



Wellbore History

GENERAL

Well 34/4-14 S was drilled to appraise the 34/4-11 Beta discovery. The discovery was proven in 2010 and is located approximately 20 km northwest of the Snorre field in the North Sea. The reservoir is in the Brent and Statfjord groups. The objective was to evaluate the presence of hydrocarbons at a commercial level, down-dip from the existing discovery and appraisal locations.

OPERATIONS AND RESULTS

Appraisal well 34/4-14 S was spudded with the semi-submersible installation Borgland Dolphin on 3 March 2015 and drilled to TD at 4822 m, (4563 m TVD) in the Late Triassic Lunde Formation. A 9 7/8" Pilot Hole was initially drilled to a depth of 797 m, being evaluated by LWD gamma ray, resistivity and sonic. No shallow gas, water flows, hydrates or boulders were present. The main well was drilled directionally with kick-off from the vertical at 2103 m and a sail angle below 2748 m of ca 28°. The 8 1/2" section was drilled under High-Pressure-High-Temperature procedures. No significant problem was encountered in the operations. The well was drilled with seawater and hi-vis sweeps down to 1490 m, and with XP-07 oil-based mud from 1490 m to TD.

The well encountered a reservoir in the Statfjord group from the Early Jurassic Age and proved 11 m of net sandstone of good quality. The well is dry. No oil shows above the oil-based mud were recorded in the well.

No cores were cut. MDT water samples were taken at 4642 m. Wireline logging at TD was hampered by poor hole conditions.

The well was permanently abandoned on 19 May 2015 as a dry well.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 34/4-14 S