



Saturation-Height Training Course Outline

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The Basics

- Definitions
- Capillary Pressure And Fluid Contacts
- Basic Formulae

Capillary Pressure Measurement

- Porous Plate Capillary Pressure
- Centrifuge Capillary Pressure
- Mercury-Air Capillary Pressure (Hg-Air)

Sample Selection

- Already Got Samples – Are They Representatively Sampled?
- Correcting for Unrepresentative Sampling

Working with Capillary Pressure Measurements

- Data Collation
- Formats
- Corrections
 - Closure
 - Clay-Bound Water
 - Stress
- Conversion to Reservoir Conditions
- Comparing Different Measurement Types
- Quality Control
- Creating Saturation-Height Functions
- Common functions to Fit Capillary Pressure Curves
- Combining Multiple Capillary Pressure Curves
- Checking for “Good Behaviour”
- Uncertainty

Practical Implementation

- Implementation in Petrophysical Modelling
- Reconciliation with Log Evaluation
- Implementation in Reservoir Models

Unusual cases

References