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|--|--|--|--|-------------------------------------|--|--|
| Submit within 45 days of well completion   | State of New Mexico<br>Energy, Minerals and Natural Resources<br>Oil Conservation Division<br>1220 S. St Francis Dr.<br>Santa Fe, NM 87505 | Revised November 6, 2013   |  |                                     |  |  |
|  |  | 1. WELL API NO.<br>30-015-29766  |  |                                     |  |  |
|  |  | 2. Well Name:<br>GRAYBURG DEEP UNIT #014   |  |                                     |  |  |
|  |  | 3. Well Number:<br>014   |  |                                     |  |  |
| HYDRAULIC FRACTURING FLUID<br>DISCLOSURE<br><input checked="" type="checkbox"/> Original<br><input type="checkbox"/> Amendment |  | 4. Surface Hole Location:<br>Unit:D    Lot:D    Section:25    Township:17S    Range:29E<br>Feet from:868    N/S Line:N<br>Feet from:1062    E/W Line:W |  |                                     |  |  |
|  |  | 5. Bottom Hole Location:<br>Unit:D    Lot:D    Section:25    Township:17S    Range:29E<br>Feet from:868    N/S Line:N<br>Feet from:1062    E/W Line:W  |  |                                     |  |  |
|  |  | 6. Latitude:<br>32.8104270323074    Longitude:<br>-104.03337102151   |  |                                     |  |  |
|  |  | 7. County:<br>Eddy   |  |                                     |  |  |
| 8. Operator Name and Address:<br>CONOCOPHILLIPS COMPANY<br>3401 E. 30th Street<br>Farmington 87402                             |  | 9. OGRID:<br>217817  | 10. Phone Number:<br>505-326-9518  |                                     |  |  |
| 11. Last Fracture Date:    12/19/2013    Frac Performed by: Baker Hughes   |  | 12. Production Type:<br>G  |  |                                     |  |  |
| 13. Pool Code(s):<br>97601   |  | 14. Gross Fractured Interval:<br>6,150 ft to 6,288 ft  |  |                                     |  |  |
| 15. True Vertical Depth (TVD):<br>6,288 ft   |  | 16. Total Volume of Fluid Pumped:<br>122,556 gals  |  |                                     |  |  |
| 17. Total Volume of Re-Use Water Pumped:<br>N/A  |  | 18. Percent of Re-Use Water in Fluid Pumped:<br>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  | Operator   | Carrier  | Water  | 7732-18-5                           | 100%   | 82.62955%  |
| HCl, 10.1 - 15%  | Baker Hughes   | Acidizing  | Hydrochloric Acid  | 7647-01-0                           | 15%  | 0.23452%   |
| Activator, 330 gal tote  | Baker Hughes   | Activator  | Water  | 7732-18-5                           | 85%  | 1.32895%   |
|  |  |  | Alcohols, C12-14-Secondary, Ethoxylated  | 84133-50-6                          | 70%  | 0.06814%   |
| Alpha 125  | Baker Hughes   | Biocide  | Methanol   | 67-56-1                             | 50%  | 0.04867%   |
|  |  |  | Water  | 7732-18-5                           | 75%  | 0.01986%   |
| GBW-5  | Baker Hughes   | Breaker  | Ammonium persulphate   | 7727-54-0                           | 100%   | 0.00162%   |
| Enzyme G-I   | Baker Hughes   | Breaker  | Contains non-hazardous ingredients which are listed in in the non-MSDS section of the report   | NA                                  | 100%   | 0.03708%   |
| ClayTreat 4390   | Baker Hughes   | Clay Control   | Non-hazardous ingredients (non-MSDS level ingredients are disclosed as dissociated components)   | n/a                                 | 100%   | 0.06179%   |
| CI-27  | Baker Hughes   | Corrosion Inhibitor  | Fatty Acids  | Trade Secret                        | 30%  | 0.00072%   |
|  |  |  | Methanol   | 67-56-1                             | 60%  | 0.00144%   |
|  |  |  | Olefin   | Trade Secret                        | 5%   | 0.00012%   |
|  |  |  | Polyoxyalkylenes   | Trade Secret                        | 30%  | 0.00072%   |
