

## **Wellbore History**

## **GENERAL**

Well 25/2-19 S is an appraisal of the 25/2-17 Frigg Delta discovery in the south-west end of the Bjørgvin Arch in the North Sea. The primary objective was to evaluate the hydrocarbon potential in the Frigg Formation and to obtain fluid samples.

## **OPERATIONS AND RESULTS**

A 9 7/8" pilot hole was drilled down to 1102 m. No shallow gas or waterflow was observed.

Appraisal well 25/2-19 S was spudded with the jack-up installation Mærsk Interceptor on 27 August 2017 and drilled to TD at 2380 m in the Paleocene Sele Formation. Operations proceeded without significant problems. The well was drilled with seawater and hi-vis pills down to 1102 m and with EMS 4600 oil-based mud from 1102 m to TD.

Top Frigg Formation was encountered at 2100 m (1989.4 m TVD), with oil down to the OWC at 2114.5 m (2003 m TVD). The well was drilled with no returns to surface down to 1102 m. Below 1102 m there were no shows detected above the oil-based mud, apart from a questionable show in the oil-bearing Frigg reservoir. Oil mobility in the Frigg reservoir was confirmed by sampling.

No cores were cut. Twenty two samples were acquired with the MDT tool: three oil samples at 2101.2 m, five oil samples at 2104.3 m, three oil samples at 2107.2 m, five oil with traces of formation water samples at 2111.5 m, one water with traces of formation oil at 2113.0 m, and five water samples at 2114.4 m. Interval Pressure Transient Tests were conducted at all these depths except 2101.2 m MD due to probe being plugged at the end of the station.

The well was permanently abandoned on 11 September 2017 as an oil appraisal.

## **TESTING**

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 25/2-19 S