



Wellbore History

GENERAL

Well 6407/8-1 is located north of the Njord Field and east of the Draugen Field. The objective of the well was to test an interpreted Late Jurassic submarine fan prospect within the Viking Group. If successful, the well would prove a new play fairway on the Halten Terrace. No additional targets had been mapped at the well location.

OPERATIONS AND RESULTS

Well 6407/8-1 was spudded with the semi-submersible installation Ross Isle on 27 March 1992 and drilled to a total depth of 4650 m in the Middle Jurassic Melke Formation. A 9 7/8" pilot hole was drilled to 1100 m in the event of shallow gas. No gas was encountered. The well was opened up and drilled with seawater and hi-vis pills down to 1106 m and with gyp/polymer mud from 1106 m to TD.

Top Viking Group was encountered at 4094 m, 30m shallower than prognosis. No major sandstone was penetrated at prospect level or within the Viking Group. Minor sandstone and limestone horizons were penetrated within the Upper Cretaceous (Lange Formation, Early Turonian). These horizons were hydrocarbon bearing, recorded on logs as well as in the form of oil shows. Due to bad hole conditions no wire line logs were run below 3491 m. MWD GR and resistivity logs were however run below this depth. No cores were cut and no fluid samples were taken. The well was permanently abandoned on 7 June 1992 as a dry well with shows

TESTING

No drill stem test was performed

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 6407/8-1