LEADING TECHNOLOGY FROM LEADING PROVIDERS

ardyne.

Set bridge plug & test, place cement, dress/tag & cut casing in a single trip

Ardyne & Major Service Provider collaborated on a casing recovery operation for a Major Operator in Norway.

The operation included the setting of a bridge plug, placing cement barrier & cutting of the 9 5/8" casing in a single trip.

Ardyne's newly developed Shogun Cement Thru System was run for the first time, in conjunction with the other service providers Bridge Plug and the Retrievable Plug.

This combination not only reduces operational time it reduces trips downhole, providing an HSE benefit with less time spent in the redzone.

OPERATIONAL SEQUENCE

- 1 Set Bridge Plug @ 3,546m and pressure test
- 2 Place 250m cement plug
- 3 Short trip Retrievable Plug, hang off and wait on cement
 - Complete surface operations;
 - Wash, pull and re-install BOP
- 4 Dress/tag cement @ 3,239m
- 5 Pick up and cut 9 5/8" casing @ 1,213m
 - Pull Shogun BHA to surface

<u>Not Shown</u>

- 6 RIH with FRM Spear & Packoff
 - Recover 10 3/4" x 9 5/8" casing to 1,213m



CASE STUDY – 2023NOR049

SHOGUN - CEMENT THRU SYSTEM

Set bridge plug & test, place cement, dress/tag & cut casing in a single trip



