

Product Announcement



2929 Allen Parkway
Houston, Texas 77019
Phone: 713.439.8600
Fax: 713.439.8280
www.bakerhughes.com

Magnitude Redefines Microseismic Fracture Monitoring and Refracturing Efficiency

Two new IntelliFrac services deliver a step-change in fracture design and execution efficiency

HOUSTON – (June 1, 2015) – Magnitude, a Baker Hughes company, announced today the commercial release of two new offerings, the IntelliFrac™ VSP-enhanced monitoring service and the IntelliFrac Recomplete service, as part of the company’s line of IntelliFrac advanced microseismic services.

The new IntelliFrac VSP-Enhanced microseismic monitoring service integrates vertical seismic profiling (VSP) and time-lapse quantitative VSP analysis with traditional microseismic measurements to facilitate improved fracture designs, optimize real-time fracture applications, and deliver more accurate and far-reaching fracture mapping than is possible using microseismic measurements alone. Combining the accurate event locations and magnitudes gathered through this service with patent-pending SWAT (Shear Wave Attenuation Tomography) analysis also makes it possible to best ascertain the effectiveness of hydraulic fracturing treatments via changes in fracture density.

The IntelliFrac Recomplete service combines microseismic depletion zone mapping with advanced Baker Hughes completion and pressure pumping technology to design and execute effective, efficient refracturing treatments that target and isolate non-depleted regions along the wellbore. Using this service, operators can avoid restimulating areas of the reservoir that have little hydrocarbons left to offer, reducing restimulation costs while still ensuring optimal recovery from their refracturing operations.

“With the new IntelliFrac VSP-Enhanced monitoring, we have effectively given our customers an enhanced means to quantify the effectiveness of their stimulation treatments” said Fernando Lopez, President and CEO of Magnitude. “Additionally, the IntelliFrac Recomplete service will help

Product Announcement



2929 Allen Parkway
Houston, Texas 77019
Phone: 713.439.8600
Fax: 713.439.8280
www.bakerhughes.com

operators maximize their ROI by avoiding depleted reservoir sections and only stimulating those with significant production left to offer; essentially making ‘pump and pray’ refracts a thing of the past.”

Magnitude, a Baker Hughes company, provides microseismic monitoring, acquisition, processing, and consulting services to reduce the risk, optimize the design, and improve the production of fracture stimulation operations. For more information on Magnitude, visit: <http://www.magnitude-geo.com/>.

Baker Hughes is a leading supplier of oilfield services, products, technology and systems to the worldwide oil and natural gas industry. The company's 59,000-plus employees today work in more than 80 countries helping customers find, evaluate, drill, produce, transport, and process hydrocarbon resources. For more information on Baker Hughes, visit: www.bakerhughes.com.

CONTACTS:

Media Relations:

Melanie Kania, +1.713.439.8303, melanie.kania@bakerhughes.com