



Wellbore History

GENERAL

In 1994 well 6407/8-2 was drilled on the block 6407/8 "Tau" prospect, resulting in the discovery of a sub commercial accumulation in the Jurassic. Based on later acquired 3D survey (BPN9501) the prospectivity in the license was re-evaluated by BP in 1996, and exploration well 6407/8-3 was drilled to test the block 6407/8 "Draugen West" prospect. This was a Jurassic prospect lying between the Draugen field and the 6407/8-2 Tau accumulation, defined as a structural - stratigraphic combination trap. The primary target was the Jurassic Ile sandstone; the secondary target was the Tilje formation.

OPERATIONS AND RESULTS

Exploration well 6407/8-3 was spudded with the semi-submersible installation "Mærsk Jutlander" on 13 May 1997 and drilled to TD at 1960 m in the Early Jurassic Åre Formation. The well was drilled with a water based silicate mud. It was drilled riser less to 1052 m; no logs or cuttings were obtained from above this point.

Well 6407/8-3 successfully penetrated both reservoirs. The average net porosity in both the Ile and Tilje formations was over 30% and the cuttings indicated this was highly unconsolidated, although there were significant interbedded shales within the sand. Gas levels were generally low with total gas never going above 0.2 %. Traces of C2 - C4 were observed over the Jurassic section. Some indications of residual hydrocarbons were seen in the logs, otherwise no trace of movable hydrocarbons was found within the two reservoirs. Geochemical extraction of SWC in an on-shore laboratory (LGC Ltd in UK) proved small amounts of hydrocarbons through the entire Ile formation and at least parts of the Tilje formation. The last 14.5 metres of the well were not logged due to hole problems. No RFT points or other direct pressure measurements were taken. No fluid samples were taken. No cores were taken.

The well was permanently abandoned as a dry well with shows on 27 May 1997.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 6407/8-3