

Oil Control (Reservoir Flow Modelling)

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

Dynamic Input	Dynamic Output
Oil rate	- BHP - Formation pressure - Water cut - GOR

The [Oil Control](#) is a misnomer as it does not correspond to any physical [Lift Mechanism](#) and in fact represents a mathematical technique to adjust simulated [bottomhole pressure](#) history to match historical [oil production](#) in each well.

It is not encouraged for practical applications.

Most reasonable use of [Oil Control](#) is to perform primary model runs to calibrate reservoir volume and oil-in-place.

Once completed the [history matching](#) should be continued in [Liquid Control](#) or [Pressure Control](#) mode to replicate the actual [Well Control](#).

See also

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

[[Well Control](#)]