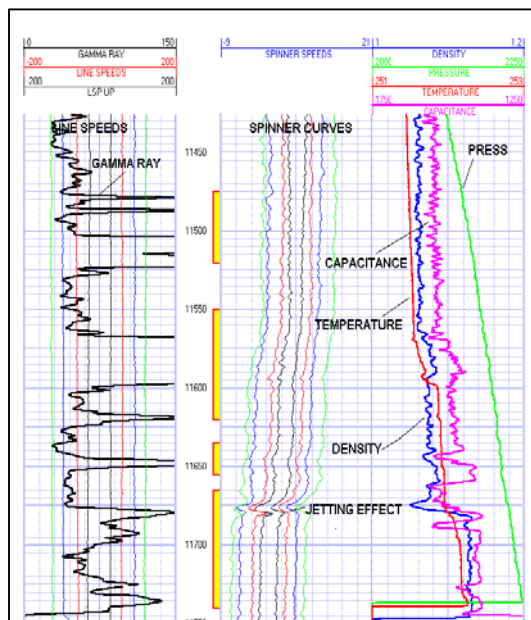


Field Engineers

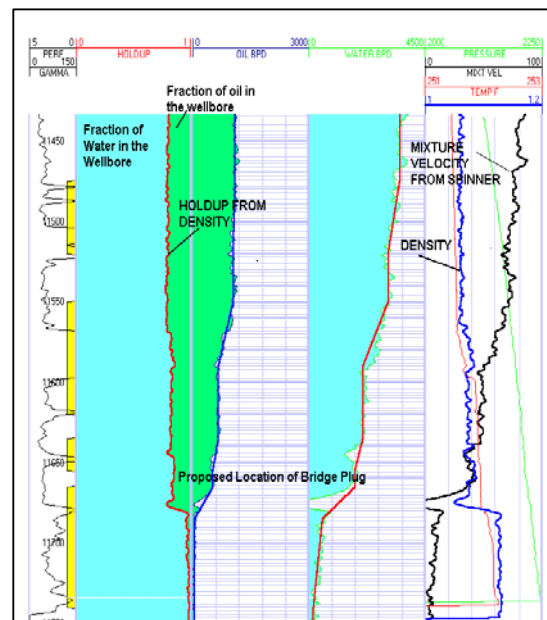
PRODUCTION LOGGING COURSE

15th to 19th September 2008

This 5-day course is oriented towards Field Engineers and is designed to give them an in-depth knowledge of the tools; how they work, how to run them, how to maintain them, and what information we gain from the logs and how this information is used.



PRODUCTION LOG



INTERPRETED LOG

Summary of Topics Covered

- Why we production log wells, petroleum geology and fluid flow.
- How the tools measure the parameters and what the parameters are used for.
- Selecting the correct tools for the job
- Tool string configuration for injection, production and coiled tubing PL jobs.
- Field maintenance and basic troubleshooting.
- Discussions of production logs illustrating various PL job objectives.
- Tool operation and log plotting software.
- Planning and performing logging jobs and delivering the end product to the client.
- Quantitative calculation by hand of single and two phase flow using gas and liquid slip models.