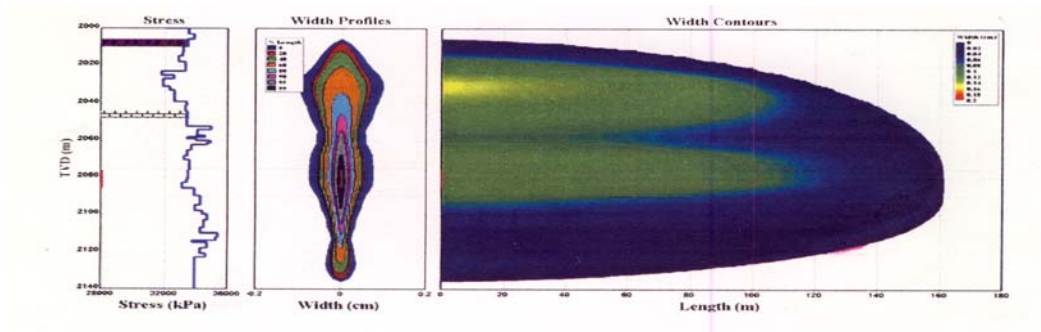
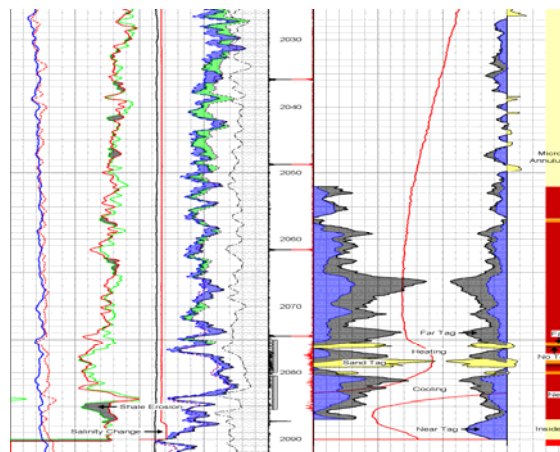


# TRACERMAX

*Tracermx* technology is the zero HSE risk approach for tracing hydraulic fracturing or cementing operations to determine sub-surface zone location with maximum results. *Tracermx* technology eliminates the use of dangerous open source radiochemicals currently used as tracers in these applications. *Tracermx* technology provides superior information that can be used for enhanced three dimensional fracture modeling.



Superior log data can be used to determine fracture propagation with respect to width and height for verification against volumetric displacement values.



Sample well log from a triple stage fracturing operation tagged with *Tracermx* technology

*If you are interested in more information on [Tracermx](#) technology, or if you are an oil or gas service provider that is interested in licensing opportunities, please visit our website or contact us. [Tracermx](#) technology is protected on a global basis. (US Provisional Patent Application Number 61/242847)*

Discover the *Tracermax* advantage using the following logging options:



The use of a Roke Technologies “Quad Neutron” with 222 GBq. (6 Ci.) of  $^{241}\text{Am/Be}$  (fast neutron mean energy 4.5 MeV) as special form sealed source encapsulations shows descending neutron and gamma count rates, as well as, capture gamma validation by energy discrimination across tagged intervals. This method will give both near and not near well bore dimension and provides Neutron-Neutron (N-N) and Neutron-Gamma (N-G) differences against initial base line reference data.



The use of a Hotwell, Pulse N-N, Geophysical Accelerator is recommended for logging fracturing operations that have had a selected interval tagged within a stage of the fracturing fluid displacement. The *Tracermax* chemical tag is generally introduced as a slug or bolus into the selected interval when a stage of fracturing fluid displacement is partitioned. The method will show near and not near well bore information given the high energy fast neutron population (14.1 MeV) generated from the accelerator and assuming that neutron travel through any medium is energy dependent.



1805 WESTMOUNT ROAD NW

CALGARY, ALBERTA T2N 3M6

PH/FAX: (403) 454-5477

WEBSITE: [www.tracermax.com](http://www.tracermax.com)

EMAIL: [sales@tracermax.com](mailto:sales@tracermax.com)