

Hydraulic Fracturing Fluid Product Component Information Disclosure

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| Fracture Date | 5/11/2012 |
| State: | North Dakota |
| County: | Divide |
| API Number: | 33-023-00792 |
| Operator Name: | Baytex Energy USA Ltd |
| Well Name and Number: | Bentson 25-36-161-98H 1AP |
| Longitude: | -103.338218 |
| Latitude: | 48.748622 |
| Long/Lat Projection: | NAD83 |
| Production Type: | Oil |
| True Vertical Depth (TVD): | 8,789 |
| Total Water Volume (gal)*: | 1,254,863 |

Hydraulic Fracturing Fluid Composition:

| Trade Name | Supplier | Purpose | Ingredients | Chemical Abstract Service Number (CAS #) | Maximum Ingredient Concentration in Additive (% by mass)** | Maximum Ingredient Concentration in HF Fluid (% by mass)** | Comments |
|-----------------------------|----------|---------------------|---|--|--|--|----------|
| Ottawa Sand 20/40 (2.63 sg) | WFT | Proppant | Crystalline Silica in the form of Quartz | 14808-60-7 | 100.00% | 10.48020% | |
| Ottawa Sand 40/70 (2.63 sg) | WFT | Proppant | Crystalline Silica in the form of Quartz | 14808-60-7 | 100.00% | 1.68925% | |
| WBK-134 | WFT | Breaker | Ammonium Persulfate | 7727-54-0 | 75.00% | 0.00371% | |
| Bio-Clear 5000 | WFT | Bactericide | 2,2-dibromo-3-nitrilopropionamide | 10222-01-2 | 5.00% | 0.00177% | |
| | | | Polyethylene Glycol | 25322-68-3 | 50.00% | 0.01766% | |
| WXL-101LM | WFT | Crosslink Control | Distillates petroleum, hydrotreated light | 64742-47-8 | 60.00% | 0.02899% | |
| WXL-105L | WFT | Crosslink Control | Boric acid | 10043-35-3 | 15.00% | 0.00503% | |
| | | | Ethylene glycol | 107-21-1 | 40.00% | 0.01342% | |
| | | | Monoethanolamine | 141-43-5 | 5.00% | 0.00168% | |
| WGA-15L | WFT | Gelling Agents | Petroleum Distillates | 64742-47-8 | 60.00% | 0.19214% | |
| WPB-584L | WFT | ph Adjusting Agents | Potassium Carbonate | 584-08-7 | 40.00% | 0.03925% | |

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| | | | Potassium Hydroxide | 1310-58-3 | 20.00% | 0.01962% |
| WNE-363L | WFT | Surfactant | 2-Ethylhexanol | 104-76-7 | 7.00% | 0.00456% |
| | | | DB-964 | 9003-11-6 | 30.00% | 0.01955% |
| | | | Dodecylbenzenesulfonic acid, monoethanolamine salt | 26836-07-7 | 15.00% | 0.00978% |
| | | | Poly(oxy-1,2-ethanediyl), a-isotridecyl-w-hydroxy- | 9043-30-5 | 5.00% | 0.00326% |
| Ingredients Listed Below This Line Are Part of the Fluid Composition Provided by Weatherford Which Do Not Appear On the Material Safety Data Sheets (MSDS) | | | | | | |
| | | | 2-BUTENEDIAMIDE, (E)-, N,N'-BIS[2-(4,5-DIHYDRO-2-NOR TALL OIL ALKYL-1H-IMIDAZOL-1-YL)ETHYL] DERIVATIV | 68442-77-3 | | 0.00242% |
| | | | 2-Butoxyethanol | 111-76-2 | | 0.00369% |
| | | | Alcohol Ethoxylate | Mixture | | 0.00369% |
| | | | Alcohols, C12-16, Ethoxylated | 68551-12-2 | | 0.00369% |
| | | | Anionic water soluble polymer | Mixture | | 0.01007% |
| | | | Arlacel 83 | 8007-43-0 | | 0.00320% |
| | | | Carrier / Base Fluid - Water | | | 86.98417% |
| | | | Choline Chloride | 67-48-1 | | 0.14501% |
| | | | Crystalline Silica in the form of Quartz | 14808-60-7 | | 0.00320% |
| | | | Deionized Water | 7732-18-5 | | 0.01766% |
| | | | Distilled Tall-Oil Fatty Acids | 61790-12-3 | | 0.00242% |
| | | | Guar gum | 9000-30-0 | | 0.16011% |
| | | | Proprietary Ingredient | Proprietary | | 0.04321% |
| | | | Propylene carbonate | 108-32-7 | | 0.00048% |
| | | | Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts with bentonite | 68953-58-2 | | 0.00242% |
| | | | Ulexite Powder | 1334256 | | 0.02899% |
| | | | Water / Inerts | 7732-18-5 | | 0.02013% |
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All component information listed was obtained from the supplier's Material Safety Data Sheets (MSDS). As such, the Operator is not responsible for inaccurate and/or incomplete information. Any questions regarding the content of the MSDS should be directed to the supplier who provided it. The Occupational Safety and Health Administration's (OSHA) regulations govern the criteria for the disclosure of this information. Please note that Federal Law protects "proprietary", "trade secret", and "confidential business information" and the criteria for how this information is reported on an MSDS is subject to 29 CFR 1910.1200(i) and Appendix D.