

WELLVENE VO EXPANSION LANDING NIPPLE PROFILE PLUG



IS THIS THE FIRST LANDING NIPPLE PROFILE PLUG WITH AN EXPANDING ELEMENT QUALIFIED TO VO Q1 ISO 14310 / ISO 16070?

DESCRIPTION

The WellVeX has been designed to provide a landing nipple blanking plug that combines the sealing capability and integrity assurance of a bridge plug expanding element with the operational simplicity and reliability of a conventional lock mandrel.

In recent years, the industry has observed a continuous increase in the utilisation of bridge plugs over conventional blanking plugs. This increase may be due to off the shelf availability and more importantly the true bi-directional sealing capability of a bridge plug expanding element over a conventional blanking plug with either dual seals or v-packings.

The introduction of the WellVeX aims to offer a step change in plugging methodology and encourage the re-installation of blanking plugs within landing nipple profiles. With ageing wells and potential deteriorating tubing conditions, the plugging within higher grade material landing nipples, offers a simplified option with a higher level of integrity assurance.

In addition to this, the slickline set WellveX is available to support the demand for Tubing Hanger, Annulus & Production Bore Isolation during Platform and Subsea P&A operations. The ISO 14310 Grade VO Q1 and ISO 16070 qualified plug, offers a single element true bi-directional seal, that can be retrofitted to suit existing OEM landing nipple profiles, whilst ensuring the vast range of features and benefits significantly reduce operational time, cost and safety.

FEATURES & BENEFITS

- Qualified to API 11D / ISO 14310 Grade VO Q1 - Conventional locks mandrels only qualified to API 14L / ISO 16070 Grade V1 max
- Grade VO Q1 = Gas testing with pressure & temperature reversal cycling to zero bubble leak rate
- Working pressure up to 10,000psi - higher WP available on request
- Operating temperature from -15°C to 150°C - low temp qualified for subsea tubing hanger applications
- Single element seal design eliminates use of dual seals and v-packings to ensure a true bi-directional pressure test on the actual isolating seal
- Jar down to equalise, jar up to release design eliminates pressure balance risks associated with up motion equalising plugs
- Seal OD sized below plug body OD for protection whilst running in hole and ease of entry into seal bore
- Suitable for high deviation applications due to undersized and protected seal design
- Ideal for subsea P&A operations
- Tubing hanger, annulus and production bore isolation
- Innovative seal design for damaged seal bores
- Available with Wellvene compatible landing nipple for workover, completion and new well delivery
- Retrofitted to suit most size and types of existing OEM landing nipples
- Run by core crew wireline personnel to ensure cost saving through reduced POB
- Training manual and video provided for all wireline personnel
- No run or redress charge and supplied with additional kits for multiple use
- 1 run to set, 1 run to retrieve
- Set and retrieved on Slickline
- Standard mechanical running tool / GS pulling tool
- Check pull feature incorporated for set verification
- Tell tale on running tool for correct set verification
- Built in junk catcher sump
- Supplied with drift and sized seal bore cleaning tool
- No square shoulders on lock body to eliminate potential hang up during retrieval
- Supplied with prong, melon or pump open equalising sub
- Crossed over to supplied remotely activated equalising device
- Eliminates the requirement and costs associated with bridge plug setting equipment and skilled personnel
- Designed to hold pressure from above, below and from sudden reversals
- Sale and rental options available

GET IN TOUCH