

PETROPHYSICS

✓ Input Log QC	<ul style="list-style-type: none">• Raw Log QC• Depth shifting• Borehole & Environmental Corrections
✓ Log Evaluation	<ul style="list-style-type: none">• Parameter selection• Clastic and Carbonate Modelling
✓ MDT & Pressure Gradient Analysis	
✓ Fluid Identification	<ul style="list-style-type: none">• Gas, Oil, Water, Invaded zones, Residual gas or oil
✓ Fluid Contact Identification	<ul style="list-style-type: none">• Transition zone identification [FWL, OWC etc.]
✓ Computing Reservoir Properties	<ul style="list-style-type: none">• Mineralogy, Vsh/Vcl, Phit, Phie, Sw, Swi, Moveable Oil, Invaded zones, Residual Gas or Oil• Calibration to Core Data
✓ Core data integration	
✓ Phi versus Kh and Kv Modelling	<ul style="list-style-type: none">• Integrate with Analogues, Dynamic data, Well Test Data
✓ Electric Facies Calibration	<ul style="list-style-type: none">• Select appropriate Cut-Offs• Determine Lithofacies discriminators• Establish Facies from log discriminators• Generate Electrofacies logs
✓ Fracture Characterization	
✓ Sums & Averages Tabulation	
✓ Uncertainty analysis & quantification	
✓ Integration with Geology, Geophysics, Reservoir Engineering, Production Technology & Drilling	

