

Peak Well Services

A specialist design, manufacture and service support company to the Oil & Gas industry. Based in Perth, Australia and Aberdeen, Scotland, PWS is a company capable of providing both operating & service companies with an extensive range of innovative well intervention products, solutions and operational product support.

2008 SPE Asia Pacific Oil & Gas Conference Exhibition (APOGCE)

Come visit us at stands 38 & 39
20-22 October 2008

Burswood Convention Centre
Perth, Western Australia

Full working cut-away models supplied to
Total Indonesia



For more information, contact
info@peakwellservices.com

NEXT ISSUE:

- A change is coming...

Peak WELL SERVICES

DOWNHOLE PRODUCTS



NEWSLETTER ISSUE 15

SEPTEMBER 2008

Peak e-News

What makes Peak unique is that the company approaches every technical challenge with a team driven determination to provide high quality and cost effective solutions to meet, or exceed the customer's demands. In this issue we look at two key services, *Solutions Engineering* and *Tailored Tool Packages*. Providing one-off, bespoke type solutions has been very much an integral part of our business since the company's inception. Over time we have confidently built and refined a comprehensive selection of wire-line products that enables us to engineer customer specific tool packages.

Peak Tailored Fishing Packages

Our most common request for fishing equipment comes directly after a fish has been created or following a costly and unplanned additional fishing operation. In these circumstances, if the recovery tools are available they are often dispatched at a premium during a critical phase in the intervention process where expensive rig downtime is being incurred or a producing well has to be shut-in with deferred production. Having a fully engineered range of contingent fishing tools available in a package prior to commencing operations can save an operator significant downtime and associated costs. Under no obligation, Peak can tailor a package to suit the customers needs...

Simply tell us:

- Tubing ranges, nipple types & restrictions
- Wire / cable commonly used & largest available for fishing purposes
- Commonly performed interventions & known difficulties
- Toolstrings deployed along with their basic dimensional details
- Average deviation including maximum encountered deviation
- General properties of produced fluids (corrosive elements etc) & temperatures
- Budgetary & technical constraints

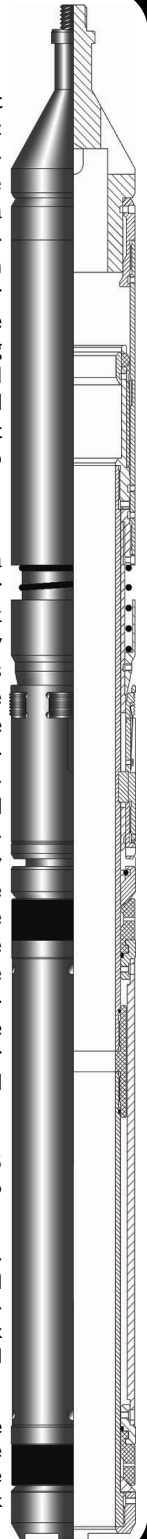
The Solution...

Peak has a proven track record for the fast track design and supply of project specific equipment as well as supplying its core product line of well intervention equipment. The company draws upon the experience of a strong technical team who understand slick-line and the operational problems that can occur. By dealing closely with the customer and fully understanding their objectives we can easily turn concepts into functioning tools. From re-working customer owned equipment, manufacture of non-standard adapters or supplying redress kits to retrofit existing designs, Peak have the flexibility to provide the right solution.

Subsea Tree Leak

Peaks' technical team was approached by a major oil & gas operating company. Their problem was a potential hydrocarbon leak path to the ocean via a leak from the flow wing of a 5" subsea tree. Whilst the tree was closed there was no immediate threat to the environment. However, to perform a tree recovery, access to the well bore was required to either kill the well or install mechanical barriers. Concepts were offered and discussed and finally agreed. The target objective was to design, manufacture and fully test a dual sealing 5" OD Straddle, to be conveyed and set with slickline above the closed master valve within the bore of the subsea tree. The internal diameter of the straddle had to be sufficient enough to enable an inflatable plug to pass through once the flow wing was isolated and the master valve opened to allow access to the well bore.

- The Peak design team had a timeframe of 5 weeks to deliver an engineered solution to meet the allocated rig schedule.
- The equipment was designed and manufactured, surface tests conducted successfully all within the timeframe. The straddle was mobilised in time for operations along with a Peak Technician to prepare the equipment and oversee the conveyance.
- The straddle was set in place and isolated the flow wing effectively. The master valve of the subsea tree was then opened and an inflatable plug conveyed through the bore of the Peak straddle and set to isolate the well bore.



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