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ProLATCH

Wellhead retrieval system

APPLICATION

Recovery of surface casing and subsea wellheads for plug-and-abandonment operations

BENEFITS

- Eliminates the need for marine swivel or long drill collar string
- Can cut and retrieve both the casing string and the subsea wellhead in one run
- Robust design reduces bowing effect in the workstring, as weight does not have to be slacked off onto a marine swivel
- Minimizes possible drillstring failure because the drillstring is not rotated in open water.

FEATURES

- Custom wellhead recovery grapples
- Integral collet assembly engages wellhead
- Robust and stabilized system
- Motor or rotary driven system

The ProLATCH* wellhead retrieval system combines a high-performance wellhead spear, hydraulic pipe cutter, and nonrotating stabilizers to recover surface casing and subsea wellheads for plug and abandonment operations.

Simplify mechanical abandonment operations

The ProLATCH wellhead retrieval system is designed to simplify mechanical abandonment operations by eliminating the need for a marine swivel and a long drill collar string and reducing workstring handling time. Once engaged, the system can retrieve both the surface casing and the subsea wellhead.

Reliable recover of surface casing and wellhead

To begin a casing retrieval operation, the wellhead spear is engaged and overpull is applied in order to assist with tension cutting. The hydraulic pipe cutter severs the casing, and a pressure indication confirms that the cut has been successful. This feature eliminates the possibility that the cutter is pulled out of the hole before the cutting operation is complete. Once the casing is severed, the ProLATCH system wellhead spear remains engaged in order to recover the surface casing,wellhead and guide base to surface. A customised range of wellhead segment grapples are available to ensure effective engagement during wellhead recovery.

The system can be operated using a topdrive for rotary cutting operations or deployed with a positive displacement motor (PDM).

Reduce bowing effect in the workstring

In offshore operations, weight does not have to be slacked off onto a marine swivel, thereby reducing the bowing effect in the workstring. This minimizes the risk of fatigue failures caused by rotating and bending.

Specifications	Tool series 16000
Wellhead Size, in	18¾
Static Pull Capacity, lbs	1,100,000
Pipe Cutter Sweep, in	44½, 54½

ProLATCH system.

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