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State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

Revised November 8, 2013

HYDRAULIC FRACTURING FLUID  
DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:  
Unit:N    Lot:N    Section:24    Township:19S    Range:29E  
Feet from:200    N/S Line:S  
Feet from:2080    E/W Line:W

5. Bottom Hole Location:  
Unit:N    Lot:N    Section:24    Township:19S    Range:29E  
Feet from:200    N/S Line:S  
Feet from:2080    E/W Line:W

6. Latitude:    32.6392925429274    Longitude:    -104.030176609695

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:    6/3/2014    Frac Performed by:    Halliburton

12. Production Type:  
O

13. Pool Code(s):  
60650

14. Gross Fractured Interval:  
8,511 ft to 12,703 ft

15. True Vertical Depth (TVD):  
7,903 ft

16. Total Volume of Fluid Pumped:  
2,699,446 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) |
|----------------------------------------------------|-------------|---------------------|-----------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------------------|----------------------------------------------------------|
| Fresh Water                                        | Operator    |                     |                                                                                               |                                     |                                                          | 81.76372%                                                |
| FE ACID - <10% HCL                                 | Halliburton |                     | Hydrochloric acid                                                                             | 7647-01-0                           | 10%                                                      | 0.29183%                                                 |
| SAND - PREMIUM WHITE                               | Halliburton | Proppant            | Crystalline silica, quartz                                                                    | 14808-60-7                          | 100%                                                     | 11.53459%                                                |
| CRC SAND                                           | Halliburton | Proppant            | Crystalline silica, quartz                                                                    | 14808-60-7                          | 100%                                                     | 3.18981%                                                 |
|                                                    |             |                     | Hexamethylenetetramine                                                                        | 100-97-0                            | 2%                                                       | 0.0638%                                                  |
|                                                    |             |                     | Phenol / formaldehyde resin                                                                   | 9003-35-4                           | 5%                                                       | 0.15949%                                                 |
| HAI-OS ACID INHIBITOR                              | Halliburton | Corrosion Inhibitor | Methanol                                                                                      | 67-56-1                             | 60%                                                      | 0.00294%                                                 |
|                                                    |             |                     | Propargyl alcohol                                                                             | 107-19-7                            | 10%                                                      | 0.00049%                                                 |
| LoSurf-360                                         | Halliburton | Surfactant          | Complex alkylamine                                                                            | Confidential Business Information   | 5%                                                       | 0.00221%                                                 |
|                                                    |             |                     | Glycerine                                                                                     | 56-81-5                             | 10%                                                      | 0.00442%                                                 |
|                                                    |             |                     | Poly(oxy-1,2-ethanediyl), alpha-isodecyl-omega-hydroxy-                                       | 61827-42-7                          | 30%                                                      | 0.01327%                                                 |
| BE-9                                               | Halliburton | Biocide             | Tributyl tetradecyl phosphonium chloride                                                      | 81741-28-8                          | 10%                                                      | 0.00416%                                                 |
| HpH BREAKER                                        | Halliburton | Breaker             | Sodium chloride                                                                               | 7647-14-5                           | 30%                                                      | 0.0126%                                                  |
| Cla-Web™                                           | Halliburton | Additive            | Ammonium salt                                                                                 | Confidential Business Information   | 60%                                                      | 0.02954%                                                 |
| Scalechek® LP-65 Scale Inhibitor                   | Halliburton | Scale Inhibitor     | Ammonium chloride                                                                             | 12125-02-9                          | 10%                                                      | 0.00489%                                                 |
| MO-67                                              | Halliburton | pH Control Additive | Sodium hydroxide                                                                              | 1310-73-2                           | 30%                                                      | 0.00169%                                                 |
| SUPERSET W                                         | Halliburton | Activator           | Methanol                                                                                      | 67-56-1                             | 60%                                                      | 0.0278%                                                  |
|                                                    |             |                     | Ethoxylated nonylphenol                                                                       | Confidential Business Information   | 60%                                                      | 0.0278%                                                  |
| FR-66                                              | Halliburton | Friction Reducer    | Hydrotreated light petroleum distillate                                                       | 64742-47-6                          | 30%                                                      | 0.00237%                                                 |
| CLA-STA XP ADDITIVE                                | Halliburton | Clay Stabilizer     | Polyepichlorohydrin, trimethyl amine quaternized                                              | 51838-31-4                          | 60%                                                      | 0.01373%                                                 |
| BC-140 X2                                          | Halliburton | Initiator           | Ethylene glycol                                                                               | 107-21-1                            | 10%                                                      | 0.01418%                                                 |
| OPTIFLO-HTE                                        | Halliburton | Breaker             | Monoethanolamine borate                                                                       | 26038-87-9                          | 30%                                                      | 0.04725%                                                 |
|                                                    |             |                     | Crystalline silica, quartz                                                                    | 14808-60-7                          | 30%                                                      | 0.00257%                                                 |
|                                                    |             |                     | Walnut hulls                                                                                  | Mixture                             | 100%                                                     | 0.00857%                                                 |
| Scalechek® SCP-2 Scale Inhibitor                   | Halliburton | Scale Preventer     | Glassy calcium magnesium phosphate                                                            | 65997-17-3                          | 100%                                                     | 0.02%                                                    |
