



Wellbore History

GENERAL

Well 34/10-44 S was drilled under and east of the Rimfaks Discovery in the southern Tampen Spur area. The primary objective was gas injection in the Statfjord Formation Reservoir, which did not get sufficient support by the existing injector 34/10-J-1 H. The well is located in the P3 segment, situated in the northern part of the Rimfaks Discovery. The secondary objective was to drill into the Lunde Formation to investigate the hydrocarbon potential in this formation in the Rimfaks structure. Tertiary objective is gathering additional reservoir data for the Cook Formation. Coring was planned in the upper and middle parts of the formation.

OPERATIONS AND RESULTS

Exploration well 34/10-44 S was spudded with the semi-submersible installation Transocean Wildcat on 30 May 2001 and drilled deviated to TD at 4865 m (3671 m TVD RKB) in the Triassic Lunde Formation. The top hole was vertical down to 226 m where the well started to build angle. The well was drilled using seawater and hi-vis pills down to 709 m, with Glydril KCl /polymer mud from 719 m to 2312 m, and with Versavert oil based mud from 2312 m to TD.

The Cook Formation was not present in the well. The well penetrated a 490 m interval with gas and condensate in a reservoir with moderate to good reservoir properties in the Lunde Formation.

One core was cut from 4447 m to 4492 m.

Well 34/10-44 S was suspended on 8 July 2001 as a gas/condensate discovery. It was re-entered with the semi-submersible installation Deepsea Trym for production testing.

TESTING

A production test was performed in the Lunde Formation. The test produced oil, condensate, and gas from two different zones. Testing operations were terminated on 30 September 2001 and the test interval was permanently plugged and abandoned. After testing the well was converted to gas injection well 34/10-J-4 H in the Statfjord Formation.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 34/10-44 S