

Hydraulic Fracturing Fluid Product Component Information Disclosure: Maximum Ingredient Weight in Pounds Format



**BAKER
HUGHES**

	07/31/2012
Last Fracture Date	
State:	California
County:	Kern
API Number:	04-030-46982
Operator Name:	Aera Energy Llc
Well Name and Number:	731GU-29
Longitude:	-119.7373978
Latitude:	35.4699681
Long/Lat Projection:	NAD83
Production Type:	Oil
True Vertical Depth (TVD):	1,568
Total Chemical Mass (lbs)*:	247,934
Total Max. Ingredient Mass (lbs)*:	248,148
Total Product Volume (gal)*:	22,291
Total Water Volume (gal)*:	17,598

Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Weight in HF Fluid (lbs mass)	Comments
Water	Operator	Carrier	Water	7732-18-5	100.00%	146,729	
X-Cide 207	Baker Hughes	Biocide	2-Methyl-4-Isothiazolin-3-One	2682-20-4	5.00%	0.900000	
			5-Chloro-2-Methyl-4-Isothiazolin-3-One	26172-55-4	10.00%	1.800000	
			Crystalline Silica: Cristobalite	14464-46-1	1.00%	0.180000	
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1.00%	0.180000	
			Diatomaceous Earth, Calcined	91053-39-3	60.00%	10.800000	
			Magnesium Chloride	7786-30-3	5.00%	0.900000	

