

World's first run with 20-in. RTTS® high-expansion packer takes safety and savings to new heights

Location: North Sea

CHALLENGE – In the North Sea, a major operator's floating drilling rig failed to pull out the wear bushing when running 13 3/8-in. casing, preventing the pulling tool from passing through the upper annular preventer. They needed to quickly find a solution that would allow them to displace to seawater and disconnect the lower marine riser package (LMRP).

SOLUTION – Halliburton's recommendation was to install a 20-in. RTTS® high-expansion packer and subsurface control (SSC) valve. The RTTS high-expansion packer has an OD small enough to go through the wear bushing and still set inside of the casing. Combining this packer with an SSC valve would allow Halliburton to close in the well in order to safely work on the wellhead.

The main challenge was to ensure that the RTTS packer was able to pass through the wear bushing and would not get stuck in the upper annular preventer, blocking the blowout preventer (BOP) and adding extra rig time.

RESULT – There were no issues running and setting the RTTS packer and SSC valve. Only two attempts were needed to pass through the BOP after retrieving the RTTS packer and SSC valve. This process saved six hours of rig time by eliminating the need to drill out after job was complete. In addition, another six hours was saved by not having to fish out any metal parts from the wellbore. What would typically have taken 12 hours once completed, had been reduced to zero. This new Halliburton system proved successful not only in saving at least 12 hours valuable rig time, but also saved an estimated daily rig cost of \$600,000.



HAL40060

**For more information on RTTS® high-expansion packers,
please call your local Halliburton representative or email us at service.tools@halliburton.com**

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