

Drilling Method for Spectrometer Analyzers

Mud logging - method of qualitative and semi-quantitative gas analysis in mud during drilling or from selected samples. This method gives direct information about parameters of oil and gas reservoirs ...

Drill core is placed on the stage, and the hyperspectral scanner moves along the length of the core, capturing data at regular intervals. Hyperspectral data can be processed using various ...

The portable, well site ED-XRF technology offered by SPECTRO is unmatched in the petroleum geology world and widely used for mud logging and logging-while-drilling applications worldwide.

The service combines 15 elements: 12 from the GSI (Al, Ca, C, Cl, Gd, H, Fe, Mg, O, Si, S, Ti) with three from spectral gamma ray (K, Th, and U) for complete mineralogy determination. Diffusion-corrected ...

At both the wellsite and in the laboratory, Fluid Inclusion Technology (FIT), a Schlumberger company, provides specialized analysis of the trapped fluids in rock material, with a focus on determining the ...

The WellPro provides near real-time quantitative analysis of C1 through C7 components in less than 10 seconds. Analysis accuracy is maintained by the use of a small gas cylinder used to verify the ...

This article discusses several techniques used for hydrocarbon analysis during mud logging. These tools characterize the reservoir fluids that have become entrained in the drilling fluid ...

Mass spectrometry is a powerful analytical tool that identifies and quantifies gases and volatile compounds from drilling mud returns. It detects a wide range of hydrocarbon species -- from ...

Oil and gas exploration operations require the analysis of dissolved natural gas in samples from the well within short run times. This application note addresses the use of an Agilent Micro GC for rapid, ...

While drilling, analytical results may be viewed on-screen locally or remotely and are always available for immediate LAS import into commercially available graphics packages.

Web: <https://www.tlaletsoglobal.co.za>