

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

HYDRAULIC FRACTURING FLUID  
DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:  
Unit:A    Lot:A    Section:34    Township:24S    Range:33E  
Feet from:250    N/S Line:N  
Feet from:865    E/W Line:E

5. Bottom Hole Location:  
Unit:A    Lot:A    Section:34    Township:24S    Range:33E  
Feet from:250    N/S Line:N  
Feet from:865    E/W Line:E

6. latitude:    longitude:  
32.1806464537046    -103.554450358367

7. County:  
Lea

8. Operator Name and Address:  
EOG RESOURCES INC  
P.O. Box 2267  
Midland 79702

9. OGRID:    7377

10. Phone Number:    432-686-3689

11. Last Fracture Date:    5/8/2015    Frac Performed by:    Pumpco Services

12. Production Type:  
O

13. Pool Code(s):  
96682

14. Gross Fractured Interval:  
11,897 ft to 16,052 ft

15. True Vertical Depth (TVD):  
11,897 ft

16. Total Volume of Fluid Pumped:  
7,688,743 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                    | EOG                      | Carrier/Base Fluid                                  | Water                                                  | 7732-18-5                           | 100%                                                     | 89.56483%                                                |
| Sand                     | EOG                      | Proppant                                            | Crystalline Silica                                     | 14808-60-7                          | 100%                                                     | 9.65551%                                                 |
| Hydrochloric Acid        | Pumpco                   | Acid                                                | Hydrochloric Acid                                      | 7647-01-0                           | 7.5%                                                     | 0.05277%                                                 |
|                          |                          |                                                     | Water                                                  | 7732-18-5                           | 100%                                                     | 0.70356%                                                 |
| Plexgel Breaker XPA      | Chemplex                 | Breaker for slickwater fracs                        | Hydrogen Peroxide                                      | 7722-84-1                           | 8%                                                       | 0.00013%                                                 |
|                          |                          |                                                     | Water                                                  | 7732-18-5                           | 93%                                                      | 0.00152%                                                 |
| Plexflow RTS             | Chemplex                 | Oil field Surfactant                                | Isopropyl Alcohol                                      | 67-63-0                             | 80%                                                      | 0.0125%                                                  |
|                          |                          |                                                     | Polymers Derived from Fatty Acids                      | Trade Secret                        | 10%                                                      | 0.00156%                                                 |
|                          |                          |                                                     | Polyethylene Glycol                                    | 25322-68-3                          | 1%                                                       | 0.00016%                                                 |
|                          |                          |                                                     | Vegetable Oil                                          | Proprietary                         | 1%                                                       | 0.00016%                                                 |
|                          |                          |                                                     | Dimer Fatty Acids                                      | Proprietary                         | 1%                                                       | 0.00016%                                                 |
|                          |                          |                                                     | Heavy Aromatic Naptha                                  | 64742-94-5                          | 5%                                                       | 0.00078%                                                 |
|                          |                          |                                                     | Naphthalene                                            | 91-20-3                             | 1%                                                       | 0.00016%                                                 |
|                          |                          |                                                     | Ethoxylated Nonyl Phenol-Formaldehyde Resin            | 30846-35-6                          | 10%                                                      | 0.00156%                                                 |
|                          |                          |                                                     | Fluoroalkyl Alcohol Substituted Polyethylene Glycol    | 65545-80-4                          | 1%                                                       | 0.00016%                                                 |
|                          |                          |                                                     | 1,4-Dioxane                                            | 123-91-1                            | 0.1%                                                     | 2E-05%                                                   |
|                          |                          |                                                     | Dipropylene Glycol Methyl Ether                        | 34590-94-8                          | 0.1%                                                     | 2E-05%                                                   |
|                          |                          |                                                     | Water                                                  | 7732-18-5                           | 0.1%                                                     | 2E-05%                                                   |
| Plexslick 957            | Chemplex                 | Anionic water-soluble polymer in emulsion form      | Ammonium Chloride                                      | 12125-02-9                          | 5%                                                       | 0.00093%                                                 |
|                          |                          |                                                     | Nonionic Surfactants                                   | Trade Secret                        | 10%                                                      | 0.00185%                                                 |
|                          |                          |                                                     | Paraffinic, Naphthenic Solvent                         | 64742-47-8                          | 30%                                                      | 0.00555%                                                 |
|                          |                          |                                                     | Poly (acrylamide-co-acrylic acid), partial sodium salt | 62649-23-4                          | 35%                                                      | 0.00648%                                                 |
|                          |                          |                                                     | Sodium Chloride                                        | 7647-14-5                           | 5%                                                       | 0.00093%                                                 |
|                          |                          |                                                     | Water                                                  | 7732-18-5                           | 40%                                                      | 0.00741%                                                 |
| Plexhib 256              | Chemplex                 | Corrosion inhibitor for hydrochloric acid           | Methyl Alcohol                                         | 67-56-1                             | 60%                                                      | 0.0003%                                                  |
|                          |                          |                                                     | Propargyl Alcohol                                      | 107-19-7                            | 10%                                                      | 5E-05%                                                   |
|                          |                          |                                                     | Thiourea/Formaldehyde Copolymer                        | 68527-49-1                          | 30%                                                      | 0.00015%                                                 |
|                          |                          |                                                     | Polyethoxylated Alcohol Surfactant                     | 68951-67-7                          | 30%                                                      | 0.00015%                                                 |
|                          |                          |                                                     | C-14 to C-16 Alpha Olefins                             | 64743-02-8                          | 5%                                                       | 3E-05%                                                   |
| Ferriplex 40             | Chemplex                 | Iron Control Agent                                  | Sodium Hydroxide                                       | 1310-73-2                           | 1%                                                       | 1E-05%                                                   |
|                          |                          |                                                     | Sodium Sulfate Anhydrous                               | 7757-82-6                           | 2%                                                       | 2E-05%                                                   |
|                          |                          |                                                     | Trisodium Nitrioltriacetate                            | 5064-31-3                           | 40%                                                      | 0.0004%                                                  |
|                          |                          |                                                     | Water                                                  | 7732-18-5                           | 60%                                                      | 0.0006%                                                  |
| Claymax                  | Chemplex                 | Potassium Chloride Substitute in Oil Well Treatment | No Hazardous Ingredients                               | NA                                  | 0%                                                       | 0%                                                       |
| Oil Soluble Tracer (OST) | Spectrum Tracer Services | Diagnostics                                         | Charcoal                                               | 7440-44-0                           | 90%                                                      | 0.00028%                                                 |
|                          |                          |                                                     | Inert Ingredients                                      | Trade Secret                        | 10%                                                      | 3E-05%                                                   |

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:    Kiera Staples

Environmental Associate

Date:    6/10/2015

E-mail Address:    kiera\_staples@eogresources.com

NMOC

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