



## Wellbore History

### GENERAL

Well 7121/8-1 was drilled to test the Blåmann prospect in the Hammerfest Basin of the Barents Sea. The primary objective was to test the hydrocarbon potential of the Jurassic Stø Formation, secondary to test the hydrocarbon potential of the Fruholmen/Snadd formations.

### OPERATIONS AND RESULTS

Wildcat well 7121/8-1 was spudded with the semi-submersible installation Songa Enabler on 22 May 2017 and drilled to TD at 2260 m in the Late Triassic Snadd Formation. Well was temporarily abandoned on 3 June 2017 after finishing the 12 1/4" section at 1781 m in the Knurr Formation. This was due to the legal dispute over the Cap-X technology. Partnership decided that the most efficient use of resources was to temporarily P&A the well and move to 7219/9-2 Kayak. After finishing Kayak the rig returned to Blåmann on 2 July and continued operations. Otherwise, operations proceeded without significant problems. The well was drilled with seawater and hi-vis pills down to 895 m and with Enviromul oil-based mud from 895 m to TD.

Primary target Stø Formation was encountered at 1911 m. It was gas-bearing with the gas-water contact at 1934 m. The secondary targets proved to be dry. Shows on drilled cuttings are reported from 1928 m to 1984 m in the cored interval, and are described as spotted, dull fluorescence. Shows were also described in the interval from 2003 m to 2123 m, in the Nordmela, Tubåen and Fruholmen Formations, as spotty, dull, direct fluorescence with a slow, cloudy cut fluorescence. The shows descriptions are poor due to the masking effect by the oil-based mud.

One core was cut from 1918 to 1984 m with 100% recovery in the Stø and Nordmela formations. The core-log depth shift is -1.4 m. MDT fluid samples were taken at 1911.4 m (gas) and 1936.6 m (water).

The well was permanently abandoned on 15 July 2017 as a gas discovery.

### TESTING

No drill stem test was performed.

## LITHOSTRATIGRAPHY & HISTORY FOR WELL: 7121/8-1