

Leak Detection = LD

A set of [Well & Reservoir Surveillance](#) operations with a particular purpose to reveal and locate unintentional fluid leakage through [well completion](#).

Below is the list of popular methods of [Leak Detection](#):

Surface Leak Tests			Downhole Leak Logging		
Bleed-off Test	Annulus Pressure Test	Leak Tracer Test	Leak PLT Logging	Leak Temperature Logging	Leak Noise Logging

The primary concern on the fluid leakage is the presence of [Sustainable Annulus Pressure \(SAP\)](#) but not all the leaks expose themselves through [SAPs](#), like for example the casing leak below the tubing packer.

See Also

[Petroleum Industry](#) / [Upstream](#) / [Data Acquisition](#) / [Well & Reservoir Surveillance](#)

[[Well & Log Analysis](#)][[Sustainable Annulus Pressure \(SAP\)](#)]

[[Pipe Defectoscopy](#)][[Cement Sheath Logging](#)]