

Petrophysics

RPS maintains a team of very experienced specialists engaged in formation evaluation which is integral to all exploration, development and reservoir characterisation projects.

RPS petrophysicists work closely with their geoscientist and engineering colleagues to assure that log derived rock properties are appropriate for static and dynamic models.

Specialised training provides RPS petrophysicists with skills for interpreting data from all logging tools. This training also emphasises the distinction between

log analysis, for deriving simple rock properties, and petrophysics for expanding the value of logging data and dealing with the uncertainty inherent in the acquisition process.

RPS petrophysicists apply this distinction to help guide our clients into designing the correct project for their asset.

What we provide

- Log interpretation using computerised techniques to derive rock properties from logging data
- Integration and modelling of core data to create benchmarks for validating results and reducing uncertainty
- Specialised skills for developing predictive, electrofacies models constrained to sedimentological descriptions
- Specialised skill for developing linear and non-linear, predictive permeability models
- Strong experience for conditioning log data for seismic studies

