Halliburton Introduces FracHeight™ Service

HOUSTON – Feb. 4, 2014 – Pinnacle Technologies, a Halliburton (NYSE: HAL) service, announces its latest innovation in fracture diagnostics. FracHeight™ service is a hybrid tool that combines fiber optic wireline conveyed microseismic receivers with Pinnacle’s downhole tiltmeter sensors that directly measure the formation movement associated with fracture dilation.

While microseismic monitoring has been the primary diagnostic tool for fracture mapping in unconventional reservoirs, determining fracture height can sometimes be a challenge when relying on these measurements alone. For example, in some multi-stage fractures where shallow microseisms clearly exist, identifying the cause—be it the actual fracture opening, natural fractures, a result of a critically stressed zone shearing, or some other mechanism—requires additional information. By incorporating microdeformation measurements made by downhole tiltmeters, FracHeight™ service provides definitive evidence of fracture dilation. The result is a service that leads to more accurate fracture mapping by providing insight on actual fracture deformation as a function of depth.

In typical unconventional reservoirs where multi-stage horizontals are common, the data provided by FracHeight™ service offers significant advantages for understanding fracture behavior. The improved knowledge of the subsurface provided by FracHeight™ service allows for optimized asset development and increased completion and fracture efficiency.

For more information, please visit Pinnacle’s FracHeight™ page.

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 75,000 employees, representing 140 nationalities in approximately 80 countries, the company serves the upstream oil and gas industry throughout the lifecycle 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.