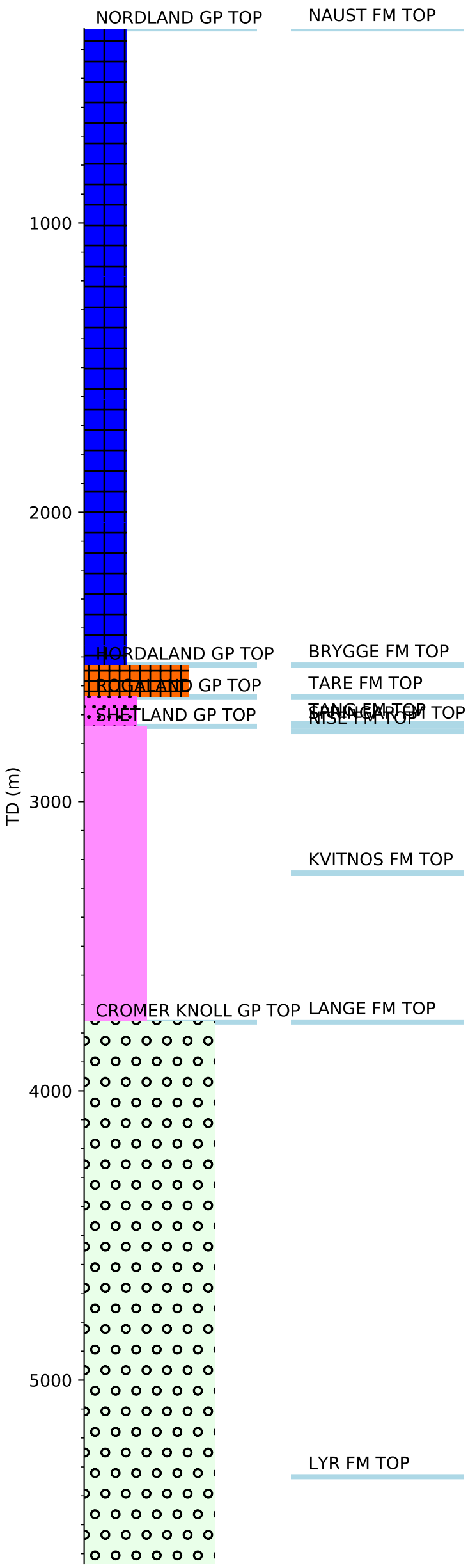

Wellbore History

GENERAL

Well 6608/2-1 S was drilled on the Sverdrup prospect on the northern part of the Utgard High in the Norwegian Sea The primary objective was to test the hydrocarbon potential in the Middle Jurassic Fangst Group with secondary targets in the Early Jurassic Båt Group and the Late Cretaceous Nise Formation sands in the Shetland Group.

OPERATIONS AND RESULTS

Wildcat well 6608/2-1 S was spudded with the semi-submersible installation Transocean Winner on 6 June 2013. A 9 7/8" pilot hole was drilled to 783 m where shallow gas was encountered. Because of the shallow gas the 20" casing was set shallow, at 714 m. The tool string stuck at 5073 m while reaming into hole after bit trip at 5263 m. The string was cut, leaving 192.5 m BHA in hole. A technical sidetrack 6608/2-1 S T2 was initiated at 11:00 hrs on 13 September. The kick-off point was at 4686 m in 6608/2-1 S. The T2 track was drilled to final TD at 5634 m (5600 m TVD) m in the Early Cretaceous Lyr Formation. The well was drilled with seawater and hi-vis sweeps down to 720 m, with Glydril mud from 720 m to 2770 m, and with EMS-4600 oil based mud from 2770 m to 5263 m in the primary well bore. The sidetrack was drilled with EMS-4600 oil based mud from kick-off at 4686 m to 4885 m and with WARP mud from 4885 m to TD.

There were a number of deviations from the proposed stratigraphy in this well. The Kai Formation was not present in the well. Instead, the Nordland Group consisted of a thicker than prognosed Naust Formation. The Early Cretaceous Cromer Knoll Group proved to be much thicker than prognosed. The Late Cretaceous Nise formation had no reservoir development within the wellbore while the Jurassic targets were absent/not reached. The well was dry with no shows.

No conventional cores were cut and no fluid samples were taken in the well bores. The temperatures encountered were higher than prognosed. Measured temperature was 149 °C (12 degrees higher than prognosed) at 4406 m TVD and 200 °C at 5566 m TVD.

The well was permanently abandoned on 26 October as a dry well.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 6608/2-1 S