| OptiKleen-WF™                                      | Halliburton | Concentrate         | Sodium perborate tetrahydrate                                                                 | 10486-00-7                          | 100%                                                     | 0.00057%                                                 |
| WG-36 GELLING AGENT                                | Halliburton | Gelling Agent       | Guar gum                                                                                      | 9000-30-0                           | 100%                                                     | 0.20352%                                                 |
| Ingredients Listed Below This Line Are Part of the |             |                     | 1,2-Benzisothiazolin-3-one                                                                    | 2634-33-5                           | 0%                                                       | 0%                                                       |
|                                                    |             |                     | 2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfur-1-naphthalenyl) azo] -, trisodium salt | 915-67-3                            | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Acetic acid                                                                                   | 64-19-7                             | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Acetic anhydride                                                                              | 108-24-7                            | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Alcohols, C12-16, ethoxylated                                                                 | 68551-12-2                          | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Alcohols, C14-C15, ethoxylated                                                                | 68951-67-7                          | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Alkane                                                                                        | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Amine salts                                                                                   | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Amine salts                                                                                   | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Ammonium chloride                                                                             | 12125-02-9                          | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Bentonite, benzylhydrogenated tallow alkyl) dimethylammonium stearate complex                 | 121898-58-4                         | 0%                                                       | 0%                                                       |
|                                                    |             |                     | C.I. Pigment Red 5                                                                            | 6410-41-9                           | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Calcium chloride                                                                              | 10043-52-4                          | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Citric acid                                                                                   | 77-92-9                             | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Crystalline Silica, Quartz                                                                    | 14808-60-7                          | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Cured acrylic resin                                                                           | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Cured acrylic resin                                                                           | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Enzyme                                                                                        | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Enzyme                                                                                        | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Ethylenediaminetetraacetic acid, tetrasodium salt                                             | 64-02-8                             | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Fatty acid tall oil amide                                                                     | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Fatty acids, tall oil                                                                         | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Formaldehyde                                                                                  | 50-00-0                             | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Hydrogen peroxide                                                                             | 7722-84-1                           | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Nitrotriacetic acid, trisodium salt monohydrate                                               | 5064-31-3                           | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Olefins                                                                                       | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Olefins                                                                                       | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Olefins                                                                                       | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Olefins                                                                                       | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Organic phosphonate                                                                           | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Polycrylamide copolymer                                                                       | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Quaternary amine                                                                              | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Quaternary amine                                                                              | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Quaternary amine                                                                              | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide | 68527-49-1                          | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Silica gel                                                                                    | 112926-00-8                         | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Sodium bicarbonate                                                                            | 144-55-8                            | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Sodium chloride                                                                               | 7647-14-5                           | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Sodium glycolate                                                                              | 2836-32-0                           | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Sodium hydroxide                                                                              | 1310-73-2                           | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Sorbitan monooleate                                                                           | 9005-65-6                           | 0%                                                       | 0%                                                       |
|                                                    |             |                     | polyoxyethylene derivative                                                                    |                                     |                                                          |                                                          |
|                                                    |             |                     | Sorbitan, mono-9-octadecenoate, (Z)                                                           | 1338-43-8                           | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Surfactant mixture                                                                            | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Surfactant mixture                                                                            | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Trimethylamine, N-oxide                                                                       | 1184-78-7                           | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Water                                                                                         | 7732-18-5                           | 0%                                                       | 0%                                                       |

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:    Tina Huerta

Date:    7/25/2014

E-mail Address:    ttnah@ypcnm.com

Regulatory Reporting Supervisor

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