



## Wellbore History

### GENERAL

The 16/2-15 Kvitsøy Basin well was drilled as an appraisal well for the Aldous Major South discovery in PL265 that together with Avaldsnes discovery in PL501 was to be called the Johan Sverdrup Field. The objective of 16/2-15 was to investigate the reservoir thickness, quality and facies in the southwestern part of the Johan Sverdrup Field. A specific objective was to obtain good water samples from the reservoir.

### OPERATIONS AND RESULTS

Appraisal well 16/2-15 was spudded with the semi-submersible installation Ocean Vanguard on 21 November 2012 and drilled to TD at 2006 in the Triassic Skagerrak Formation. A 9 7/8' pilot hole was drilled to 511 m to check for shallow gas. No shallow gas was observed. No significant problem was encountered in the operations. The well was drilled with seawater down to 736 m, with Performadril water based mud from 736 m to 1159 m, and with XP07 oil based mud from 1159 m to TD. The oil-based mud was chosen to avoid drill water contamination in the water samples from the reservoir.

The target reservoir, Intra Draupne Formation sandstones, was encountered at 1913 m. The reservoir was oil filled down to top Statfjord Group at 1945 m. Pressure data and logs indicate a true OWC at this depth. Oil shows on cores continued down to 1958 m. Oil shows were not observed above top reservoir or below 1958 m.

Five cores were cut from 1895 m in the Åsgard Formation and down through the entire reservoir section to 1990.7 m in the Skagerrak Formation. MDT fluid samples were taken at 1913.8 m (oil), 1916.6 m (oil), 1926.9 m (oil), 1946.5 m (water), and at 1957.1 m (water). Water samples of good quality was obtained.

The well was permanently abandoned on 13 January 2013 as an oil appraisal well.

### TESTING

No drill stem test was performed.

## LITHOSTRATIGRAPHY & HISTORY FOR WELL: 16/2-15