

Official Launch of Trigger at Offshore Europe

Nan Gall Technology Limited, the Aberdeen-based downhole electronics design and manufacturing company has announced the launch of its new Intelligent Trigger.

A new multi-purpose slickline / coiled tubing downhole electronic tool has been introduced by Nan Gall Technology Limited of Aberdeen. The tool combines the functions of a number of existing tools into a single flexible package.

At its most basic, the tool is a memory pressure and temperature gauge with a massive 3.2 million data sets (1 set consisting of pressure, temperature, time and battery flag). On a higher level, the tool acts as an Intelligent Trigger to deploy and initiate any type of downhole activation device – such as perforating guns, plug / packer setting tools, samplers, etc. The tool's primary function is as a memory module for production logging tools; compatible both with Nan Gall's own string of tools as well as those of 3rd parties. At its highest level, the tool has been modified to convert electric-line logging tools into the equivalent slickline logging tools.

An independent certifying authority has carried out a comprehensive risk assessment to qualify the Trigger function of the tool for use offshore. Immunity from RF, stray currents and lightning strikes has been proved – making it one of the safest Triggers on the market. The tool's versatility makes it quite unique.

Consider the following sequence of slickline runs: A dummy run is performed with the tool conveying a GR and CCL tool for correlation (a gradient survey is performed on the way out with the built-in pressure and temperature gauge). The same tool then conveys perforating guns to an exact depth and fires them. The same tool then conveys a full PL string to confirm the new production – it does this but detects water ingress from a lower set of perforations. The same tool conveys a plug to isolate the bottom zone. The same tool confirms isolation by running more PL tools. Finally, the same tool runs a through casing evaluation tool to ensure no further pockets of potential production have been overlooked.

For more information on please visit www.nangall.com or contact:

Claudia Woon

Claudia.woon@nangall.co.uk

Marketing, Nan Gall Technology

Tel: +44 1224 822580

Editor's Note:

Founded in 1989, Nan Gall Technology is a specialist design and manufacturing company producing downhole data acquisition systems for services companies and operators for the oil and gas industry.

