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| 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. 30-025-02888 | | | | | | | |
| | | 2. Well Name: VACUUM ABO UNIT #005 | | | | | | | |
| | | 3. Well Number: 005 | | | | | | | |
| HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment | | 4. Surface Hole Location: Unit:A Lot:A Section:26 Township:17S Range:35E Feet from:990 N/S Line:N Feet from:330 E/W Line:E | | | | | | | |
| | | 5. Bottom Hole Location: Unit:A Lot:A Section:26 Township:17S Range:35E Feet from:990 N/S Line:N Feet from:330 E/W Line:E | | | | | | | |
| | | 6. Latitude: Longitude: 32.8103618394924 - 103.420827998588 | | | | | | | |
| | | 7. County: Lea | | | | | | | |
| | | | | | | | | | |
| 8. Operator Name and Address: CONOCOPHILLIPS COMPANY 3401 E. 30th Street Farmington 87402 | | 9. OGRID: 217817 | 10. Phone Number: 505-326-9518 | | | | | | |
| 11. Last Fracture Date: 12/17/2013 Frac Performed by: Halliburton | | 12. Production Type: O | | | | | | | |
| 13. Pool Code(s): 61780 | | 14. Gross Fractured Interval: 8,611 ft to 8,641 ft | | | | | | | |
| 15. True Vertical Depth (TVD): 9,100 ft | | 16. Total Volume of Fluid Pumped: 131,594 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 | Base Fluid | Water | 7732-18-5 | 100% | 86.337% | | | |
| HYDROCHLORIC ACID 5-10% | Halliburton | | Hydrochloric acid | 7647-01-0 | 10% | 0.28228% | | | |
| Premium White 20/40 | Halliburton | Proppant | Crystalline silica, quartz | 14808-60-7 | 100% | 10.0595% | | | |
| ALDACIDE® G ANTIMICROBIAL | Halliburton | Biocide | Glutaraldehyde | 111-30-8 | 30% | 0.0282% | | | |
| LoSurf-360W | Halliburton | Surfactant | Complex alkylamine | Confidential Business Information | 5% | 0.00192% | | | |
| | | | Glycerine | 56-81-5 | 10% | 0.00384% | | | |
| | | | Poly(oxy-1,2-ethanediyl), .alpha.-isodecyl-omega.-hydroxy- | 61827-42-7 | 30% | 0.01153% | | | |
| Scalechek® LP-65 Scale Inhibitor | Halliburton | Scale Inhibitor | Ammonium chloride | 12125-02-9 | 10% | 0.00543% | | | |
| CL-22 UC | Halliburton | Crosslinker | Potassium formate | 590-29-4 | 60% | 0.05053% | | | |
| MO-67 | Halliburton | pH Control Additive | Sodium hydroxide | 1310-73-2 | 30% | 0.02836% | | | |
| CL-31 CROSSLINKER | Halliburton | Crosslinker | Potassium hydroxide | 1310-58-3 | 5% | 0.00348% | | | |
| | | | Potassium metaborate | 13709-94-9 | 60% | 0.04176% | | | |
| SUPERSET W | Halliburton | Activator | Methanol | 67-56-1 | 60% | 0.03722% | | | |
| | | | Ethoxylated nonylphenol | Confidential Business Information | 60% | 0.03722% | | | |
| D-AIR 3000L | Halliburton | Defoamer | Alkenes | Confidential Business Information | 100% | 0.00302% | | | |
| | | | Silica, amorphous precipitated | 67762-90-7 | 30% | 0.0009% | | | |
| WG-36 GELLING AGENT | Halliburton | Gelling Agent | Guar gum | 9000-30-0 | 100% | 0.27236% | | | |
| OPTIFLO-III DELAYED RELEASE BREAKER | Halliburton | Breaker | Ammonium persulfate | 7727-54-0 | 100% | 0.00788% | | | |
| SP BREAKER | Halliburton | Breaker | Crystalline silica, quartz | 14808-60-7 | 30% | 0.00236% | | | |
| | | | Sodium persulfate | 7775-27-1 | 100% | 0.00039% | | | |
| Ingredients Listed Below This Line Are Part of the | | | Acrylate polymer | Confidential Business Information | 0% | 0% | | | |
| | | | Alkane | Confidential Business Information | 0% | 0% | | | |
| | | | Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex | 121888-68-4 | 0% | 0% | | | |
| | | | Borate salts | Confidential Business Information | 0% | 0% | | | |
| | | | Crystalline silica, quartz | 14808-60-7 | 0% | 0% | | | |
| | | | Cured acrylic resin | Confidential Business Information | 0% | 0% | | | |
| | | | Ethylenediaminetetraacetic acid, tetrasodium salt | 64-02-8 | 0% | 0% | | | |
| | | | Formaldehyde | 50-00-0 | 0% | 0% | | | |
| | | | Hydrogen peroxide | 7722-84-1 | 0% | 0% | | | |
| | | | Methanol | 67-56-1 | 0% | 0% | | | |
| | | | Nitrotriacetic acid, trisodium salt monohydrate | 5064-31-3 | 0% | 0% | | | |
| | | | Organic phosphonate | Confidential Business Information | 0% | 0% | | | |
| | | | Polypropylene glycol | 25322-69-4 | 0% | 0% | | | |
| | | | Silica gel | 112926-00-8 | 0% | 0% | | | |
| | | | Sodium bicarbonate | 144-55-8 | 0% | 0% | | | |
| | | | Sodium carboxymethyl cellulose | 9004-32-4 | 0% | 0% | | | |
| | | | Sodium chloride | 7647-14-5 | 0% | 0% | | | |
| | | | Sodium glycollate | 2836-32-0 | 0% | 0% | | | |
| | | | Sodium hydroxide | 1310-73-2 | 0% | 0% | | | |
| | | | Sodium sulfate | 7757-82-6 | 0% | 0% | | | |
| | | | Surfactant mixture | Confidential Business Information | 0% | 0% | | | |
| | | | Surfactant mixture | Confidential Business Information | 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: Rhonda S Rogers | | Staff Regulatory Title: Technician | | |
| | | | Date: 12/19/2013 | | | | | | |
| E-mail Address: rhonda.s.rogers@conocoPhillips.com | | | | | | | | | |

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