

C03 Seismic, Well Test, Logs, Core – What Can you Trust?

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Abstract

The presentation will show various cases from around the world where stand alone information from one of the main data categories (Seismic, Well Test, Logs and Core) leads to an incorrect interpretation. An integrated interpretation using all of the available data sets leads to very different conclusions in the examples presented.

Two cases will show examples where log data and core data lead to very different results.

Another example will show how surface seismic was improved with cross well seismic techniques, but a new geological model was required to reach the latest interpretation.

The last case will present a set of logs showing little potential, but resulting in a gas zone well test of 9MM scuf/d.

The presentation will also highlight the need for the technical professional not just to generate estimates and interpretations, but also to understand the uncertainty associated with these results.