

Petrophysics (PP)

@wikipedia

Part of [Field Study & Modelling](#) and one of the [Subsurface Production Disciplines](#), studying physical and chemical rock properties and their interactions with [fluids](#) with an ultimate objective to build a model predicting [petrophysical rock properties](#) based on [core data](#), [Reservoir Data Logs](#) ([open-hole](#) and [cased-hole](#)), [seismic surveys](#) and includes the following study areas:

Core Analysis	Fluid Interface Modelling	Geomechanical Modelling	Reservoir Data Log Interpretation
Petrological Core Analysis (PCAL) Routine Core Analysis (RCAL) Special Core Analysis (SCAL) Digital Core Analysis (DCAL)	Fluid Contacts Relative Permeability Capillary Pressure Saturation Height Function (SHF)	Rock Compressibility Absolute Permeability	Lithofacies log Mineral logs Porosity log Permeability log Saturation logs Geomechanical rock properties logs Thermal rock properties logs Multilog

See Also

[Petroleum Industry / Upstream / Subsurface E&P Disciplines](#)

[[Field Study & Modelling](#)][[Volumetric Rock Model \(VRM\)](#)][[Basic Petroleum Rock and Fluid Properties Handbook](#)]

References

[Crain's Petrophysical Handbook](#)