

Well Control (Reservoir Flow Modeling)

Mathematical model of [Well Control](#) in [Reservoir Flow Simulations](#).

There are three popular [Well Controls \(Reservoir Flow Modeling\)](#) which drive [Reservoir Flow Simulations](#):

Pressure Control		Liquid Control		Oil Control	
Dynamic Input	Dynamic Output	Dynamic Input	Dynamic Output	Dynamic Input	Dynamic Output
• BHP	• Liquid rate • Formation pressure • Water cut • GOR	• Liquid rate	• BHP • Formation pressure • Water cut • GOR	• 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.

See also

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