

# Rate Transient Analysis = RTA

A type of [Production Analysis](#) based on the production rate response to the varying [bottom-hole pressure](#).

There are several [RTA Diagnostic Plots](#) facilitating the [Rate Transient Analysis](#) with the most popular being RTA NPI.

## See Also

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[Petroleum Industry](#) / [Upstream](#) / [Production](#) / [Subsurface Production](#) / [Field Study & Modelling](#) / [Production Analysis](#)

[ [RTA Diagnostic Plots](#) ]

[ [Pressure Transient Analysis \(PTA\)](#) ]