



Wellbore History

GENERAL

Well 6507/8-2 was the second well to be drilled in the block and is located in the Grinda Graben East of the Heidrun Field. The well was designed to drill and test the hydrocarbon potential of a clearly defined structure called the Theta structure. Secondary objectives were to verify the geological model and structural interpretation of the area, and to improve the paleontological, geological and geochemical understanding of the area. TD was planned 50 m into Triassic rocks.

OPERATIONS AND RESULTS

Wildcat well 6507/8-2 was spudded with Dyvi offshore semi-submersible rig Dyvi Delta on 15 August 1987 and drilled to TD at 2690 m in Late Triassic rocks of the Åre Formation. The well was drilled with seawater and viscous pills down to 521 m, with KCl/Polymer mud from 521 m to TD.

The whole of Cretaceous as well as the Late and Middle Jurassic were missing in the well. Early Jurassic shale/siltstone (Ror Formation) was encountered at 1890 m and the Early Jurassic Tilje Formation sandstones was encountered at 1945 m. Three cores were cut. The first was cut in the interval 1894 m to 1915 m in the Ror Formation while the next two recovered 9.5 m from the Tilje Formation. From cores, cuttings and logs the well was found to be dry all through. The well was plugged and abandoned on 9 September 1987 as a dry well.

TESTING

No drill stem test was performed

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 6507/8-2