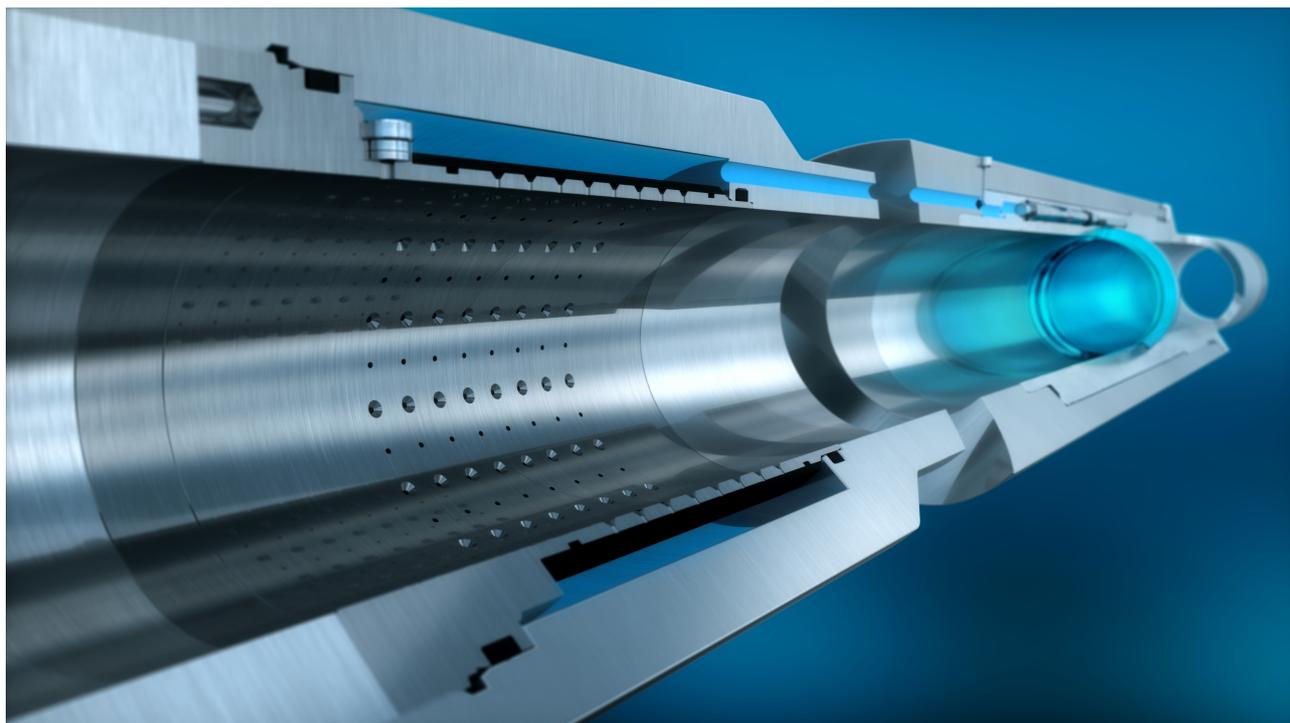


Operator Saves USD 6 Million by Using TCO TDP-3 HPHT as a Barrier

On 10 August 2014, a major operator used the TCO Tubing Disappearing Plug (TDP-3 HPHT) as a primary barrier against the reservoir, eliminating the costly use of high density clear completion fluid and saving the company an estimated USD 6 million.



Product

Completion Barrier Glass Plug - TDP-3 HPHT

Location

North Sea, Norway

Challenge

In a HPHT field on the Norwegian Continental Shelf, a major operator's best practice prior to installation of upper completion has been to isolate the reservoir using a barrier plug. This has further been overbalanced with heavy high density clear completion fluid as a secondary barrier. By stepping away from using high density clear completion fluid the client would reduce expensive rental, waste and logistic costs.

Additionally, the operator would save costs by removing a displacement operation that normally would result in several hours of rig time. TCO was given the challenge of providing a barrier plug with the primary function to act as a reliable barrier against the reservoir and secondly, to open remotely.

Solution

With more than 350 installations worldwide, the company's Tubing Disappearing Plugs (TDP) has a flawless track record with regards to the barrier function. The patented laminated glass barrier material provides a

