

Hydraulic Fracturing Fluid Product Component Information Disclosure

|                            |                               |
|----------------------------|-------------------------------|
| Fracture Date              | 1/27/2013                     |
| State:                     | California                    |
| County:                    | Kern                          |
| API Number:                | 04-030-49676                  |
| Operator Name:             | Occidental of Elk Hills, Inc. |
| Well Name and Number:      | 72-19R                        |
| Longitude:                 | -119.538519                   |
| Latitude:                  | 35.309239                     |
| Long/Lat Projection:       | NAD83                         |
| Production Type:           | Oil                           |
| True Vertical Depth (TVD): | 3,084                         |
| Total Water Volume (gal)*: | 11,191                        |

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 |
|---|--------------|---|---|--|--|--|----------|
| Produced Water (Oxy Provided), YF125-Flex | Schlumberger | Activator , Surfactant , Breaker, Breaker Aid, Gelling Agent, Crosslinker, Clay Control Agent, Industrial Antimicrobial, Emulsion Preventer, Propping Agent | Water (Including Mix Water Supplied by Client)* | -  |  | 72.55461%  |          |
|   |              |   | Crystalline silica                              | 14808-60-7                               | 95.59547%  | 26.23655%  |          |
|   |              |   | Phenolic resin                                  | 9003-35-4                                | 1.95093%   | 0.53544%   |          |
|   |              |   | Guar gum  | 9000-30-0                                | 0.50905%   | 0.13971%   |          |
|   |              |   | Propan-2-ol                                     | 67-63-0                                  | 0.49856%   | 0.13683%   |          |
|   |              |   | Alcohol, C7-9-iso, C8, ethoxylated              | 78330-19-5                               | 0.38349%   | 0.10525%   |          |
|   |              |   | Potassium borate                                | 1332-77-0                                | 0.30350%   | 0.08330%   |          |
|   |              |   | Diammonium peroxidisulphate                     | 7727-54-0                                | 0.28024%   | 0.07691%   |          |
|   |              |   | Glycerol  | 56-81-5                                  | 0.12633%   | 0.03467%   |          |
|   |              |   | 2,2',2"-nitrilotriethanol                       | 102-71-6                                 | 0.11418%   | 0.03134%   |          |
|   |              |   | Potassium hydroxide                             | 1310-58-3                                | 0.09911%   | 0.02720%   |          |
|   |              |   | Polyethylene glycol monohexyl ether             | 31726-34-8                               | 0.07073%   | 0.01941%   |          |
|   |              |   | Zirconium dichloride oxide                      | 7699-43-6                                | 0.06331%   | 0.01738%   |          |
|   |              |   | Vinylidene chloride/methylacrylate copolymer    | 25038-72-6                               | 0.02958%   | 0.00812%   |          |
|   |              |   | Crosslinked PO/EO-block polymer                 | 68123-18-2                               | 0.02475%   | 0.00679%   |          |
|   |              |   | Non-crystalline silica                          | 7631-86-9                                | 0.01837%   | 0.00504%   |          |
|   |              |   | Tetrakis(hydroxymethyl)phosphonium sulfate      | 55566-30-8                               | 0.01698%   | 0.00466%   |          |
|   |              |   | Alkyl (c10-c14) alcohols, ethoxylated           | 66455-15-0                               | 0.00824%   | 0.00226%   |          |
|   |              |   | Alcohol, C11-14, ethoxylated                    | 78330-21-9                               | 0.00822%   | 0.00226%   |          |
|   |              |   | Methyl oxirane polymer with oxirane             | 9003-11-6                                | 0.00815%   | 0.00224%   |          |

