Compact Hydraulic WLVs (Wireline Valves)

Hunting wireline WLVs (wireline valves) are positioned on top of the wellhead, at the base of the lubricator rig up. They are a safety device, to be used in the event of problems when running wireline into a well. Designed to provide a positive seal and contain well pressure around stationary wireline or braided cable during well intervention operations. They work on the principle of horizontally opposed rams coming together to centralize the wire and seal around it, whilst the rams form a seal across the bore of the WLV.

The new Hunting Compact WLV represents a leap forward in WLV design, offering low weight, compact dimensions, better serviceability and fewer parts, without compromising any of the features that made the original Hunting monoblock WLVs (as supplied by Peco and Cromar) one of the best on the market. These benefits have been achieved through the use of Finite Element Analysis and some innovative design, without recourse to any compromises on safety.

Features of the Hunting Compact WLV include:

- 30% lighter than older Monoblock WLVs
- Fewer parts
- No small parts exposed to well fluid
- Single piece hydraulic cylinders
- Dual rugged ram position indicator rods
- Quick release hydraulic cylinders
- Hydraulic cylinder support rods
- Non-rising manual stems
- Keyless ram bodies
- Xylan coated ram bores
- Integral equalization valves
- Cheap replaceable seats for equalizer valves
- Use of all standard ‘O’ rings and ram seals

Hunting can supply Compact Hydraulic WLVs in single, dual, triple, quadruple and quintuple form, dressed to suit slickline, e-line, tubing and deployment systems.

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