



Wellbore History

GENERAL

Well 6608/10-12 A is a re-entry of well 6608/10-12, which discovered oil in a thin Lysing sandstone and in the Åre 2 Formation north of the Norne Field in the Norwegian Sea. The purpose of the 6608/10-12 A Dompap appraisal well was to encounter the oil-water contact in the main Åre-2 Formation reservoir, and to determine the extent of the discovery.

OPERATIONS AND RESULTS

Well 6608/10-12 was re-entered with the semi-submersible installation Ocean Vanguard on 25 December 2008. Well 6608/10-12 A was kicked off from mill window at 2046 to 2052 m in the main bore and drilled to TD at 3075 m (2956 m TVD) in the Early Jurassic Åre Formation. It was drilled down flank of the main bore and penetrated top reservoir in a position 410 metres to the south west. Problems with sticky hole were encountered, and no wire line logging was performed. The wellbore was drilled with KCl/polymer/GEM-GP mud from kick-off to TD.

The Intra-Lange Sandstone contained shows from 2629 to 2680 m but was water wet. Several Intra-Melke Formation sandstone units were encountered in the interval 2798 to 2885 m. These sandstones were water wet without shows. The main Åre Formation reservoir was penetrated at 2830 m TVD, 60 m TVD deeper than in the main bore. Hydrocarbons were proven in the main reservoir with a 50 m oil column in the Åre 2 Formation. A potential OWC was noted at 2994 m (2882 m TVD). Poor shows were noted from the OWC down to TD of well.

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

The well was permanently abandoned on 25 January 2009 as an oil appraisal well.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 6608/10-12 A