

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

HYDRAULIC FRACTURING FLUID  
DISCLOSURE

☒ Original  
☐ Amendment

4. Surface Hole Location:  
Unit:M    Lot:M    Section:33    Township:23S    Range:33E  
Feet from:200    N/S Line:S  
Feet from:500    E/W Line:W

5. Bottom Hole Location:  
Unit:M    Lot:M    Section:33    Township:23S    Range:33E  
Feet from:200    N/S Line:S  
Feet from:500    E/W Line:W

6. latitude:    longitude:  
32.2545217528526    -  
103.584144548942

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:    4/15/2013    Frac Performed by:    HES

12. Production Type:  
O

13. Pool Code(s):  
59900

14. Gross Fractured Interval:  
Confidential

15. True Vertical Depth (TVD):  
11,121 ft

16. Total Volume of Fluid Pumped:  
2,642,482 gals

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) |
|----------------------------------------------------|-------------|----------------------|---------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------------------|----------------------------------------------------------|
| Fresh Water                                        | Operator    |                      |                                                                                 |                                     | 100%                                                     | 83.99612%                                                |
| HYDROCHLORIC ACID 10-30%                           | Halliburton |                      | Hydrochloric acid                                                               | 7647-01-0                           | 30%                                                      | 0.47593%                                                 |
| 100 Mesh                                           | Halliburton | Proppant             | Crystalline silica, quartz                                                      | 14808-60-7                          | 100%                                                     | 3.42834%                                                 |
| Premium White - 30/50                              | Halliburton | Proppant             | Crystalline silica, quartz                                                      | 14808-60-7                          | 100%                                                     | 8.04688%                                                 |
| CRC-20/40                                          | Halliburton | Proppant             | Crystalline silica, quartz                                                      | 14808-60-7                          | 100%                                                     | 2.41863%                                                 |
|                                                    |             |                      | Hexamethylenetetramine                                                          | 100-97-0                            | 2%                                                       | 0.04837%                                                 |
|                                                    |             |                      | Phenol / formaldehyde resin                                                     | 9003-35-4                           | 5%                                                       | 0.12093%                                                 |
| BE-9                                               | Halliburton | Biocide              | Tributyl tetradecyl phosphonium chloride                                        | 81741-28-8                          | 10%                                                      | 0.0035%                                                  |
| RockOn™ MX 5-2556                                  | Multi-Chem  | Surfactant           | Ethoxylated Alcohol                                                             | Proprietary                         | 13%                                                      | 0.0095%                                                  |
|                                                    |             |                      | Propoxylated Alcohol                                                            | Proprietary                         | 13%                                                      | 0.0095%                                                  |
| CLA-WEB™                                           | Halliburton | Additive             | Ammonium salt                                                                   | Confidential Business Information   | 60%                                                      | 0.02966%                                                 |
| FR-66                                              | Halliburton | Friction Reducer     | Hydrotreated light petroleum distillate                                         | 64742-47-8                          | 30%                                                      | 0.01078%                                                 |
| MO-67                                              | Halliburton | pH Control Additive  | Sodium hydroxide                                                                | 1310-73-2                           | 30%                                                      | 0.00771%                                                 |
| CL-22 UC                                           | Halliburton | Crosslinker          | Potassium formate                                                               | 590-29-4                            | 60%                                                      | 0.02297%                                                 |
| CL-31 CROSSLINKER                                  | Halliburton | Crosslinker          | Potassium hydroxide                                                             | 1310-58-3                           | 5%                                                       | 0.00078%                                                 |
|                                                    |             |                      | Potassium metaborate                                                            | 13709-94-9                          | 60%                                                      | 0.00931%                                                 |
| BA-20 BUFFERING AGENT                              | Halliburton | Buffer               | Acetic acid                                                                     | 64-19-7                             | 30%                                                      | 0.00304%                                                 |
|                                                    |             |                      | Ammonium acetate                                                                | 631-61-8                            | 100%                                                     | 0.01015%                                                 |
| D-AIR 3000L                                        | Halliburton | Defoamer             | Alkenes                                                                         | Confidential Business Information   | 100%                                                     | 0.02762%                                                 |
|                                                    |             |                      | Silica, amorphous precipitated                                                  | 67762-90-7                          | 30%                                                      | 0.00829%                                                 |
| LoSurf-300D                                        | Halliburton | Non-ionic Surfactant | 1,2,4 Trimethylbenzene                                                          | 95-63-6                             | 1%                                                       | 0.00065%                                                 |
|                                                    |             |                      | Ethanol                                                                         | 64-17-5                             | 60%                                                      | 0.0393%                                                  |
|                                                    |             |                      | Heavy aromatic petroleum naphtha                                                | 64742-94-5                          | 30%                                                      | 0.01965%                                                 |
|                                                    |             |                      | Naphthalene                                                                     | 91-20-3                             | 5%                                                       | 0.00327%                                                 |
|                                                    |             |                      | Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched        | 127087-87-0                         | 5%                                                       | 0.00327%                                                 |
| OptiKleen-WF™                                      | Halliburton | Concentrate          | Sodium perborate tetrahydrate                                                   | 10486-00-7                          | 100%                                                     | 0.00317%                                                 |
| SP BREAKER                                         | Halliburton | Breaker              | Sodium persulfate                                                               | 7775-27-1                           | 100%                                                     | 0.0058%                                                  |
