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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: 30-025-41163 | | | | | |
| | | 2. Well Name: IRONHOUSE 24 STATE COM #001H | | | | | |
| | | 3. Well Number: 001H | | | | | |
| HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment | | 4. Surface Hole Location: Unit:P Lot:P Section:24 Township:18S Range:34E Feet from:150 N/S Line:S Feet from:825 E/W Line:E | | | | | |
| | | 5. Bottom Hole Location: Unit:P Lot:P Section:24 Township:18S Range:34E Feet from:150 N/S Line:S Feet from:825 E/W Line:E | | | | | |
| | | 6. latitude: longitude: 32.726517764072 -103.508078278142 | | | | | |
| | | 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: 12/15/2013 Frac Performed by: SLB | | 12. Production Type: O | | | | | |
| 13. Pool Code(s): 97930 | | 14. Gross Fractured Interval: Confidential | | | | | |
| 15. True Vertical Depth (TVD): 9,945 ft | | 16. Total Volume of Fluid Pumped: 2,814,622 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) | |
| Slickwater, 15% HCl Acid, YF125FlexD, WF115 | Schlumberger | Activator , Bactericide (Green-Cide 25G), Friction Reducer, Surfactant , Acid, Breaker, Gelling Agen | Water (Including Mix Water Supplied by Client)* | NA | 0% | 0.87% | |
| | | | Crystalline silica | 14808-60-7 | 0% | 0.12% | |
| | | | Hydrochloric acid | 7647-01-0 | 0% | 0% | |
| | | | Guar gum | 9000-30-0 | 0% | 0% | |
| | | | Phenolic resin | 9003-35-4 | 0% | 0% | |
| | | | Ethane-1,2-diol | 107-21-1 | 0% | 0% | |
| | | | Alcohol, C7-9-iso, C8, ethoxylated | 78330-19-5 | 0% | 0% | |
| | | | Propan-2-ol | 67-63-0 | 0% | 0% | |
| | | | Diammonium peroxidisulphate | 7727-54-0 | 0% | 0% | |
| | | | Methanol | 67-56-1 | 0% | 0% | |
| | | | Distillates (petroleum), hydrotreated light | 64742-47-8 | 0% | 0% | |
| | | | Acrylamide/ammonium acrylate copolymer | 26100-47-0 | 0% | 0% | |
| | | | Gum, xanthan | 11138-66-2 | 0% | 0% | |
| | | | Glutaraldehyde | 111-30-8 | 0% | 0% | |
| | | | Polyethylene glycol monohexyl ether | 31726-34-8 | 0% | 0% | |
| | | | Sodium hydroxide | 1310-73-2 | 0% | 0% | |
| | | | Ammonium chloride | 12125-02-9 | 0% | 0% | |
| | | | Sodium tetraborate | 1330-43-4 | 0% | 0% | |
| | | | Vinylidene chloride/methylacrylate copolymer | 25038-72-6 | 0% | 0% | |
| | | | Alcohol, C9-11-iso, C10, ethoxylated | 78330-20-8 | 0% | 0% | |
| | | | Ethoxylated propoxylated 4-nonylphenol-formaldehyde resin | 30846-35-6 | 0% | 0% | |
| | | | Sorbitan monooleate | 1338-43-8 | 0% | 0% | |
| | | | Ethoxylated oleic acid | 9004-96-0 | 0% | 0% | |
| | | | Heavy aromatic naphtha | 64742-94-5 | 0% | 0% | |
| | | | Alcohol, C11-14, ethoxylated | 78330-21-9 | 0% | 0% | |
| | | | Quaternary ammonium compounds chlorides derivatives | 68989-00-4 | 0% | 0% | |
| | | | Poly(oxy-1,2-ethanediyl) | 25322-68-3 | 0% | 0% | |
| | | | Non-crystalline silica | 7631-86-9 | 0% | 0% | |
| | | | Sorbitol Tetraoleate | 61723-83-9 | 0% | 0% | |
| | | | Sodium sulfocyanate | 540-72-7 | 0% | 0% | |
| | | | 2-Propenoic acid, ammonium salt | 10604-69-0 | 0% | 0% | |
| | | | Dicoco dimethyl quaternary ammonium chloride | 61789-77-3 | 0% | 0% | |
| | | | Alcohols, C10-C16, ethoxylated | 68002-97-1 | 0% | 0% | |
| | | | Naphtalene (impurity) | 91-20-3 | 0% | 0% | |
| | | | C14 alpha olefin ethoxylate | 84133-50-6 | 0% | 0% | |
| | | | Alcohols, C12-C16, ethoxylated | 68551-12-2 | 0% | 0% | |
| | | | Alcohols, C12-C14, ethoxylated | 68439-50-9 | 0% | 0% | |
| | | | Magnesium silicate hydrate (talc) | 14807-96-6 | 0% | 0% | |
| | | | 2-propenamid | Ge0eral | 0% | 0% | |
| | | | poly (tetrafluoroethylene) | 9002-84-0 | 0% | 0% | |
| † Proprietary Technology | | | | | 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: Derek Berg | | Title: Engineering Technician | | | | | |
| Date: 4/21/2014 | | | | | | | |
| E-mail Address: derek.berg@dvn.com | | | | | | | |

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