

Gamma Density Cement Logging

The gamma-density log across the cemented interval can reveal the areas where cement does not fill the gap between casing and formation.

This method can not qualify if cement develops a bond with casing and formation.

[Gamma Density Cement Logging](#) is usually used in tandem with [Temperature Cement Logging](#).

The [Temperature Cement Logging](#) + [Gamma Density Cement Logging](#) tandem is mostly considered as the "old school" and being replaced widely by the more informative methods of [Acoustic Cement Bond Logging](#).

Despite this perception many engineers find [Temperature Cement Logging](#) + [Gamma Density Cement Logging](#) being useful in analysis and complementary to the [Acoustic Cement Bond Logging](#).

See Also

[Petroleum Industry](#) / [Upstream](#) / [Data Acquisition](#) / [Well & Reservoir Surveillance](#) / [Well logging](#) / [Cased-Hole Logging](#) / [Well Integrity Logging](#) / [Cement Sheath Logging](#)

[[Temperature Cement Logging](#)][[Acoustic Cement Bond Logging](#)]

[[Well & Log Analysis](#)]