Numerical Production Forecast

Predicting the future production dynamics for a given well, group of wells or the whole field based on Dynamic Flow Model (DFM).

It provides formation pressure alongside.

The predicted properties depend on the selected Well control along the following diagram:

	Pressure Control	Liquid Control
Input property	• BHP	• Liquid rate
Predicted property	• Liquid rate • Formation pressure • Water cut • GOR	• BHP • Formation pressure • Water cut • GOR

The Oil Control is used in history matching but never is used for Numerical Production Forecast.

The choice between Pressure Control and Liquid Control is subject to Lift mechanism and specific Lift settings.

See also

Dynamic Flow Model (DFM)

[Well control] [Analytical Production Forecast]