



Wellbore History

GENERAL

Well 15/5-6 was drilled on the Glitne field in the North Sea. The main objective was to appraise the 15/5-5 Glitne oil discovery in the Heimdal Formation. The secondary objective was to investigate the oil potential of a separate "Intra Lista Sandstone" which had been mapped as a sequence lapping onto the main Heimdal Formation.

OPERATIONS AND RESULTS

Appraisal well 15/5-6 was spudded with the semi-submersible installation Byford Dolphin on 20 June 1997 and drilled to TD at 2725 m in the Paleocene Ekofisk Formation. The drilling went according to plan. However, problems due to poor hole conditions were encountered during wire line logging at TD. The well was drilled with seawater and hi-vis pills down to 1002 m and with KCl/polymer/glycol mud from 1002 m to TD.

The top of the main Heimdal reservoir was penetrated 39 m TVD deeper than prognosed. The top corresponded seismically to the reflector that pre-drill was interpreted as the top "Intra Lista Sandstone", so the general consensus is now that the reflector is actually the top Heimdal Formation and that the "Intra Lista Sandstone" sequence is not present.

The uppermost part of the Heimdal reservoir was oil bearing, exhibiting good reservoir properties. The OWC was found at 2185 m (2160 m TVD MSL), equivalent to the contact in well 15/5-5. No other parts of well 15/5-6 contained hydrocarbons or shows of hydrocarbons.

One core was cut in the upper part of the Heimdal Formation. No fluid sample was taken in the well.

The well was permanently abandoned on 16 July 1997 as an oil appraisal.

TESTING

The well was not production tested due to the limited oil column and no "Intra Lista Sandstone" being present.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 15/5-6