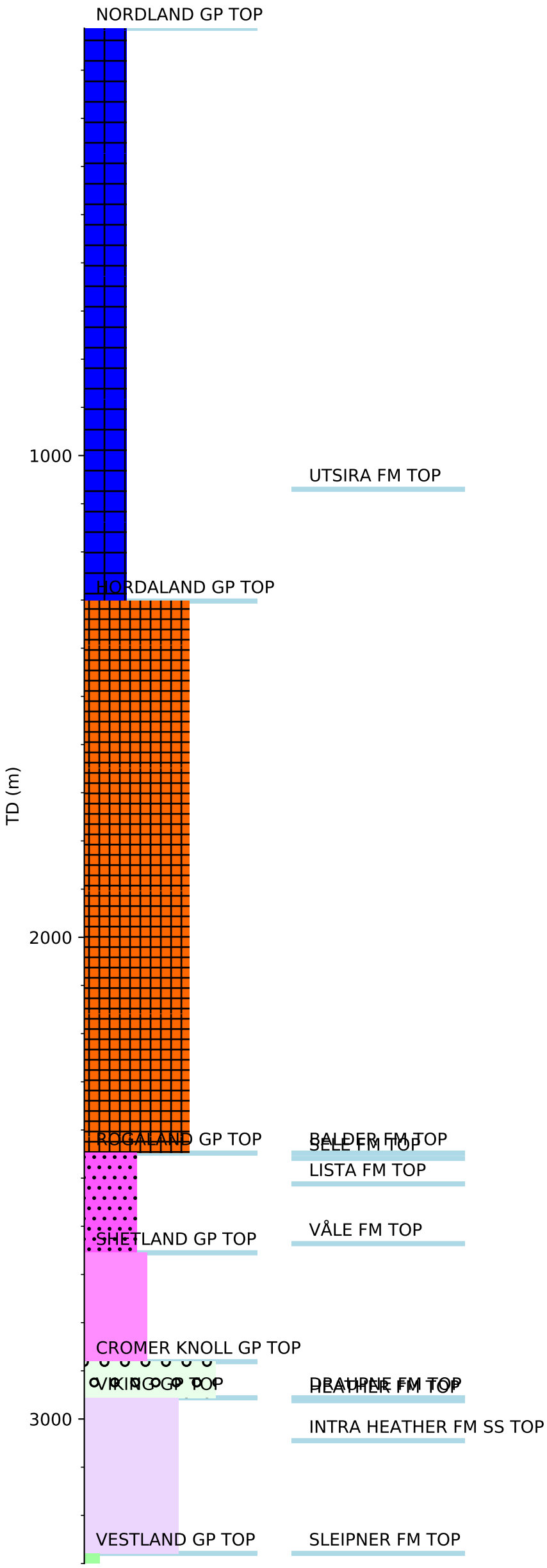
Groups

Formation Tops



Wellbore History

GENERAL

Wildcat well 15/12-15 was drilled on the Maureen Terrace, ca 3 km west of the Varg and 15/12-12 Rev Discoveries. The main object of the well was to drill to Middle Jurassic/Triassic strata with the aim to explore the hydrocarbon bearing potential of Oxfordian age sandstones analogues to the Varg West. Secondary objective was the hydrocarbon potential of Kimmeridge age sandstone immediately above the main Oxfordian reservoir. The well should measure reservoir pressure and fluid gradients, assess the reservoir quality of the Late Jurassic target reservoir, assess reservoir geometry, and confirm geophysical model in terms of depth to top and base reservoir.

OPERATIONS AND RESULTS

Well 15/12-15 was spudded with the semi-submersible installation Deepsea Trym on 19 November 2004 and drilled to TD at 3300 m in the Middle Jurassic Sleipner Formation. Apart from some very slow drilling in the interval from 2454 m to 2492 m no significant problems were encountered in the operations. The well was drilled with seawater and hi-vis sweeps down to 1370 m, and with a salt saturated /polymer mud system (Performadril) from 1370 m to TD.

Well 15/12-15 penetrated the Oxfordian sandstone at 3140.5 m. The sand was encountered 92 m TVDSS deeper than expected, and was water-wet. The overlying Kimmeridgian sands within the Heather Formation were approximately 96 metres thicker than prognosed and were also water-wet. Weak possible fluorescence was reported from cuttings within the Kimmeridgian reservoir but post-well geochemical analyses revealed no evidence for hydrocarbons of any kind. MDT pressure measurements found the reservoir to be pressure depleted.

No cores were cut and no wire line fluid samples taken in the well.

The well was permanently abandoned on 21 December 2004 as a dry well.

TESTING

No drill stem test was performed

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 15/12-15