

PEAK E-NEWS

Welcome to Issue 44 of Peak e-News.

In this month's edition of e-News we look at the new Impact Data Acquisition System (IDAS) which is designed to accurately measure the impact generation and movement of any toolstring configuration, at any chosen point within the string, to provide accurate, detailed data on toolstring performance.

We also look at a recent success in which the Peak Wireline Retrieval System was integral in recovering 4000ft of capillary tubing. If you would like any more information on any of the features in this month's issue please contact info@peakwellservices.com

WIRELINE RETRIEVAL SYSTEM

The Peak Wireline Retrieval System consists of a combination of interchangeable tool components used for the process of locating and recovering parted wireline. The Peak system incorporates a unique design feature which allows the Slotted Finder Finger Sleeve to be adjusted to any chosen diameter to suit a range of nominal tubing ID and nipple dimensions. This very safe, adjustable feature allows complete concentric coverage within the wellbore and removes the requirement of forcefully bending a traditional Wire Finder to the smallest ID to be passed. This is particularly important when attempting to locate wire below a nipple profile with a reduced ID.

The system can be set up and run as a traditional Wire Finder. 2, 3 or 4 Prong Grab Fingers can be incorporated as a combination Finder-Grab system. As an extension to the system, Centre Spears, High Temperature / High Strength Magnets, LIB's, Internal / External Multi-Pin Running Tools and Extension Bars can be incorporated to suit specific operational requirements and provide the customer with complete flexibility & options.

For more information please contact info@peakwellservices.com

Click on the thumbnail for more information on the Wireline Retrieval System



4,000ft RECOVERED

The Peak Wireline Retrieval System (WRS) was a key component in clearing a well for a customer in Australia. Where the WRS is traditionally used to recover slickline or braided cable, in these unique circumstances, the 7" Wireline Retrieval System was utilised to successfully locate and snare a lost capillary string. The effective OD coverage of the Wireline Retrieval System and the Heavy Duty Barb / Prong design ensured that the Peak design was ideally suited in recovering the fish. After several runs to ensure a single tubing strand was evident at surface, 4000ft of 0.25" OD capillary tubing was eventually recovered allowing the customer to continue with further well intervention operations.



IMPACT DATA ACQUISITION SYSTEM

The Impact Data Acquisition System (IDAS) is a surface test sub instrumented with strain gauges and accelerometers that can be fitted into any slickline string. Capable of gathering a maximum 128,000 data points per second, IDAS accurately measures the force / impulse generation and movement of any toolstring configuration at any chosen point within the string, providing an accurate and detailed view of toolstring performance. Using this information Peak is seeking to better calibrate the relationship between the toolstring configuration and the force that is delivered. For example from this understanding Peak can provide slickline operators with improved guidelines for toolstring set-up so as to maximise fishing results.

Peak has already used IDAS to help clients calibrate their fishing strings to deliver maximum jar force. The system also allows Peak to calibrate tool design against data gathered from the test bed using IDAS, thus validating the robustness of the design.



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NEXT ISSUE:

- Hydraulic Hold Open Tool

"Think before you print."

- Please consider the environment before printing

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