

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:  
30-025-42533

2. Well Name:  
NORTH THISTLE 2 STATE #001H

3. Well Number:  
001H

HYDRAULIC FRACTURING FLUID  
DISCLOSURE

☒ Original  
☐ Amendment

4. Surface Hole Location:  
Unit:B    Lot:2    Section:2    Township:23S    Range:33E  
Feet from:505    N/S Line:N  
Feet from:2030    E/W Line:E

5. Bottom Hole Location:  
Unit:B    Lot:2    Section:2    Township:23S    Range:33E  
Feet from:505    N/S Line:N  
Feet from:2030    E/W Line:E

6. latitude:    longitude:  
32.3395968442401    -103.541209799143

7. County:  
Lea

8. Operator Name and Address:  
DEVON ENERGY PRODUCTION COMPANY, LP  
333 W. Sheridan Avenue  
Oklahoma City 73102

9. OGRID:    6137

10. Phone Number:    405-228-8588

11. Last Fracture Date:    2/1/2016    Frac Performed by:    FTS International Services

12. Production Type:  
O

13. Pool Code(s):  
7320

14. Gross Fractured Interval:  
Confidential

15. True Vertical Depth (TVD):  
9,576 ft

16. Total Volume of Fluid Pumped:  
61,580,770 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%                                                     | 89.4926335%                                              |
| CI-150            | FTSI     | Acid Corrosion Inhibitor | Isopropanol                                                        | 67-63-0                             | 30%                                                      | 0.0002637%                                               |
|                   |          |                          | Dimethylformamide                                                  | 68-12-2                             | 10%                                                      | 8.79E-05%                                                |
|                   |          |                          | Organic amine resin salt                                           | Proprietary                         | 30%                                                      | 0.0002637%                                               |
|                   |          |                          | Quaternary ammonium compound                                       | Proprietary                         | 10%                                                      | 8.79E-05%                                                |
|                   |          |                          | Aromatic aldehyde                                                  | Proprietary                         | 30%                                                      | 0.0002637%                                               |
|                   |          |                          | Ethylene Glycol                                                    | 107-21-1                            | 30%                                                      | 0.0002637%                                               |
|                   |          |                          | Water                                                              | 7732-18-5                           | 5%                                                       | 4.39E-05%                                                |
|                   |          |                          | Fatty Acid                                                         | Proprietary                         | 0.1%                                                     | 9E-07%                                                   |
|                   |          |                          | Fatty Acid Salt                                                    | Proprietary                         | 0.1%                                                     | 9E-07%                                                   |
|                   |          |                          | Aliphatic alcohol                                                  | Proprietary                         | 0.1%                                                     | 9E-07%                                                   |
|                   |          |                          | Alkylene Oxide Block Polymer                                       | Proprietary                         | 10%                                                      | 8.79E-05%                                                |
|                   |          |                          | Polyalkylene glycol                                                | Proprietary                         | 10%                                                      | 8.79E-05%                                                |
|                   |          |                          | Diethylene glycol                                                  | 111-46-6                            | 1%                                                       | 8.8E-06%                                                 |
|                   |          |                          | Sodium chloride                                                    | 7647-14-5                           | 20%                                                      | 0.0060053%                                               |
|                   |          |                          | Sodium chlorite                                                    | 7758-19-2                           | 5%                                                       | 0.0015013%                                               |
| CS POLYBREAK 210W | FTSI     | Polymer breaker          | Water                                                              | 7732-18-5                           | 90%                                                      | 0.027024%                                                |
|                   |          |                          | Stabilized Aqueous Chlorine Dioxide                                | 10049-04-4                          | 5%                                                       | 0.0015013%                                               |
|                   |          |                          | Sodium Hydroxide                                                   | 1310-73-2                           | 0.5%                                                     | 0.0001501%                                               |
|                   |          |                          | Tetrasodium EDTA                                                   | 64-02-8                             | 41%                                                      | 0.0004755%                                               |
|                   |          |                          | Sodium Hydroxide                                                   | 1310-73-2                           | 2%                                                       | 2.32E-05%                                                |
|                   |          |                          | Trisodium Nitrotriacetic acid                                      | 5064-31-3                           | 2%                                                       | 2.32E-05%                                                |
|                   |          |                          | Ethylenediaminetriacetic acid, trisodium salt                      | 19019-43-3                          | 0.8%                                                     | 9.3E-06%                                                 |
|                   |          |                          | Water                                                              | 7732-18-5                           | 65%                                                      | 0.0007538%                                               |
|                   |          |                          | Sodium formate                                                     | 141-53-7                            | 0.6%                                                     | 7E-06%                                                   |
|                   |          |                          | Sodium glycolate                                                   | 2836-32-0                           | 1.5%                                                     | 1.74E-05%                                                |
|                   |          |                          | Iminodiacetate disodium salt                                       | 17593-73-6                          | 0.2%                                                     | 2.3E-06%                                                 |
