

Hydraulic Fracturing Fluid Product Component Information Disclosure

Fracture Date	12/17/2012
State:	Texas
County:	Parker
API Number:	42-367-35330
Operator Name:	Devon-OKC
Well Name and Number:	Skiles 2H
Longitude:	-97.783548
Latitude:	32.680173
Long/Lat Projection:	NAD27
Production Type:	Gas
True Vertical Depth (TVD):	6,108
Total Water Volume* (gal):	3247978 (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
Devon	Carrier / Base Fluid	Carrier / Base Fluid - Water			100.00%	94.91046%	
WFT	Proppant	Crystalline Silica in the form of Quartz	14808-60-7	14808-60-7	100.00%	1.88842%	
WFT	Proppant	Crystalline Silica in the form of Quartz	14808-60-7	14808-60-7	100.00%	2.52870%	
WFT	Proppant	Crystalline Silica in the form of Quartz	14808-60-7	14808-60-7	100.00%	0.41913%	
WFT	Friction Reducers	No ingredients as hazardous according to OSHA 29 CFR 1910.1200			0.00%	0.00000%	
WFT	Gelling Agents	Petroleum Distillates	64742-47-8	64742-47-8	60.00%	0.00000%	
WFT	Misc. Chemicals	Aniline	62-53-3	62-53-3	1.00%	0.00053%	
		Ethylene Glycol	107-21-1	107-21-1	40.00%	0.02107%	
		Methanol	67-56-1	67-56-1	30.00%	0.01580%	
		Phosphate Ester	Proprietary	Proprietary	15.00%	0.00790%	
Chlorine Dioxide (Calculated)	Baker Hughes	Biocide	Sodium Chlorite	7758-19-2	25.00%	54.625000	
Scaletrol 5277, 55 gl drum	Baker Hughes	Scale Inhibitor	Phosphonate Salt	Trade Secret	5.00%	74.555297	
		Quaternized Alkyl Nitrogenated Compd	Proprietary	Proprietary	60.00%	0.03161%	
WFT	Acid	Hydrochloric Acid	7647-01-1	7647-01-1	28.00%	0.04235%	
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.							
			2-Butoxyethanol	111-76-2		0.00000%	
			Alcohol Ethoxylate	Mixture		0.00000%	
			Alcohols, C12-16, Ethoxylated	68551-12-2		0.00000%	
			Anionic water soluble polymer	Mixture		0.01481%	

[illegible]