|  |  |  | Propargyl Alcohol  | 107-19-7                            | 10%  | 0.00024%   |
|  |  |  | Thiourea Polymer   | 68527-49-1                          | 30%  | 0.00072%   |
| XLW-10A  | Baker Hughes   | Crosslinker  | Ethylene Glycol  | 107-21-1                            | 30%  | 0.04763%   |
|  |  |  | Sodium Hydroxide   | 1310-73-2                           | 10%  | 0.01588%   |
|  |  |  | Sodium Tetraborate   | 1303-96-4                           | 30%  | 0.04763%   |
|  |  |  | Decahydrate  |                                     |  |  |
| BioSealers MR  | Baker Hughes   | Degradable Sealers   | Non-Hazardous Ingredient   | Trade Secret                        | 100%   | 0.00485%   |
| FRW-18   | Baker Hughes   | Friction Reducer   | Petroleum Distillates  | 64742-47-8                          | 30%  | 0.00622%   |
| GW-4LDF  | Baker Hughes   | Gelling Agent  | Guar Gum   | 9000-30-0                           | 60%  | 0.23216%   |
|  |  |  | Petroleum Distillate Blend (1)   | 64742-47-8                          | 70%  | 0.27085%   |
|  |  |  | Petroleum Distillate Blend (3)   | 8042-47-5                           | 70%  | 0.27085%   |
|  |  |  | Petroluem Distillate Blend (2)   | 64742-55-8                          | 70%  | 0.27085%   |
| Ferrotrol 280L   | Baker Hughes   | Iron Control   | 2-Mercaptoethanol  | 60-24-2                             | 100%   | 0.00445%   |
|  |  |  | Ammonium Hydroxide   | 1336-21-6                           | 5%   | 0.00022%   |
|  |  |  | Cupric Chloride  | 7447-39-4                           | 5%   | 0.00022%   |
| NE-35, 330 gl tote   | Baker Hughes   | Non-emulsifier   | Mixture of Surfactants   | Trade Secret                        | 50%  | 0.03777%   |
|  |  |  | Propylene Glycol   | 57-55-6                             | 30%  | 0.02266%   |
| Sand, Brown, 20/40   | Baker Hughes   | Proppant   | Crystalline Silica   | 14808-60-7                          | 100%   | 10.1897%   |
| SB Excel 20/40   | Baker Hughes   | Proppant   | Quartz (SiO2)  | 14808-60-7                          | 100%   | 3.88465%   |
| InFlo 250G, 330 gl tote  | Baker Hughes   | Surfactant   | Methanol   | 67-56-1                             | 30%  | 0.0267%  |
|  |  |  | Mixture of Surfactants   | Trade Secret                        | 50%  | 0.0445%  |
|  |  |  | Water  | 7732-18-5                           | 30%  | 0.0267%  |
| Ingredients shown above are subject to 29 CFR 1910   |  |  | Choline Chloride   | 67-48-1                             | 0%   | 0.0463411%   |
|  |  |  | Ethoxylated Alcohol  | Trade Secret                        | 0%   | 0.0004145%   |
|  |  |  | Formaldehyde   | 50-00-0                             | 0%   | 1.2E-06%   |
|  |  |  | Glutaraldehyde   | 111-30-8                            | 0%   | 0.0079436%   |
|  |  |  | Hemicellulase  | 9025-56-3                           | 0%   | 0.0011125%   |
|  |  |  | Enzyme Concentrate   |                                     |  |  |
|  |  |  | Methanol   | 67-56-1                             | 0%   | 6.62E-05%  |
|  |  |  | Poly (acrylamide-co-acrylic acid)  | Trade Secret                        | 0%   | 0.0062174%   |
|  |  |  | Salt   | Trade Secret                        | 0%   | 0.0010362%   |
|  |  |  | Sodium Chloride  | 7647-14-5                           | 0%   | 1.2E-05%   |
|  |  |  | Sorbitan Monooleate  | Trade Secret                        | 0%   | 0.0010362%   |
|  |  |  | Water  | 7732-18-5                           | 0%   | 0.0971816%   |
|  |  |  | 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:    1/14/2014   |  |  |  |                                     |  |  |
| E-mail Address:    rhonda.s.rogers@conocoPhillips.com  |  |  |  |                                     |  |  |

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