|                   |          |                          | Copolymer of 2-Propenamide                                         | 69418-26-4                          | 30%                                                      | 0.0092352%                                               |
|                   |          |                          | Hydrotreated Petroleum Distillate                                  | 64742-47-8                          | 25%                                                      | 0.007696%                                                |
|                   |          |                          | Alcohol Ethoxylate Surfactants                                     | Trade Secret                        | 2%                                                       | 0.0006157%                                               |
|                   |          |                          | Oleic Acid Diethanolamide                                          | 93-84-4                             | 2%                                                       | 0.0006157%                                               |
| FE-200L           | FTSI     | Iron Control             | Water                                                              | 7732-18-5                           | 50%                                                      | 0.015392%                                                |
|                   |          |                          | Ammonium Chloride                                                  | 12125-02-9                          | 1%                                                       | 0.0003078%                                               |
|                   |          |                          | 2-Butoxyethanol                                                    | 111-76-2                            | 10%                                                      | 0.0086328%                                               |
|                   |          |                          | 2-Propanol                                                         | 67-63-0                             | 10%                                                      | 0.0086328%                                               |
|                   |          |                          | Dodecylbenzenesulfonic acid                                        | 27176-87-0                          | 5%                                                       | 0.0043164%                                               |
|                   |          |                          | Water                                                              | 7732-18-5                           | 90%                                                      | 0.0776951%                                               |
|                   |          |                          | Hydrogen Chloride                                                  | 7647-01-0                           | 37%                                                      | 0.1841986%                                               |
|                   |          |                          | Water                                                              | 7732-18-5                           | 63%                                                      | 0.3136354%                                               |
|                   |          |                          | Dazomet (Tetrahydro-3, 5-dimethyl-2H-1, 3, 5-thiadiazine-2-thione. | 533-74-4                            | 24%                                                      | 0.0061216%                                               |
|                   |          |                          | Sodium Hydroxide                                                   | 1310-73-2                           | 23%                                                      | 0.0058665%                                               |
|                   |          |                          | Water                                                              | 7732-18-5                           | 55%                                                      | 0.0140286%                                               |
|                   |          |                          | Ethylene glycol                                                    | 107-21-1                            | 10%                                                      | 0.0010987%                                               |
|                   |          |                          | Citric Acid                                                        | 77-92-9                             | 50%                                                      | 0.0054936%                                               |
|                   |          |                          | Water                                                              | 7732-18-5                           | 75%                                                      | 0.0082404%                                               |
|                   |          |                          | Ammonium Persulfate                                                | 7727-54-0                           | 100%                                                     | 0.0009565%                                               |
| FRW-920           | FTSI     | Non-emulsifier           | Guar gum                                                           | 9000-30-0                           | 55%                                                      | 0.0534995%                                               |
|                   |          |                          | Raffinates, Sorption Process                                       | 64741-85-1                          | 55%                                                      | 0.0534995%                                               |
|                   |          |                          | Quartz                                                             | 14808-60-7                          | 4%                                                       | 0.0038909%                                               |
|                   |          |                          | Isotridecanol, ethoxylated                                         | 9043-30-5                           | 2%                                                       | 0.0019454%                                               |
|                   |          |                          | Petroleum Distillate                                               | 64742-47-8                          | 55%                                                      | 0.0534995%                                               |
|                   |          |                          | Suspending Agent                                                   | 1302-78-9                           | 5%                                                       | 0.0048636%                                               |
|                   |          |                          | Silica, Quartz                                                     | 14808-60-7                          | 100%                                                     | 7.7340377%                                               |
|                   |          |                          | Silica, Quartz                                                     | 14808-60-7                          | 100%                                                     | 1.9915957%                                               |
| 40/70 White       | FTSI     | proppant                 |                                                                    |                                     |                                                          |                                                          |
| 100 Mesh Sand     | FTSI     | proppant                 |                                                                    |                                     |                                                          |                                                          |

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:    Rebecca Deal    Title:    Regulatory Professional

Date:    3/16/2016

E-mail Address:    rebecca.deal@dvn.com

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