

Liquid Control (Reservoir Flow Modelling)

Specification of [DFM](#) dynamic inputs and outputs at [well](#) level:

Dynamic Input	Dynamic Output
• Liquid rate	• BHP • Formation pressure • Water cut • GOR

[Liquid control](#) is most common for [producing wells](#), except the case when [bottomhole pressure](#) is being reduced by the downhole pump to its minimal value, specified by the pump location inside the [wellbore](#).

In case this happens the well is switching to [pressure control](#) until the formation pressure and allow pump produce efficiently above minimal bottomhole pressure value.

Despite that many wells are operating under [pressure control](#) de facto they can be still simulated as under [Liquid control](#) assuming that their liquid rates have been manually pre-set adequately by [Production technologist](#).

See also

[Petroleum Industry](#) / [Upstream](#) / [Subsurface E&P Disciplines](#) / [Dynamic Flow Modelling](#) / [Reservoir Flow Modelling](#) / [Well Control \(Reservoir Flow Modelling\)](#)

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