



Wellbore History

GENERAL

Well 26/5-1 was drilled on the Storbarden prospect in the Stord Basin in the North Sea. The primary objective was to prove hydrocarbons in sandstones in the Paleocene Balder Formation. The secondary objective was to test evaluate the hydrocarbon (oil) potential of the Langenuen Prospect in the Utsira Formation.

OPERATIONS AND RESULTS

Wildcat well 26/5-1 was spudded with the semi-submersible installation Borgland Dolphin on 10 April 2013 and drilled to TD at 1910 m in the Cretaceous Tryggvason Formation. No shallow gas was seen. Stuck pipe, mud losses and gas peaks, possibly related to a fault zone, occurred in the interval 1320 m to 1480 in the 12 1/4" hole section. The well was drilled with seawater and hi-vis pills down to 778 m and with Carbosea oil based mud from 778 m to TD.

Top Utsira Formation was penetrated from 817 m to 874 m and was developed with minor siltstone in the upper part grading to silty claystone in the lower part. Two good sandstone sequences were penetrated in the lower Hordaland Group, from 1312 to 1377 m and 1407 to 1434 m. Top Balder Formation was penetrated from 1504 to 1566 m, but the prognosed Intra-Balder sandstones proved to be poorly developed with only a few one-meter thick sandstones based on log evaluation and only grains of sandstone seen in the cuttings. The well was dry all through. Fluorescence was described in several sections of the well, but due to poor cuttings quality and above all, the use of OBM, these shows are inconclusive. Post well chromatographic analyses of thermal extracts from cuttings show nothing but the oil base.

No cores were cut and no wire line logs were run in the well. No fluid samples were taken

The well was permanently abandoned on 6 May 2013 as a dry well.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 26/5-1