



Wellbore History

GENERAL

Well 35/12-6 A is a geological side-track to well 35/12-6 S on the Uer Terrace south-east of the 35/9-7 Nova discovery in the North Sea. Well 35/12-6 S found oil in the Fensfjord Formation, but the oil-water contact could not be established. The objective of the side-track well was to drill down-dip on the structure to delineate the oil accumulation.

OPERATIONS AND RESULTS

Appraisal well 35/12-6 A was kicked off at 1059 m in well 35/12-6 S on 15 June 2018. It was drilled with the semi-submersible installation Transocean Arctic to TD at 3263 m (2993 m TVD) in Callovian age sediments in the Heather Formation. Operations proceeded without significant problems. The well was drilled with Innovert oil-based mud from kick-off to TD.

Well 35/12-6 A encountered top Fensfjord Formation at 3157 m (2906 m TVD). Fensfjord was 42.3 m TVD thick and was very heterolithic with only 6.9 m net water-bearing reservoir of moderate quality. No oil shows were observed in the well. Evaluation of the combined data from the main bore and the side-track (pressures, cores and logs) suggest an OWC between 2854.4 and 2866 m TVD, so the well penetrated Fensfjord below the OWC.

No cores were cut in 35/12-6 A. MDT water samples were taken at 3199.2 m and 3211.8 m.

The well was permanently abandoned on 30 June 2018 as a dry appraisal well.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 35/12-6 A