 0.02444%                                                 |
|                         |          |                     | Methanol                     | 67-56-1                             | 0.5%                                                     | 0.00024%                                                 |
| PC 20/40                | Santral  | Proppant            | Crystalline Silica (Quartz)  | 14808-60-7                          | 97%                                                      | 0.93858%                                                 |
|                         |          |                     | Phenol-Formaldehyde          | 9003-35-4                           | 5%                                                       | 0.04838%                                                 |
|                         |          |                     | Novalac Resin                |                                     |                                                          |                                                          |
|                         |          |                     | Hexamethylenetetramine       | 100-97-0                            | 1%                                                       | 0.00968%                                                 |
| Sand, Texas Gold, 40/70 | FTSI     | Proppant            | Crystalline Silica (Quartz)  |                                     | 100%                                                     | 3.22439%                                                 |
| Sand, White, 100 Mesh   | Santral  | Proppant            | Crystalline Silica (Quartz)  |                                     | 100%                                                     | 0.21101%                                                 |
| Sand Texas Gold, 20/40  | FTSI     | Proppant            | Crystalline Silica (Quartz)  |                                     | 100%                                                     | 2.97835%                                                 |
| Water                   | Operator | Carrier             | Water                        | 7732-18-5                           | 100%                                                     | 91.09353%                                                |
| HCl, 15.1 - 20%         | FTSI     | Acidizing           | Hydrochloric Acid            | 7647-01-0                           | 15%                                                      | 0.17738%                                                 |
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| Sand Texas Gold, 20/40  | FTSI     | Proppant            | Crystalline Silica (Quartz)  |                                     | 100%                                                     | 2.97835%                                                 |

18. 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: Tina Huerta

Regulatory Reporting Title: Supervisor

Date: 1/3/2013

E-mail Address: tinah@ypcnm.com

NMOCDD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCDD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.