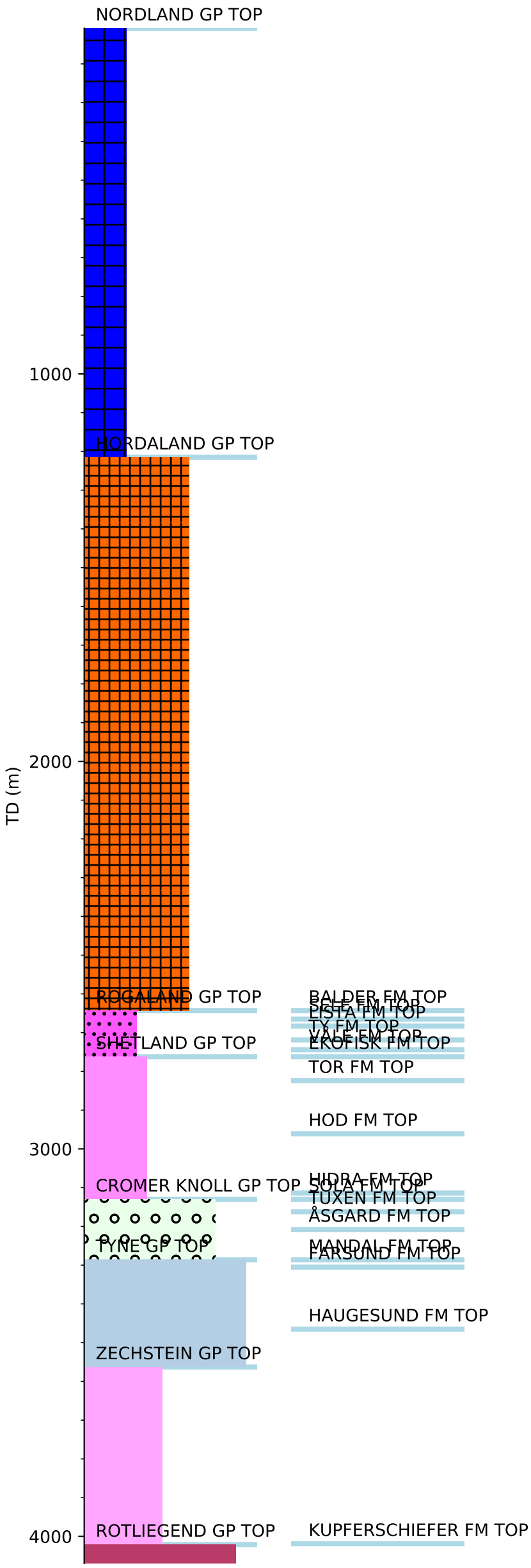
Groups

Formation Tops



Wellbore History

GENERAL

Well 3/8-1 was drilled on the Barchan prospect on the eastern side of the Søgne Basin in the North Sea, ca 3 km north of the Danish border. The primary objective was to prove reservoir potential and hydrocarbons in the Rotliegend Group of

the Barchan prospect. Secondary objectives were to test reservoir and hydrocarbon potentials in the Early Paleocene (Breeze lead) and in the Åsgard Formation (Bouma lead).

OPERATIONS AND RESULTS

Wildcat well 3/8-1 was spudded with the jack-up installation Mærsk Guardian on 29 October 2010 and drilled to TD at 4070 m in the Permian Rotliegend Group. A precautionary 9 7/8" pilot hole was drilled from the 30" conductor shoe at 186 m down to 1203 m, below the 13 3/8" casing setting depth. No shallow gas was seen, but mud losses occurred in intervals from 186 m and from 403 m. No significant problem was encountered in the operations. The well was drilled with seawater and hi-vis sweeps down to 1203 m and with Versatec oil based mud from 1203 m to TD.

The well was found to be dry. Oil based mud made shows evaluation problematic but it was concluded that no significant hydrocarbon shows existed in the well. The low level of heavy gas components (butanes and pentanes) throughout the well supported the shows evaluation. The Early Paleocene Våle Formation was encountered at 2744 m and sands were present but water bearing. The Åsgard Formation was encountered at 3208 m but proved to be shale prone. The Rotliegend Group within the Barchan prospect was encountered at 4020.5 m. The Rotliegend was of poor (non-) reservoir quality and without hydrocarbon shows. In addition, the overlying halite of the Zechstein Group was found to be much thicker than prognosed.

Due to dry hole and lack of reservoirs no cores were cut and no wire line logs were run. Consequently no wire line fluid samples were taken.

The well was permanently abandoned on 29 December 2010 as a dry well.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 3/8-1