| OPTIFLO-III DELAYED RELEASE BREAKER                | Halliburton | Breaker              | Ammonium persulfate                                                             | 7727-54-0                           | 100%                                                     | 0.00381%                                                 |
| WG-36 GELLING AGENT                                | Halliburton | Gelling Agent        | Crystalline silica, quartz                                                      | 14808-60-7                          | 30%                                                      | 0.00114%                                                 |
| Ingredients Listed Below This Line Are Part of the |             |                      | Guar gum                                                                        | 9000-30-0                           | 100%                                                     | 0.13462%                                                 |
|                                                    |             |                      | Acrylate Polymer                                                                | Proprietary                         | 0%                                                       | 0%                                                       |
|                                                    |             |                      | Alcohols, C12-16, ethoxylated                                                   | 68551-12-2                          | 0%                                                       | 0%                                                       |
|                                                    |             |                      | Amine Salts                                                                     | 75-57-0                             | 0%                                                       | 0%                                                       |
|                                                    |             |                      | Amine Salts                                                                     | 593-81-7                            | 0%                                                       | 0%                                                       |
|                                                    |             |                      | Ammonium chloride                                                               | 12125-02-9                          | 0%                                                       | 0%                                                       |
|                                                    |             |                      | Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex | 121888-68-4                         | 0%                                                       | 0%                                                       |
|                                                    |             |                      | Borate salts                                                                    | 92908-33-3                          | 0%                                                       | 0%                                                       |
|                                                    |             |                      | Crystalline silica, quartz                                                      | 14808-60-7                          | 0%                                                       | 0%                                                       |
|                                                    |             |                      | Cured Acrylic Resin                                                             | Mixture                             | 0%                                                       | 0%                                                       |
|                                                    |             |                      | Oxyalkylated Phenolic Resin                                                     | 29316-47-0                          | 0%                                                       | 0%                                                       |
|                                                    |             |                      | Oxyalkylated Phenolic Resin                                                     | 63428-92-2                          | 0%                                                       | 0%                                                       |
|                                                    |             |                      | Polyacrylamide Copolymer                                                        | 62649-23-4                          | 0%                                                       | 0%                                                       |
|                                                    |             |                      | Polypropylene glycol                                                            | 25322-69-4                          | 0%                                                       | 0%                                                       |
|                                                    |             |                      | Quaternary Amine                                                                | 34004-36-9                          | 0%                                                       | 0%                                                       |
|                                                    |             |                      | Quaternary Amine                                                                | 3327-22-8                           | 0%                                                       | 0%                                                       |
|                                                    |             |                      | Quaternary Amine                                                                | 75-50-3                             | 0%                                                       | 0%                                                       |
|                                                    |             |                      | Silica gel                                                                      | 112926-00-8                         | 0%                                                       | 0%                                                       |
|                                                    |             |                      | Sodium carboxymethyl cellulose                                                  | 9004-32-4                           | 0%                                                       | 0%                                                       |
|                                                    |             |                      | Sodium Chloride                                                                 | 7647-14-5                           | 0%                                                       | 0%                                                       |
|                                                    |             |                      | Sodium glycolate                                                                | 2836-32-0                           | 0%                                                       | 0%                                                       |
|                                                    |             |                      | Sodium sulfate                                                                  | 7757-82-6                           | 0%                                                       | 0%                                                       |
|                                                    |             |                      | Sorbitan monooleate polyoxyethylene derivative                                  | 9005-65-6                           | 0%                                                       | 0%                                                       |
|                                                    |             |                      | Sorbitan, mono-9-octadecenoate, (Z)                                             | 1338-43-8                           | 0%                                                       | 0%                                                       |
|                                                    |             |                      | Surfactant Mixture                                                              | 67254-71-1                          | 0%                                                       | 0%                                                       |
|                                                    |             |                      | Surfactant Mixture                                                              | 56449-46-8                          | 0%                                                       | 0%                                                       |
|                                                    |             |                      | Tall oil acid diethanolamide                                                    | 68155-20-4                          | 0%                                                       | 0%                                                       |
|                                                    |             |                      | Water                                                                           | 7732-18-5                           | 0%                                                       | 0%                                                       |

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:    Derek Berg    Title:    Engineering Technician

Date:    10/14/2013

E-mail Address:    derek.berg@dvn.com

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