



Wellbore History

GENERAL

Well 1/5-5 was drilled to test the Solaris prospect in the Central Graben, about 40 km North-West of the Ekofisk field, close to the border between UK and Norway. The primary target was to prove reservoir and hydrocarbon presence in Late Jurassic reservoir sands of the Ula Formation. Secondary target was the Triassic Skagerrak Formation.

OPERATIONS AND RESULTS

Wildcat well 1/5-5 was spudded with the jack-up installation Mærsk Gallant on 24 February 2016 and drilled to TD at 5942 m in the Middle - Late Vestland Group. A pilot hole was drilled from 210 to 1140 m to check for shallow gas, but no gas was seen and the opening up and continuation of the well could be carried out. The well is a deep high temperature-high pressure well. Thirty-nine days were counted as NPT. The single main cause of NPT (11 days) was main rig maintenance and changing the drilling line after installing BOP at 1140 m. Otherwise operations proceeded without significant problems. The well was drilled with seawater and hi-vis pills down to 1140 m, with NABM oil based mud from 1140 m to TD.

The primary target Ula Formation sandstone was encountered at 5831 m. The Ula Formation was 80 m thick and consisted mainly of sandstones and a few siltstones. The reservoir showed traces of gas and wireline logging was carried out for further classification. The logging proved the reservoir tight, of moderate to poor quality, and dry. There were no shows above the oil-based mud. As the primary reservoir was found dry, it was decided not to continue to the secondary, Triassic target.

No cores were cut. No fluid sample was taken.

The well was permanently abandoned on 16 September 2016 as a dry well.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 1/5-5