

Welcome to Issue 39 of Peak e-News.

This month we present a further adaptation of the Peak SIM System range of products with the introduction of the SIM Permanent Plug. With an increasing industry demand for safer, more cost effective intervention solutions, Peak have increased the effective operating envelope for slickline utilisation and developed a product, previously only ever deployed using electric line, coil tubing or hydraulic workover.

If you would like any more information on any of the features in this month's issue, please contact [info@peakwellservices.com](mailto:info@peakwellservices.com)

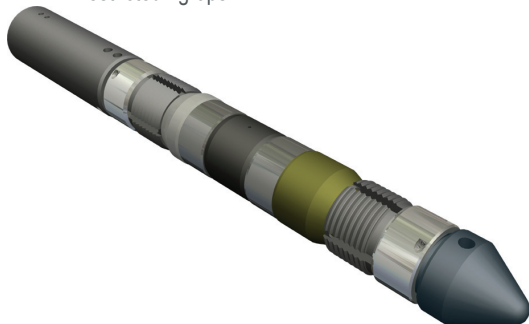
### PEAK SIM PERMANENT PLUG (NON - EXPLOSIVE)

Peak have successfully prototyped and expanded the SIM System range of products, to now include the SIM Permanent Plug. The Peak SIM Permanent Plug is a premium, cast iron bridge plug which is set 100% mechanically, using only a conventional slickline toolstring without the need for explosives or hydraulic setting systems. The Permanent Plug can be used in various applications such as permanent zonal production isolation in wells with multiple perforated zones, set as a barrier for plug & abandonment work or zonal isolation during high pressure fracture stimulation, acidizing or cementing operations.

The running OD is designed to pass most common completion nipple profiles and expand and set in its nominated tubing size and weight. The SIM Permanent Plug is run and set using the same fully patented SIM System Running Tool that is also used to deploy the Peak SIM Lock Retrievable Bridge Plug, Peak Large Bore Gauge Hanger & Peak Mechanical Leak Detection Tool. Once the Peak SIM System Running Tool is landed off on depth, downward jarring is then required to set the SIM Permanent Plug. A check pull is then applied to ensure the SIM Permanent Bridge Plug is fully set and securely anchored within the tubing. Subsequent upward jarring releases the SIM System Running Tool from the Permanent Bridge Plug and the Running Tool can be removed from the well.

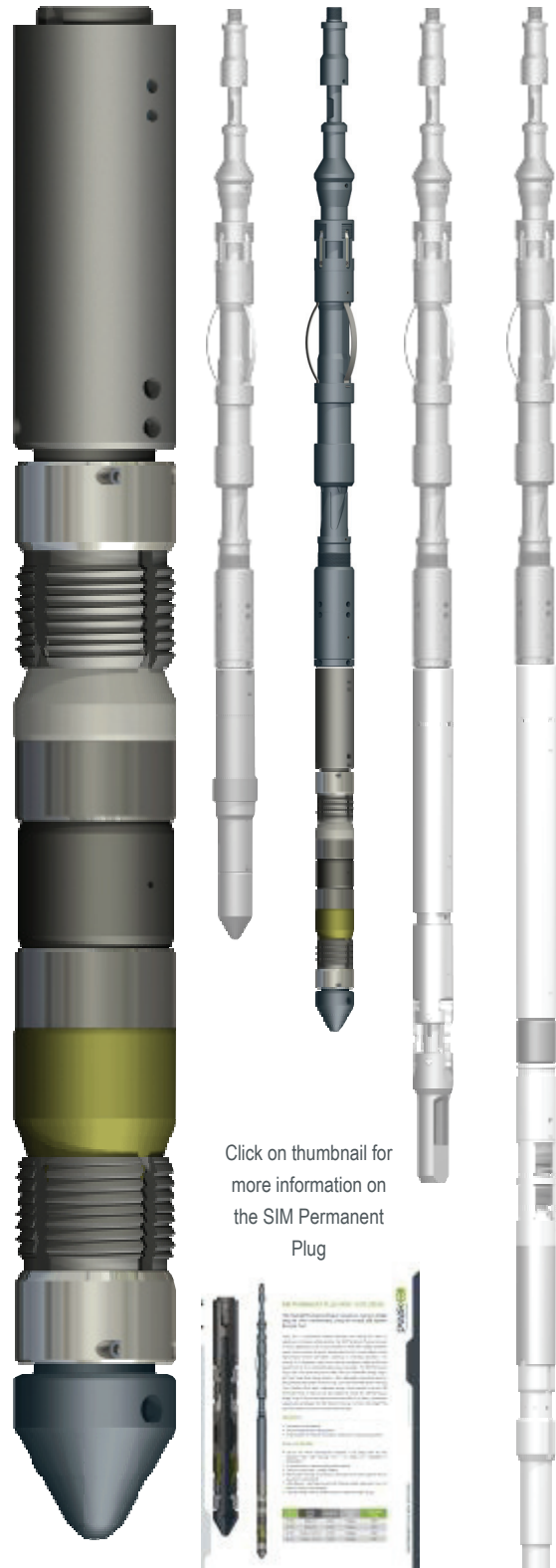
#### Features and Benefits

- Can be set 100% mechanically anywhere in the tubing with the fully patented Peak SIM Running Tool (UK Patent No: GB2432607 & GB2424237)
- Safe - No pyrotechnics or special setting tools required
- Cast iron construction - readily millable
- SIM System Running Tool allows a check-pull to be taken against the set plug prior to shearing-off
- Cost effective - rapid deployment with Slickline spread requirement only. No need for Electric Line package
- Compact design making utilisation ideal in height restricted rig-ups



## FLOW SAFE LOCK MANDREL

The Peak Flow Safe Lock Mandrel is designed to provide a flow-secure locking device with a positive, confirmatory tell-tale mechanism for the safe deployment of wireline retrievable safety valves. The Flow Safe Lock Mandrel is a retrofittable device to suit the uppermost "X" type nipple profile and was developed to combat the problem of incorrectly set wireline retrievable safety valves. An incorrectly set safety valve poses serious well integrity risk with serious potential to cause harm in the event that the valve is unset from the nipple profile. In the next edition of Peak e-News we will provide a more comprehensive look at the Flow Safe Lock Mandrel, however, if you require more immediate information please contact [info@peakwellservices.com](mailto:info@peakwellservices.com)



Click on thumbnail for more information on the SIM Permanent Plug



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#### NEXT ISSUE:

- Flow Safe Lock Mandrel

"Think before you print."

- Please consider the environment before printing

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