

## Peak Well Services

A specialist design, manufacture and service support company to the Oil & Gas industry. Based in Perth, Australia, 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.

### Peak 3D Heavy Duty Pulling System



For more information, contact [info@peakwellservices.com](mailto:info@peakwellservices.com)



### PWS / Petro-Equips SIM Seminar in KL

#### NEXT ISSUE:

- Peak Compact Toolstring
- High Power / High Temp. Magnet

# Peak WELL SERVICES

DOWNHOLE PRODUCTS



NEWSLETTER ISSUE 2

AUGUST 2007

## Peak e-News

The first issue of the Peak Well Services News Letter was a success and we would like to thank those who have put forth comments and enquiries on both the newsletter and featured products. There's more installed in the coming months so be on the look out. This month our SIM Lock System comes into light. It is based on the patented SIM Lock body and Running Tool developed to meet the growing demand for non-pyrotechnically set RBP's. Following on from the Releasable Overshot, our Heavy Duty Pulling System also takes the 3D turn.

## SIM Lock System

The SIM (Slickline Installed Mechanically set) Lock System is a series of flow control devices developed for running in monobore well completions or wells where a suitable landing nipple is not available. The system:

- Is fully slickline conveyable and retrievable
- Is run and recovered with a conventional slickline toolstring
- Is purely mechanical requiring no explosives or electronics
- Is run with a common running tool which incorporates drag spring, j-slot and upper slip arrangement. The running tool is fully recoverable and not integral to the SIM Lock body.
- Can be run on e-line or slickline firing system and set pyrotechnically, using standard setting tools or where required

to be run on coiled tubing or tubing can be set hydraulically

- Is designed so that all pressure components that remain in the well are made of material conforming to NACE MR0175
- Is designed with elastomers rated to a 350°F
- Is available in a range of sizes to suit 2 7/8", 3 1/2" & 4 1/2" tubing
- Is extendable to provide a range of functionality:
  1. Gauge Hanger
  2. Plug System
  3. Straddle System
  4. Integral Gas Lift
  5. Downhole Choke
  6. Suspension Device

For more information, contact:

+61-8-9370 0500 or email [info@peakwellservices.com](mailto:info@peakwellservices.com)

We had the pleasure of presenting our SIM System to Talisman Malaysia, Petronas Carigali, Carigali Hess and Petrofac. See photos inset.



Peak 3D  
Non Releasable  
Replacement Rope Socket

## HD Pulling System



Animation snapshot of Peak 3D HD Pulling System

The Peak Heavy Duty Pulling System is designed for use in applications where heavy upward jarring is required to retrieve a stuck fish. The system is comprised of 2 tools; Heavy Duty Full Radial Contact (HD-FRC) Pulling Tool and a Non Releasable Replacement Rope Socket (NRRS). The NRRS is run on a conventional jar up to shear Pulling Tool and set onto the fish neck of the stuck fish. The HD-FRC Pulling Tool is then run to engage the HD Chamfered Fish Neck of the NRRS. Our unique chamfered fish neck has a 40% greater load bearing area compared to standard fish necks, vastly improving overall strength and impact transmission at the fish. Heavy upwards jarring can then commence to retrieve the stuck fish. The HD-FRC Pulling Tool has a jar down to release and locking core feature allowing it to be safely retrieved back to surface.

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