



Wellbore History

GENERAL

Well 6608/10-16 was drilled on the Verdande prospect on the northern part of the Dønna Terrace in the Norwegian Sea. The main objective was to prove economic hydrocarbons in sandstone reservoirs within the Fangst and Båt groups.

OPERATIONS AND RESULTS

Wildcat well 6608/10-16 was spudded with the semi-submersible installation Bredford Dolphin on 8 April 2014 and drilled to TD at 4025 m in the Early Jurassic Åre Formation. A 9 7/8" pilot hole was drilled from 465 m to 734 m where shallow gas was encountered. The pilot was plugged back and after hole opening the BOP was set above the shallow gas zone. Mud losses were experienced when drilling into a fault in the 12 1/4" section. Otherwise, no significant problem was encountered in the operations. The well was drilled with spud mud down to 691 m, with Aquadril mud from 691 m to 1575 m, and with Carbosea oil based mud from 1575 m to TD.

A 160 m thick sandy sequence was encountered at 3152 m in the Lange Formation. The sequence consisted of interbedded mudstone and sandstones, the latter 1 to 5 m thick. Weak oil shows were recorded in this section, and oil was sampled on wire line at 3153.8 m. Weak shows were described in sandstones in the Garn Formation 3717 to 3720 m and in the Ile Formation from 3753 to 3756 m.

No conventional cores were cut in the well. Wire line RCX fluid samples were taken at 3051.9 m (water), 3153.8 m (oil with 40% mud contamination), 3194.9 m (water), 3282 m (water), 3311.2 m (water), 3860.5 m (water), 3868.5 m (water), and 3955.2 m (water).

The well was permanently abandoned on 13 June as a dry well with shows.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 6608/10-16