

Hydraulic Fracturing Fluid Product Component Information Disclosure

Fracture Date	12/17/2012
State:	Texas
County:	Parker County
API Number:	42-367-35333
Operator Name:	DEVON ENERGY CORP-OKLAHOMA CITY
Well Name and Number:	Skiles 3H
Longitude:	-97.783513
Latitude:	32.680127
Long/Lat Projection:	NAD27
Production Type:	Gas
True Vertical Depth (TVD):	6,208
Total Water Volume* (gal):	6072848 (gal)

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	DEVON ENERGY CORP-OKLAHOMA CITY	Carrier / Base Fluid	Carrier / Base Fluid - Water		100.00%	93.16686%	
Ottawa Sand 20/40 (2.63 sg)	WFT	Proppant	Crystalline Silica in the form of Quartz	14808-60-7	100.00%	1.82506%	
Ottawa Sand 40/70 (2.63 sg)	WFT	Proppant	Crystalline Silica in the form of Quartz	14808-60-7	100.00%	4.35447%	
100 Mesh Sand	WFT	Proppant	Crystalline Silica in the form of Quartz	14808-60-7	100.00%	0.40561%	
WFR-55LA (W)	WFT	Friction Reducers	No ingredients as hazardous according to OSHA 29 CFR 1910.1200		0.00%	0.00000%	
ZetaFlow	WFT	Misc. Chemicals	Aniline	62-53-3	1.00%	0.00049%	
			Ethylene Glycol	107-21-1	40.00%	0.01960%	
			Methanol	67-56-1	30.00%	0.01470%	
			Phosphate Ester	Proprietary	15.00%	0.00735%	
			Quaternized Alkyl Nitrogenated Compd	Proprietary	60.00%	0.02940%	
Chlorine Dioxide (Calculated)	Baker Hughes	Biocide	Sodium Chlorite	7758-19-2	25.00%	96.900000	
Scaletrol 5277, 55 gl drum	Baker Hughes	Scale Inhibitor	Phosphonate Salt	Trade Secret	5.00%	140.562852	
28% HCL	WFT	Acid	Hydrochloric Acid	7647-01-1	28.00%	0.04076%	

Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.

[illegible]

**For some of the constituents listed above, the data submitted by Weatherford is provided in good faith reliance on the representations of Weatherford's vendors/suppliers.							
<p>*Total Water Volume sources may include fresh water, produced water, and/or recycled water</p> <p>** Information is based on the maximum potential for concentration and thus the total may be over 100%</p> <p>Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)</p>							