



GENERAL

Well 6407/3-1 S was drilled on the Nordtuva prospect on the Bremstein Fault Complex in the Norwegian Sea. The well is located 17 km to the south of the Midgard gas/condensate field and 6 km to the North of the Mikkel gas/condensate field. The primary objective was to prove and encounter an economic volume of hydrocarbons in the Ile Formation of Early Jurassic age. A secondary objective was to prove hydrocarbons in the Middle Jurassic Garn Formation and in the Early Jurassic Åre Formation.

OPERATIONS AND RESULTS

Wildcat well 6407/3-1 S was spudded with the semi-submersible installation Transocean Leader on 14 April 2011 and drilled to TD at 2928 m in the Early Jurassic Tilje Formation. No significant problem was encountered in the operations. No shallow gas was encountered. The well was drilled with seawater and hi-vis pills down to 474 m, with KCl/GEM/Polymer water based mud from 474 m to 1308 m, and with XP-07oil based mud from 1308 m to TD.

Sandstones of good to moderate quality were encountered in the Garn, Ile, Ror and Tilje formations. All were water wet. No hydrocarbon shows were recorded in the well.

No cores were cut. The XPT tool was run on wire line and 10 good pressure points were recorded showing three slightly different water gradients in the Garn, Ile/Ror, and Tilje formations, respectively. No wire line fluid samples were taken.

The well was permanently abandoned on 8 May 2011 as a dry well.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 6407/3-1 S