

Sustainable Annulus Pressure = SAP

[Well](#) conditions at which the [annulus](#) pressure is building up after [bleed-off](#).

This is normal behaviour if the [annulus](#) is connected to [tubing](#) by completion design (through the tubing shoe or an open valve).

In case the [annulus](#) has a packer installed then [SAP](#) indicates that there is a breach in the packer or the inner/outer pipes of the [annulus](#) leading to a fluid leakage.



Important Notice

Not all the downhole fluid leaks expose themselves as [Sustainable Annulus Pressure \(SAP\)](#), like for example the casing leak below the tubing packer.

See Also

[Petroleum Industry](#) / [Upstream](#) / [Petroleum Well](#) / [Well completion](#)

[[Well & Reservoir Surveillance](#) / [Leak Detection](#)]