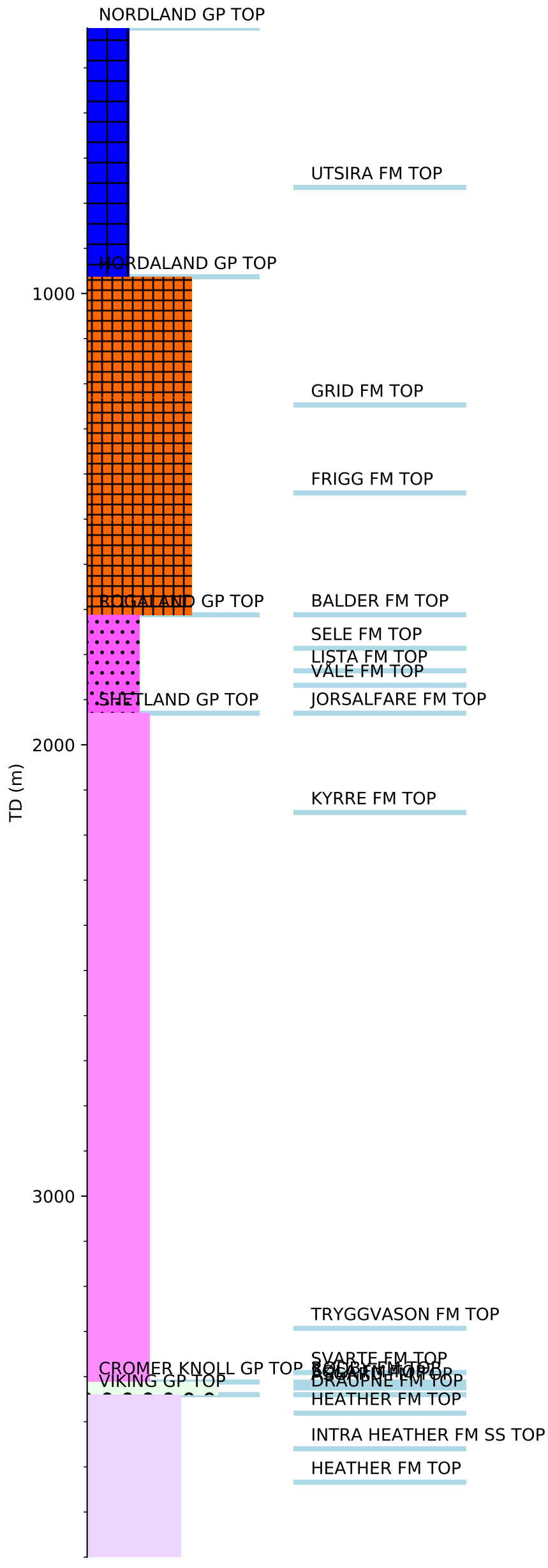

Wellbore History

Wellbore history

GENERAL

Well 35/8-6 A is a geological sidetrack to well 35/8-6 S on the Marflo Spur in the North Sea. It was drilled to test the Robins prospect, south of the 35/8-1 Vega North field. The Robbins prospect was identified in the Oxfordian section in the Vega North field, which is producing from the underlying Brent Group. Very thin Oxfordian sandstones were hydrocarbon bearing in the 35/8-1 Vega North discovery well, and the two Vega North production wells.

OPERATIONS AND RESULTS

Wildcat well 35/8-6 A was kicked off from 1840 m in the 35/8-6 S well bore on 22 April 2016. It was drilled with the semi-submersible installation Borgland Dolphin to TD at 3800 m (3560 m TVD) m in the Late Jurassic Heather Formation. No significant problem was encountered in the operations. The well was drilled with Innovert oil based mud from kick-off to TD.

The target Intra Heather Formation Sandstone was encountered at 3560.5 m (3324.8 m TVD) with a 72.9 m TVD thickness and moderate to low quality reservoir quality. The upper part was oil filled, confirmed by an MDT oil sample at 3562 m. The free water level was estimated at 3566 m (3330 m TVD). Shows were however seen throughout the reservoir interval, indicating high residual oil saturation throughout.

One core was cut from 3567.5 to 3622.1 m with 101% recovery. MDT fluid samples were taken at 3562.02 m (light oil) and 3575.01 m (water with some residual oil).

The well was permanently abandoned on 14 May 2016 as an oil discovery.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 35/8-6 A