



Wellbore History

GENERAL

The 33/9-15 well is located on the northwestern flank of the Tampen Spur geological province, on the western margin of the North Viking Graben. To the north of the well location lies the Statfjord Nord oil field with the main Statfjord oil field to the south and Statfjord Øst to the Southeast. Well 33/9-15 was drilled in the southern part of Licence PL172. The primary objective was to evaluate the hydrocarbon potential of a Late Jurassic Intra Draupne Sandstone unit, which was thought to be similar to, or possibly associated with, the nearby Statfjord Nord field. The secondary objective was to evaluate Middle Jurassic sands of the Brent Group.

OPERATIONS AND RESULTS

The well 33/9-15 was spudded with the semi-submersible rig Sovereign Explorer on 23 April 1992 and drilled to TD at 3007 m in the middle Jurassic Etive Formation. The well was drilled with seawater and hi-vis pills down to 416 m and with KCl / Polymer mud from 416 m to TD. Weak shows appeared on cores at the Mime Formation level. A thin oil zone was encountered at the top of the Munin sandstone unit of the Draupne Formation and two additional thin oil zones were seen further down in the Munin sandstone. No shows were seen in the Brent Group. Three RFT fluid samples were taken in the Intra Draupne Formation Sandstone at 2743.5 m, 2783.2 m, and 2829.8 m. They all contained water with trace of oil. The sample from 2829 m contained sufficient oil for analysis, which gave an oil density of 0.859 g/cm3 (33.1 API gravity). Eight cores were cut in the interval 2711 m to 2838 m, two in the Cromer Knoll Group, one from the base Mime Formation and into the upper Draupne Formation and the remaining five in the Draupne Formation.

The well was permanently abandoned on 8 June 1992 as a dry hole with oil shows.

TESTING

No drill stem test was performed

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 33/9-15