



Wellbore History

GENERAL

Well 6406/6-2 was drilled on the Onyx West prospect in the Halten Terrace, Norwegian Sea. Onyx West is an Early - Middle Jurassic fault block prospect. The primary objective of well 6406/6-2 was to determine the presence of commercial volumes of hydrocarbons in the Early to Middle Jurassic reservoirs of the Tilje, Tofte, Ile, and Garn

Formations, and potentially the Åre Formation. There were no secondary objective levels in the Cretaceous or Tertiary. The location of the 6406/6-2 well was chosen to penetrate all reservoir intervals within closure without leaving economic volumes up dip.

OPERATIONS AND RESULTS

Well 6406/6-2 was spudded with the semi-submersible installation West Alpha on 23 September 2006 and drilled to TD at 4670 m in the Lower Tilje Formation. The well was planned for 109 days, and the actual days were 135 days. Major Non Productive Time events were due to weather (25%), and two shoe repair events and pack off events in the 17.5" hole section. The well was drilled with seawater down to 383, with Spud mud / KCL brine-SW pills / Glydril from 383 m to 1430 m, with Ultradrill water based mud from 1430 m to 2340 m, and with Paratherm oil based mud from 2340 m to TD. The site survey indicated no shallow gas at the well location. As predicted, no shallow gas was encountered in this well.

The lithology encountered came in as prognosed except for the Garn Formation, which was found to be shaled out. The Ile, Tofte and Tilje Formations were all found to be entirely water bearing. Shows were observed on sandstones and siltstones of the Ile Formation. There were indications of residual gas in low porosity sands in the Upper Ile and Upper Tilje Formations.

MDT pressure points were acquired. Clear water gradients were established in the Lower Ile and Tofte formations. MDT water samples were collected in the Lower Ile formation and confirmed Onyx West as dry. No cores were taken.

The well was permanently abandoned on 31 January 2007 as a dry well.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 6406/6-2