GLOSSARY

Abbreviations

Avg. Average
HPHI Hydrocarbon pore-thickness
Perm. Permeability
PHI Porosity
Sw Water Saturation
Thick. Thickness

Calculations/Cutoffs

Gross Depths passing 'Initial' discriminator
Net Depths passing Gross, Clay Volume cutoffs and 'Net' discriminator
Net Reservoir Depths passing Net, Porosity cutoffs and 'Net_Reservoir' discriminator
Net Pay Depths passing Net Reservoir, Sw, Permeability cutoffs and 'Net_Pay' discriminator

Summations

Thick. Sum(h)
PHI-Thick. Sum(Porosity * h)
HPHI-Thick. Sum(Porosity * h * (1 - Water saturation))
Perm-Thick. Sum(Permeability * h)

Averages

Avg PHI Sum(Porosity * h)/Sum(h)
Avg Clay Vol Sum(Clay Volume * h)/Sum(h)
Avg Perm Sum(Permeability * h)/Sum(h)
Avg Sw Sum(Porosity * Water Saturation * h)/Sum(Porosity * h)

Ratios

Net / Gross Ratio Net Pay Thickness / Gross Thickness