



Wellbore History

GENERAL

Well 3/7-6 is located ca 4 km east-northeast of the Trym Field close to the boarder to Denmark. The objective was to test the hydrocarbon potential of the Farsund Formation sandstones in the "Spekkhugger" prospect, a stratigraphic trap.

OPERATIONS AND RESULTS

Wildcat well 3/7-6 was spudded with the semi-submersible installation Mærsk Jutlander on 8 October 1996 and drilled to TD at 4120 m in the Late Jurassic Haugesund Formation. The hole was drilled with less than 2 deg deviation down to 3370 m where deviation suddenly increased to around 10 deg with a maximum of 13.3 deg at 3750 m. Otherwise the well was drilled without significant technical problems. The mud used was seawater/spud mud down to 1105 m, Barasilc (sodium silicate) mud from 1105 m to 3425 m, and KCl/polymer mud from 3425 m to TD.

The well encountered the top Jurassic, Farsund Formation at 3439 m and the underlying Haugesund Formation at 4050 m. Four units of sandstones with good porosities were encountered between 3469 and 4050 m in the Farsund Formation. Weak to moderate hydrocarbon shows were observed in ditch cuttings and on core samples between 3621 and 4030 m, but the formations were evaluated as water bearing.

A 10.4 metre spot core was recovered from 3640 to 3650.44 m. Three segregated MDT samples were taken at 3478 m. They contained water with traces of gas.

The well was plugged and permanently abandoned on 30 November 1996 as a dry hole with shows.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 3/7-6