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MicroSeismic, Inc. Announces Downhole Monitoring with EventPick Technology

HOUSTON, TEXAS – April 30, 2013 – MicroSeismic, Inc. (MicroSeismic) announced today, EventPick™, its Downhole Monitoring Technology. The new solution has advanced p- and s-wave first arrival picking capability for hydraulic fracture mapping. EventPick provides an independent evaluation of well stimulation results in real-time for areas less suitable for surface-based microseismic acquisition.

“MicroSeismic continues to be the global leader in surface monitoring for hydraulic fracturing, but there are instances where downhole monitoring is either a complementary or preferred solution given the project specific objectives,” stated Terry Jbeili, COO, MicroSeismic. “We have been providing the downhole capability for the last five years and are proud to announce new enhancements to our solution. The technology allows customers to combine the best of both surface and downhole acquisition to accurately image event locations.”

Downhole Monitoring results help operators determine well spacing, improve fluid and proppant selection, alter pressure pumping schedules, avoid geohazards and delineate reservoir boundaries. The product can be combined with MicroSeismic’s surface acquisition products like FracStar™ and BuriedArray™ to provide the leading technology for joint downhole and surface acquisition.

The proprietary EventPick processing software is used to provide automated triggering on microseismic events. The service includes advanced interpretation, delivered within a month of the fracturing activity, to optimize completions and help operators determine where to drill next.

MicroSeismic has performed downhole microseismic projects since 2008, spanning three countries and fifteen different target formations. Typically, the Downhole Monitoring service is deployed within a single nearby downhole monitoring well, optimally placed within 500 meters of the fracture zone. Where the monitoring well location is sub-optimally located, detectability can be improved through the use of multi-well downhole acquisition. This approach also allows for the derivation of source mechanisms, helping to better characterize reservoir geology and geomechanics.

MicroSeismic, Inc. is an oilfield services company providing real-time monitoring and mapping of hydraulic fracture operations in unconventional oil and gas plays in twelve countries and every major shale play in North America. Founded in 2003, MicroSeismic is the pioneer in monitoring microseismic activity utilizing surface and near-surface arrays. The company helps oil and gas companies understand how the reservoir responds to stimulation and its impact on customer economics.

For more information visit: www.microseismic.com

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