



Wellbore History

GENERAL

Well 7219/12-2 A is a geological side-track to 7219/12-2 S. It was drilled to further evaluate the hydrocarbon potential in the Hufsa prospect on the western margin of the Polhem sub-platform in the Barents Sea. The primary objective of the side-track was to test the Stø Formation, which was not present in the primary well.

OPERATIONS AND RESULTS

Wildcat well 7219/12-2 A kicked off from 673 m in wellbore 7219/12-2 S on 8 November 2017. It was drilled with the semi-submersible installation Leiv Eiriksson to TD at 1903 m (1643 m TVD) in the Early Jurassic Nordmela Formation. Operations proceeded without significant problems. The well was drilled with KCl/Polymer/GEM mud down to 1544 m and with Performadril mud with glycol from 1544 m to TD.

The Stø Formation was penetrated from 1618 m (1413 m TVD) to top Nordmela Formation at 1813 m (1563 m TVD). The Stø Formation had good reservoir quality but proved to be water-bearing. Two good pressure points acquired on MDT, one in Stø and one in Nordmela, fell on the same water gradient as below the GWC in Nordmela in well 7219/12-2 S. Very weak traces of shows (only weak fluorescent residue: no stain or odour, no direct fluorescence, no cut fluorescence) were described on the core in 7219/12-2 A, mainly in the interval 1631 to 1654 m. These were the only shows in the well. Gas levels were low.

One core was cut from 1622 to 1674.8 m with 99% recovery. No fluid sample was taken.

The well was permanently abandoned on 30 November 2017 as a dry well.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 7219/12-2 A