



FESAus July 2020 Talk

Production Logging: the Essential Guide to the Dynamic Behaviour of your Well – NICK LAST

Production logging (PL) isn't exactly new technology – it's been around for many decades, with its origins in flow profiling and leak detection. In more recent times the applications of PL have expanded enormously to include reservoir pressure estimation, saturation logging and understanding complex flow behaviour in horizontal wells.

But the technique of production logging is not always well understood. Most operating companies do not have an in-house PL interpretation capability, and the responsibility for deploying PL isn't always clear – is it a petrophysics function, or part of reservoir engineering, or production technology?

This talk will look at the basics of “traditional” production logging, including how flowrates are estimated from spinners and other sensors, and will examine some of the key uses of PL that have implications for all the above disciplines. The speaker will use a range of data sets from several producing basins to illustrate PL interpretation concepts and applications.

NICK LAST is a consultant petroleum engineer specializing in the analysis of dynamic well & reservoir data, especially well tests and production logs. He began his career with Schlumberger in the North Sea and SE Asia, and has subsequently delivered consulting projects for numerous operators worldwide. Nick is a founder of Well Test Knowledge International and has taught numerous classes under the WTKI banner. Based on many years of analysis of production logs in commingled gas wells in the Gulf of Thailand, he developed the Commingled Well Model (CWM) that WTKI uses extensively for its consulting projects. Nick has a BSc (Hons) in Physics from Imperial College, London.



DATE: Tuesday July 14th, 2020 - 12:30 – 1:30 PM (WAST, GMT+8)
VENUE: Ibis hotel (Perth), on the web (rest of the world)
COST: Talk (early bird): Members \$30.00; Non Members \$40.00; Students/Retirees \$10.00
Webinar: Members \$10.00; Non Members \$20.00; Students/Retirees \$0.00
Online registration at www.fesaus.org by Friday 10th July at 11.00 am

Important note: Webinar option available only to Members and Non-members based outside Perth, WA.