

Reservoir boundary

The [reservoir-rock](#) contact surface limiting the size of the [permeable petroleum reservoir](#) where the practical [fluid flow](#) may occur.

The way [producing](#) or [injecting wells](#) respond to the actual [reservoir boundary](#) maybe very complex due to limited observation time and cross-well and cross-layer interference.

Most [well tests](#) can only detect the dynamic effect of the [reservoir flow boundary](#) or its absence ([infinite acting reservoir flow boundary](#)).

There are some [production analysis](#) techniques based on long-term [flowrate](#) and [bottomhole pressure](#) data readings which can reveal the size of the actual [petroleum reservoir](#) (see, for example, [Multiwell Retrospective Testing](#)), but again only a certain part of it which was continuously engaged into the [reservoir flow](#) process.

See Also

[Petroleum Industry](#) / [Upstream](#) / [Subsurface E&P Disciplines](#) / [Petroleum Geology](#)

[[Infinite reservoir boundary](#)] [[Reservoir flow boundary](#)] [[Multiwell Retrospective Testing \(MRT\)](#)]