



Wellbore History

GENERAL

Well 34/10-40 S was drilled on the Gullfaks fault block on Tampen Spur in the North Sea. The primary objective was to prove hydrocarbons in the Brent Group in Segment 7, North of the main Gullfaks Field.

OPERATIONS AND RESULTS

Well was spudded through slot 19 on the Gullfaks B platform on 13 August 1995 and drilled deviated to TD at 5900 m (2375.6 m TVD) in the Early Jurassic Drake Formation. The well was drilled with Seawater and PAC mud down to 1495 m and with ANCO 2000 mud from 1495 m to TD.

The Brent Group was penetrated at 5336 m (2118 m TVD) and contained a 6.5 m TVD gas column with a gas-water contact at 5358.5 m (2125 m TVD). The well also penetrated, unexpectedly, a ca 40 m thick Heather Formation on top of the Brent Group. RFT pressure measurements indicated pressure depletion in the Brent Group due to production from the Gullfaks Field. The well was therefore completed as a water injector.

No cores were cut and no wire line fluid samples were taken.

The well was completed on 13 October 1995 as a minor gas discovery and converted to development well 34/10-B-35.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 34/10-40 S