Halliburton Introduces AccessFrac℠ Service

HOUSTON – Oct. 31, 2011 – Halliburton (NYSE: HAL) is combining unique diversion technologies and pumping capabilities to create a process that helps operators achieve better long-term production from shale formations, thereby maximizing asset development. Called AccessFrac℠ service, the new process optimizes fracturing treatments by helping assure that each perforation cluster in each interval receives the designed amount of proppant.

Field experience and recent treatment modeling show that attempting to fracture multiple perforation clusters using the limited entry technique results in most of the proppant going into one or two major fractures, usually near the downhole end of the isolated interval. This potentially leaves a large part of the shale formation unstimulated and the majority of the complex fracture network without proppant. Often, excessively large amounts of proppant may be used to try to compensate for the relatively low conductivity of the propped planar fractures. The result is usually rapid production decline. AccessFrac service addresses these issues.

Improved proppant distribution, better access to the complex network of both created and natural fractures and the installation of a highly conductive proppant pack can help improve the long-term production potential from shale assets.

The AccessFrac process can help optimize both plug and perf and sliding sleeve treatments by achieving enhanced proppant distribution. Assuring that each perforation cluster is treated enables treating longer intervals and having fewer plugs to drill out, reducing overall completion time. In addition, AccessFrac service is an excellent approach for refrac programs due to its ability to manage existing perforations.

The process includes one or more of Halliburton’s proven diverting technologies--BioVert® NWB (near wellbore) and BioVert CF (complex fracture) biodegradable diverting agents. In addition, it can include SandWedge® ABC aqueous-based conductivity enhancement system. The process is implemented using a specially designed pumping schedule to dilate and prop the complex fracture network. With better distribution, the amount of proppant needed can be optimized often resulting in using less proppant per stage.

The AccessFrac process has already been successfully used over 50 times in the Barnett Shale in a variety of fracturing applications.

About Halliburton
Founded in 1919, Halliburton is one of the world's largest providers of products and services to the energy industry. With more than 64,000 employees in approximately 80 countries, the company serves the upstream oil and gas
industry throughout the life cycle of the reservoir – from locating hydrocarbons and managing geological data, to drilling and formation evaluation, well construction and completion, and optimizing production through the life of the field. Visit the company's website at www.Halliburton.com.