

Injection Logging (ILT)

ased-hole logging technique assessing the borehole flow profile (ILT-BFP) and reservoir flow profile (ILT-RFP) in injecting well.

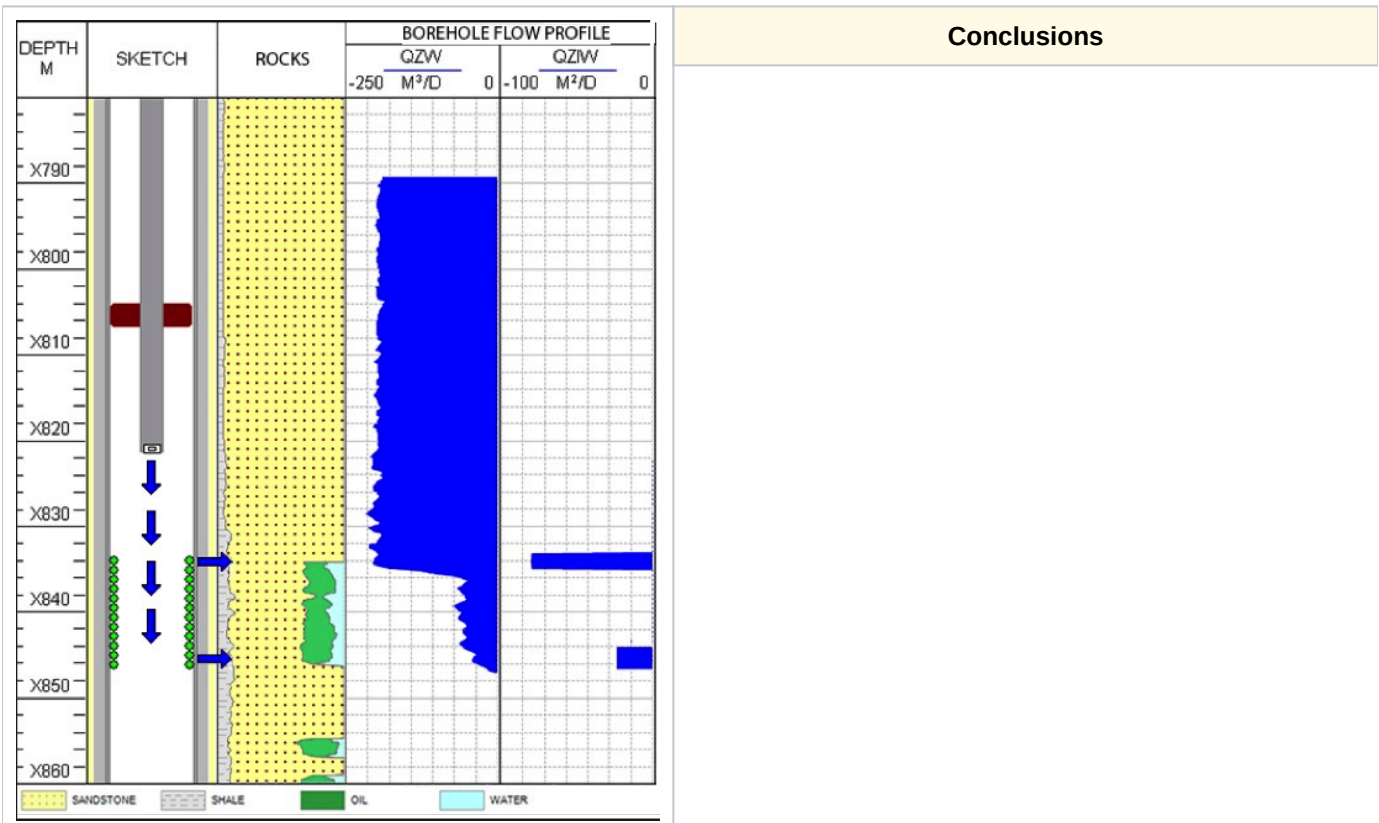
The survey is performed with a multi-sensor donwhole ILT Logging Tool and interpreted with ILT-BFP Model or ILT-RFP Model.

ILT is essential part of the waterflood and gasflood performance monitoring and helps understand fluid communication at wellbore reservoir contact.

Sometimes ILT is called PLT in injecting well.

Objectives

- Picking up the fluid injection intervals
- Estimating injection rate across each injection interval
- Check up for cross-flows in shut-in conditions between formation units with different formation pressure
- Picking up the zones of the first barrier (tubing and/or casing) integrity failure



	Injection is going to the upper and lower part of perforation with majority of water going to the upper part and the most of perforations are not taking water.
Fig. 2. ILT in water injector. See PLT for example in producing well.	

See Also

[Petroleum Industry](#) / [Upstream](#) / [Well & Reservoir Surveillance](#) / [Well Logging](#)

[[ILT – Downhole Tools](#)] [[ILT – Logging Procedure](#)] [[ILT – Interpretation](#)] [[ILT – Samples](#)]

[[Well & Log Analysis](#)] [[Production Logging \(PLT\)](#)]

References