



## Wellbore History

### GENERAL

Well 6506/12-12 A was drilled as a geological sidetrack to well 6506/12-12 S on the northern part of the Smørbukk structure on the Halten Terrace in the Norwegian Sea. The objective of the sidetrack was to take a core in the Early-Middle Jurassic reservoir, acquire further data for decision on development, and to be a producer from the Jurassic reservoir zones in the Smørbukk NE KG segment.

### OPERATIONS AND RESULTS

The geological side track well 6506/12-12 A was drilled with the semi-submersible installation Transocean Leader. It was kicked off from the 9 5/8" casing shoe at 4788 m in well 6506/12-12 S on 6 August 2009 and drilled to TD at 5481 m (4888 m TVD) in the Early Jurassic Åre Formation. The well was drilled with XP-07 oil based mud from kick-off to TD.

From logs and samples hydrocarbons were seen in the Fangst and Båt Groups, similar as in the main well 6506/12-12 S. No fluid contacts could be established.

One core was successfully retrieved in the reservoir section of the 6506/12-12 A well. The cored interval included the Lower Ror SST Unit and Tilje 6, from 5150 to 5200 m. Pressure points were taken with the MDT tool on wire line and fluid samples were taken at 4913.5 m in the Ile 3 Formation, at 5161.8 m in the Lower Ror Formation sandstone, and at 5257.16 m in the Tilje 4 Formation unit.

The well was completed on 1 September 2009 as an oil and gas appraisal well and reclassified to development well.

### TESTING

No drill stem test was performed.

## LITHOSTRATIGRAPHY & HISTORY FOR WELL: 6506/12-12 A