



Wellbore History

GENERAL

The 7324/8-3, Wisting Central III, is an appraisal well in the Hoop area of the Barents Sea. The objectives of the well were to perform XLOT in the Fuglen Formation overburden and in the Stø Formation reservoir followed by an injectivity test in the Stø Formation. In addition, there was planned a core from the Fuglen Formation overburden, including the transition zone into Stø Formation, to the bottom of the reservoir in the Fruholmen Formation. Oil and water samples were to be recovered and logs run from the 30" shoe to TD.

OPERATIONS AND RESULTS

Appraisal well 7324/8-3 was spudded with the semi-submersible installation Island Innovator on 16 August 2017 and drilled to TD at 805 m in the Late Triassic Fruholmen Formation. Operations proceeded without significant problems. The well was drilled with seawater and hi-vis sweeps down to 492 m and with Glydril water-based mud from 492 m to TD.

After having drilled the main bore, a pilot hole was drilled to 526.0 m. The purpose of the pilot hole was to obtain sonic data from the top hole section for seismic calibration.

The Fuglen Formation was penetrated at 626 m and is 39 m thick in the well. Top Wisting reservoir was encountered at 665 m. The reservoir consists of 19 m Stø sandstone, 4 m Nordmela sandstone and 72 m of intercalated claystones and sandstones in the upper Reke Member of the Fruholmen Formation. The reservoir is oil-bearing down to the OWC at 722.2 m.

Three cores were cut from 650m in the Fuglen Formation down to 766 m in the Akkar Member of the Fruholmen Formation, including the transition zone between Fuglen and Stø formations. The addition of Tritium tracer in the mud during coring of the reservoir aided in the water sample contamination analysis. MDT fluid samples were taken at 671.0 m (oil), 700.7 m (oil), and 740.4 m (water).

The well was permanently abandoned on 17 September 2017 as an oil appraisal well.

TESTING

Extended leak-off tests (XLOT) were carried out in the Fuglen, Stø and Fruholmen formations. A water injection test was performed in the Stø Formation through perforations at 678.5 - 681.5 m.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 7324/8-3