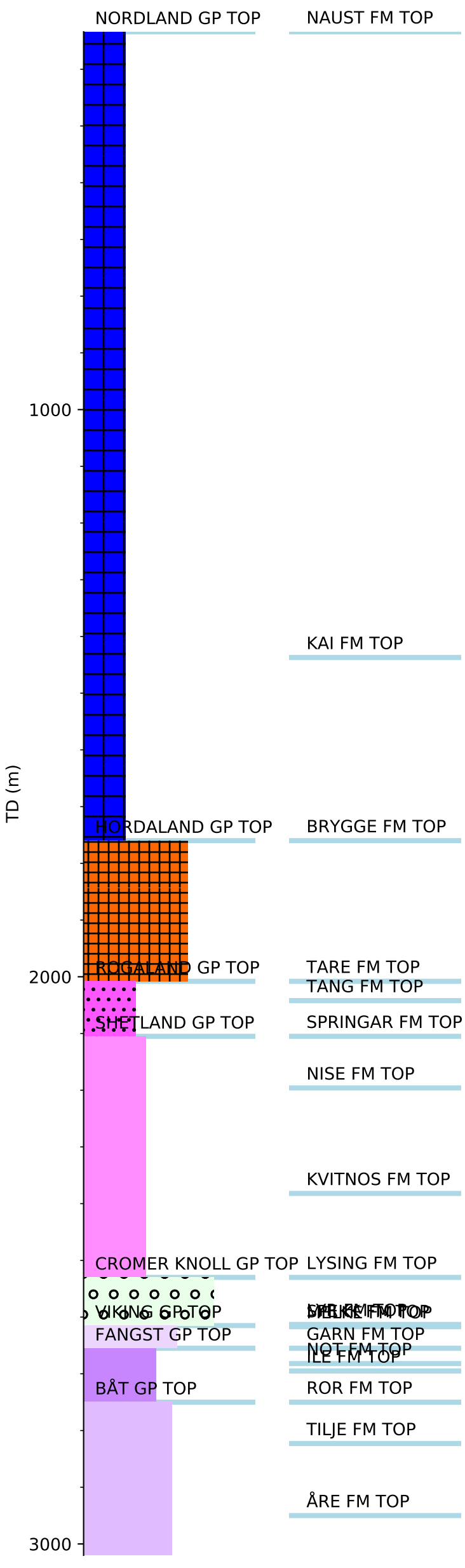

Wellbore History

GENERAL

Well 6507/10-2 S was drilled to test the Novus prospect on the Halten Terrace, about 13 km south of the Heidrun platform in the Norwegian Sea. The primary exploration target for the well was to prove petroleum in Middle Jurassic reservoir rocks (Garn and Ile formations). The secondary exploration target was to prove petroleum in Lower Jurassic reservoir rocks (Tilje formation).

OPERATIONS AND RESULTS

Wildcat well 6507/10-2 S was spudded with the semi-submersible installation West Navigator on 10 November and drilled to TD at 3020 m (2993 m TVD) in the Early Jurassic Åre Formation. A 9 7/8" pilot hole was drilled from 403 to 564 m without any shallow gas observed. The well was drilled S-shaped with kick-off at 1485 m, a sail angle of 15°, and vertical again from ca 2460 m. Drilling commenced in rough weather, leading to 961.75 hrs of WOW (42 % of the total rig time). The well was drilled with seawater and hi-vis pills down to 564 m, with Aquadrill mud from 564 m to 1479 m, and with Carbosea oil based mud from 1479 m to TD.

Top of primary target Garn Formation came in at 2655.4 m (2629.2 m TVD) with gas down to the GOC at 2666.5 m (2641.8 m TVD) and oil down to the OWC at 2680.2 m (2654 m TVD) based on MDT pressure gradients and fluid sampling. The reservoir was thicker and with better quality than expected. The other exploration targets in the Ile and Tilje formations were water bearing. No shows were recorded outside of the hydrocarbon bearing Garn Formation.

One core was cut from 2657 to 2682 m with 86% recovery. The missing 3.4 m of core was probably left in the hole, as the core was found sitting on top of the catcher when laying down at surface. MDT fluid samples were taken at 2658.5 m (gas), 2671 m (oil), 2674 m (oil), 2681.4 m (water), and at 2699 m (water).

The well was permanently abandoned on 11. February as an oil and gas discovery.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 6507/10-2 S