



Wellbore History

GENERAL

Well 7124/4-1 S was drilled on the Heilo prospect in the transition zone between the Hammerfest and the Nordkapp Basins, approximately 105 km north of Hammerfest and approximately 70 km north-east of Goliat field. The Heilo prospect was defined as a structural trap in the Jurassic-Triassic Fruholmen Formation in the Kapp Toscana Group. The main objective was to test reservoir and hydrocarbon presence in the Jurassic -Triassic Stø to Fruholmen formations. The Triassic Snadd, Kobbe, Klappmyss and Havert formations were secondary objectives.

OPERATIONS AND RESULTS

Wildcat well 7124/4-1 S was spudded with the semi-submersible installation Aker Barents on 16 September 2011 and drilled to TD at 2814 m (2730 m TVD) in the in the Early Triassic Havert Formation. A 9 7/8" pilot hole was drilled from 406.6 m to 829 m to check for shallow gas no shallow gas was seen. The well was drilled vertical down to 610 m, building angle to ca 16 deg at 1200 m, keeping this angle to TD. It was drilled without significant problems using seawater and hi-vis pills down to 1165 m and with Glydril mud from 1165 m to TD.

In the Jurassic the well encountered the Stø Formation at 1259 m (1238m TVD). The Stø Formation was 50.5 m TVD thick, with good reservoir quality. The Triassic Snadd Formation at 1330 m (1307 m TVD) also proved good reservoir properties. The deeper Kobbe, Klappmyss and Havert formations all contained sand layers at the top, but with reduced reservoir quality downwards. No shows were recorded in the well.

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

The well was permanently abandoned on 12 October 2011 as a dry well.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 7124/4-1 S