



## Wellbore History

### GENERAL

Well 34/2-5 S was drilled to test the Raudåsen prospect on Tampen Spur in the North Sea. The primary objective was to test the hydrocarbon potential in Late Triassic to Early Jurassic sandstones of the Statfjord Group and Lunde Formation.

### OPERATIONS AND RESULTS

Wildcat well 34/2-5 S was spudded with the semi-submersible installation Transocean Arctic on 28 February 2018 and drilled to TD at 3680 m in the Late Triassic Lunde Formation. Operations proceeded without significant problems. The well was drilled with seawater and hi-vis pills down to 473.5 m, with bentonite/KCl mud from 473.5 to 906 m, with EMS 4600 oil-based mud from 906 m to 3389 m, and with WARP oil-based mud from 3389 m to TD.

Top Statfjord Group was penetrated from 3451 m (3387.8 m TVD) to top Lunde Formation at 3568 m (3504.8 m TVD) The whole of Statfjord and Lunde to TD consist of interbedded sandstone, siltstone and Claystone, with rare beds of Coal and carbonaceous Claystone in the Statfjord Formation. Net/gross reservoir is calculated to 0.61 in Statfjord and 0.44 in Lunde, with 19% average porosity for both. Pore pressure was measured on LWD stethoscope and showed water gradients in both Statfjord and Lunde, but with different pressure regimes in Statfjord and Lunde. There were no oil shows above the OBM in the well.

Due to dry well no cores were cut. No wire line logs were run, and no fluid sample was taken.

The well was permanently abandoned on 31 March 2018 as a dry well.

### TESTING

No drill stem test was performed.

## LITHOSTRATIGRAPHY & HISTORY FOR WELL: 34/2-5 S