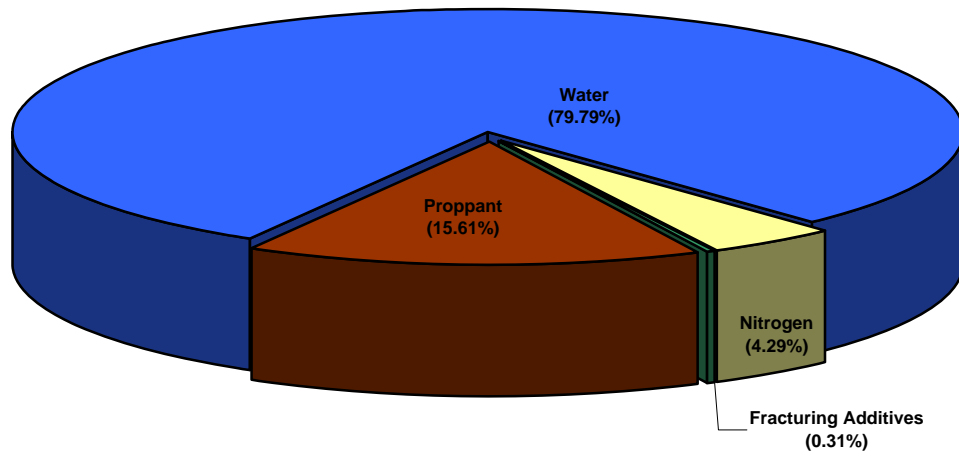




02-31-026-03W5M			TriOil Resources			7-Aug-12			
Trade Name	Supplier	Purpose	Fluid Comment	Cas #	Ingredient Name	Volume [m3 or scm]	Max Additive Concentration (%)	Max Fluid Concentration (%)	Ingredient Comment
Water	TriOil	Carrier / Base Fluid		7732-18-5	Water	2299.1	100	79.79	
Nitrogen	Calfrac	Nitrogen		7727-37-9	Nitrogen	89,307	99	4.29	
Sand (Proppant)	Calfrac	Propping Agent		14808-60-7	Crystalline Silica (Quartz)		99.9	15.61	
DWP-913, DWP-621, DWP-949, DWP-965	Calfrac	Clay Control, Friction Reducer, Non-Emulsifier, Biocide							
					Non-Hazardous Additive		100	0.15	
				Proprietary	Organic Acid Salts		63	0.05	HMIRC #8300
				Proprietary	Ethoxylated Alcohols		40	0.03	HMIRC #8300
				Proprietary	Isobutyl Ketone		30	0.02	HMIRC #8300
				Proprietary	Ethoxylated phenolic resin		10	0.01	HMIRC #8300
				Proprietary	Bronopol		100	0.05	HMIRC #8300

Items Pumped Past The Well Head - Summary



Fracturing Additives - % Breakdown

