



## Wellbore History

### GENERAL

Well 7/4-1 was drilled on a structure lying on the northeastern flank of the Central Graben. The main objectives for the well were to test commercial reserves of hydrocarbons in the Upper Jurassic of the Alpha prospect and to establish the "Jæren High" Model analogy proven by the 7/7-2 discovery well.

### OPERATIONS AND RESULTS

Exploration well 7/4-1 was spudded with the semi-submersible installation "Deepsea Bergen" on 5 July 1993 and drilled to TD at 3133 m, 50 m into rocks of the Permian Zechstein Group anhydrite. The well was drilled with seawater and viscous pills down to 926 m and with KCl / polymer / glycol mud from 926 m to TD.

Seventeen m of Late Jurassic sandstones were penetrated. No hydrocarbons were observed. Three cores were cut; one in the interval 2980 m ? 2989 m in the Mandal Formation, the second in the interval 3015 m ? 3024 m in the Farsund Formation, and the third in the interval 3069 m - 3077 m in the Gyda Sandstone Member. No fluid samples were taken. The well was permanently abandoned as a dry well on 22 August 1993.

### TESTING

No drill stem test was performed.

## LITHOSTRATIGRAPHY & HISTORY FOR WELL: 7/4-1