

Conventional Plays

Unlock the
hidden stratigraphy
to tackle drilling
challenges



Wellsite Chemostratigraphy is routinely used as an alternative to biostratigraphy or in HPHT wells where LWD tools cannot be deployed. The service is based on the characterisation and correlation of elemental data determined by XRF analysis. The technique provides data to monitor drill bit penetration to identify key formation tops, unconformities, relative fault displacements and to determine the stratigraphy of TD. This service has been widely used to geosteer in clastic reservoirs and to accurately place coring and casing points, thereby reducing drilling uncertainties and costs.

Wellsite Chemostratigraphic data acquired from cuttings can be used to calculate mineralogy and TOC and can be integrated with petrophysical data to provide a comprehensive summary of rock properties throughout the entire wellbore.

-  Chemostratigraphic correlation to offset wells
-  Monitoring drilling progress through sequences which have poor biostratigraphic control
-  Geosteering in reservoir zones
-  Mineralogical and TOC prediction from elemental / FTIR data
-  Direct & comprehensive analysis of cuttings samples as an alternative to core analysis
-  Cost effective replacement for LWD tools