



Wellbore History

GENERAL

Well 34/6-2 A is a sidetrack to well 34/6-2 S on the Garantiana prospect on the northern continuation of the Visund structure on Tampen Spur in the North Sea. The primary well 34/6-2 S found oil in an oil-down-to setting in the Early Jurassic Cook Formation. The objective of the sidetrack well was to penetrate the oil-water contact. No secondary objectives were defined.

OPERATIONS AND RESULTS

Well 34/6-2 A was kicked off from 3153 m in primary well bore 34/6-2 S on 5 November 2012. The semi-submersible installation Borgland Dolphin drilled the sidetrack to TD at 3974 m (3840 m TVD) in the Early Jurassic Cook Formation. Drilling to TD proceeded without significant problems. Seventeen days were counted as non-productive time after reaching TD due to logging problems, fishing for a lost LWD component, and leak in the choke line. The well was drilled with Carbo-Sea NABM mud from kick-off to TD.

The Cook Formation was encountered at 3701 m. It was oil bearing with a water-up-to contact 3753.7 m (3688.3 m TVD). Well 34/6-2 S found oil down-to 3705 m (3671 m TVD). Pressure data from the two well bores did not prove a better definition of the oil-water contact, and several pressure cells could be present. The oil sample further down, at 3857. 8 m (3760.7 m TVD) and depleted pressure points may represent a separate compartment. Very weak blue/white fluorescence shows were recorded throughout the Cook Formation down to 3974 m.

No cores were cut in 34/6-2 A. RCI fluid samples were taken at 3753.7 m (water with 4% oil) and 3857.8 m (oil and water).

The well was permanently abandoned on 12 December 2012 as an oil appraisal well.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 34/6-2 A