



## Wellbore History

### GENERAL

Well 16/7-11 was drilled to test the Knappen prospect on the Sleipner Terrace in the North Sea. The primary objective was to test the hydrocarbon potential in the Skagerrak Formation.

### OPERATIONS AND RESULTS

Wildcat well 16/7-11 was spudded with the semi-submersible installation Songa Trym on 12 August 2015 and drilled to TD at 2650 m in the Early Triassic Skagerrak Formation. No significant problem was encountered in the operations but shallow gas was observed at 613 and 630 m. The well was drilled with Spud mud down to 575 m, with Glydril mud from 575 to 1560 m and with EMS-4400 oil based mud from 1560 m to TD.

Top Skagerrak Formation was encountered at 2546 m. The Skagerrak Formation reservoir was found to be dry based on logs, gas response, and lack of hydrocarbon shows in cuttings.

No cores were cut. No logs were run on wire line. No fluid sample was taken.

During the plug and abandon, gas bubbles were observed migrating from the wellhead after pulling out the BOP.

This gas was suspected to come from the shallow gas zone at 630m MD. Total time spent for P&A operations including sealing off the gas leak was 8.4 days.

The well was permanently abandoned on 4 September 2015 as a dry well.

### TESTING

No drill stem test was performed.

## LITHOSTRATIGRAPHY & HISTORY FOR WELL: 16/7-11