



GENERAL

Wildcat well 30/11-6 S is located on the Bj ørgvin Arch in the Northern North Sea, between the Frigg Area and the Oseberg S ør area. The primary objective was the hydrocarbon potential in sandstones within the Upper and Middle Tarbert Formations in the Brent Group. The secondary objectives were to investigate the remaining part of the Brent Group and the Lower Heather Formation, to secure seismic tie by shooting VSP, and to obtain pressure

measurements for regional understanding and evaluation of internal pressure barriers within the Brent Group.

OPERATIONS AND RESULTS

Well 30/11-6 was spudded with the semi-submersible installation Deepsea Delta on 3 June 2004 and drilled to TD at 3550 m in the Early Jurassic Drake Formation. No significant problems were reported from the operations. The well was drilled with seawater and pills of bentonite spud mud down to 1415 m and with Glydril KCl/polymer mud from 1415 m to TD.

The well penetrated Lower Heather, Upper Tarbert (Tarbert 3), Middle Tarbert (Tarbert 2), Lower Tarbert (Tarbert 1) and Ness Formations of the Brent Group. The formation tops were encountered somewhat deeper than the prognosis. The reservoir quality was slightly better than expected. The well did not prove any commercial hydrocarbons, although good oil shows were obtained in Upper and Middle Tarbert Formation. Three conventional cores were cut, covering parts of Upper Tarbert, Middle Tarbert and parts of Lower Tarbert Formation of the Brent Group. The cores showed variable reservoir quality, but contained several reservoir units of good quality. The best reservoir zone was found within the upper parts of Middle Tarbert. The wire-line program was performed according to dry hole scenario, without MDT sampling, MSCT and the FMI wire-line logs in the 8 1/2" section.

The well was permanently abandoned on 2 July 2004 as a dry well with shows.

TESTING

No drill stem test was performed

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 30/11-6 S