



## Wellbore History

### GENERAL

The 9/2-11 Aubrey well was drilled ca 2 km north of the Yme Field in the Egersund Basin of the North Sea. The primary objective of the well was to test the hydrocarbon potential in sandstones of the Middle Jurassic Sandnes. The secondary objective was the potential upside in the underlying Middle Jurassic Bryne Formation. The well was drilled deviated in an S-shape to avoid drilling through an extensive fault zone vertically above the target.

### OPERATIONS AND RESULTS

Wildcat well 9/2-11 was spudded with the semi-submersible installation Transocean Winner on 9 March 2010 and drilled to TD at 2861 m (2836 m TVD) in the Middle Jurassic Bryne Formation. The well was drilled with seawater and hi-vis sweeps down to 1509 m and with Enviromul oil based mud from 1509 m to TD.

Top of Cromer Knoll Group, the Sola Formation, came in at 1159 m, 92 m deep to prognosis. The reason for this is anticipated to be that the well crossed a normal fault just before entering sola, and that upper part of Sola is missing. The Formation below Sola, Åsgard Formation, was entered at prognosis. The Vestland Group came in at 2629 m. The reservoirs of both Sandnes and Bryne formations were of excellent quality as anticipated, but water wet. A coal layer was separating the shallow marine sands in Sandnes from the fluvial sands of Bryne, as expected. No oil shows were reported from the well.

No cores were cut. The well was logged on LWD/MWD. No wire line logs were run. No wire line fluid samples were taken.

The well was permanently abandoned on 29 March 2010 as a dry well.

### TESTING

No drill stem test was performed.

## LITHOSTRATIGRAPHY & HISTORY FOR WELL: 9/2-11