Hydraulic Fracturing Fluid Product Component Information Disclosure

| Fracture Date | 1/22/2012 |
|----------------------------|-----------------|
| State: | CA |
| County: | Kern |
| API Number: | 04-030-44696 |
| Operator Name: | Chevron USA Inc |
| Well Name and Number: | Sec 29 2-10G |
| Longitude: | -119.7411812 |
| Latitude: | 35.632676744 |
| Long/Lat Projection: | NAD83 |
| Production Type: | Oil |
| True Vertical Depth (TVD): | 2,502 |
| Total Water Volume (gal)*: | 209,837 |

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 |
|-----------------------------|--------------------|------------------------|------------------------------------|--|--|--|----------|
| Water | Chevron | Base Fluid | | | 100.00% | 71.38928% | |
| BC-140 | Halliburton | Crosslinker | Monoethanolamine borate | 26038-87-9 | 60.00% | 0.02900% | |
| | | | Ethylene glycol | 107-21-1 | 30.00% | 0.01450% | |
| BE-3S | Halliburton | Breaker | 2-Monobromo-3- nitrilopropionamide | 1113-55-9 | 5.00% | 0.00006% | |
| | | | 2,2 Dibromo-3-nitrilopropionamide | 10222-01-2 | 100.00% | 0.00110% | |
| CAT-3 | Halliburton | Activator | EDTA/Copper chelate | Confidential Business Information | 30.00% | 0.00487% | |
| CLA-WEB | Halliburton | Clay Stabilizer | Proprietary | Proprietary | 60.00% | 0.03029% | |
| FE-1A | Halliburton | Iron Control Additive | Acetic anhydride | 108-24-7 | 100.00% | 0.00911% | |
| | | | Acetic Acid | 64-19-7 | 60.00% | 0.00546% | |
| LGC-36 UC | Halliburton | Liquid Gel Concentrate | Guar gum | 9000-30-0 | 60.00% | 0.17489% | |
| | | | Naphtha, hydrotreated heavy | 64742-48-9 | 60.00% | 0.17489% | |
| MO-67 | Halliburton | Buffer | Sodium hydroxide | 1310-73-2 | 30.00% | 0.00515% | |
| SP BREAKER | Halliburton | Breaker | Sodium persulfate | 7775-27-1 | 100.00% | 0.00102% | |
| Sand-Premium White-20/40 | Halliburton | Proppant | Crystalline silica, quartz | 14808-60-7 | 100.00% | 28.12885% | |
| SCW-4003 | Baker Petrolite | Scale Inhibitor | Phosphonate salt | Trade Secret | 15.00% | 0.00704% | |
| | | | Phosphoric Acid Salt | 5-5-7632 | 5.00% | 0.00235% | |
| | | | Polyacrylate | Trade Secret | 20.00% | 0.00939% | |
| | | | Sodium Chloride | 7647-14-5 | 5.00% | 0.00235% | |
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| * Total Water Volume sources may include fresh water, produced water, and/or recycled water | | | | | | | |
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| ** Information is based on the maximum potential for concentration and thus the total may be over 100% | | | | | | | |
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| Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS) | | | | | | | |
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