

Reservoir Data Logs (RDL)

Part of [Well Logging](#) related to assessing [reservoir](#) properties in [Petrophysical](#) or [Reservoir Engineering](#) studies:

Petrophysics			Reservoir Engineering		
Logging category		Completion	Logging category		Completion
Open Hole Formation Logging	OHL	OH	Wireline Formation Testing	WFT	OH
Behind Casing Resistivity	BCR	CH	Through Casing Pressure	TCP	CH
Pulsed Neutron Logging	PNL	CH & OH	Reservoir Flow Profile	RFP	CH & OH
			Flow Pressure Profile	FPP	CH & OH

All log interpretation models have a form of:

(1) $\text{OutputLog}(l) = \text{Model}_{[\alpha_1, \dots, \alpha_M]}(\text{InputLog}_1(l), \text{InputLog}_2(l), \dots, \text{InputLog}_N(l))$

where

(x, y, z)	3D spatial coordinates along well trajectory
$l(x, y, z)$	along-hole depth
$[\alpha_1, \dots, \alpha_M]$	model parameters

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Fig. 1 – Sample of OH Log Intepretation.

See Also

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

[[Well logging](#)] [[Basic Petroleum Rock and Fluid Properties Handbook](#)]