

## **SIMSITE® Structural Composite Chemical Pumps**

**SIMS Pump Company** is proud to announce that our **SIMSITE®** Structural Composite Chemical Pumps were chosen by Halliburton for a new Acid Blending System.

These pumps were designed and built to Halliburton specification and have to withstand rough field operation conditions of the chemical pumps, transferring HCl, NH<sub>4</sub>Cl.

**SIMSITE®** pumps were chosen for their exceptional performance and unmatched corrosion resistance.

The pumps were installed on the trucks and operated by personnel with limited training, so pump reliability was of critical importance.

In April 2009, Halliburton's "Acid-on-the-Fly blending stimulation system" built on **SIMSITE®** Composite Chemical Pumps won an Engineering Achievements Award.

According to Oil and Gas magazine:

"The acid-on-the-fly (AOF) blending system was developed to provide real-time blending capability to help optimize acid treatments and improve safety and environmental performance. The new blending system provides significant improvements in several aspects of the acidizing process. It enables real-time, on-the-fly adjustments resulting in a precisely controlled acid blend downhole. In addition, the AOF blending system eliminates disposal issues since acid is blended only as it is used, and unused acid components can be recycled for another treatment. The system reduces the treatment site footprint by eliminating the need for large tanks to contain preblended acid. Also, the acid-blend sampling system has been engineered to limit the exposure to the operator and to the environment."

