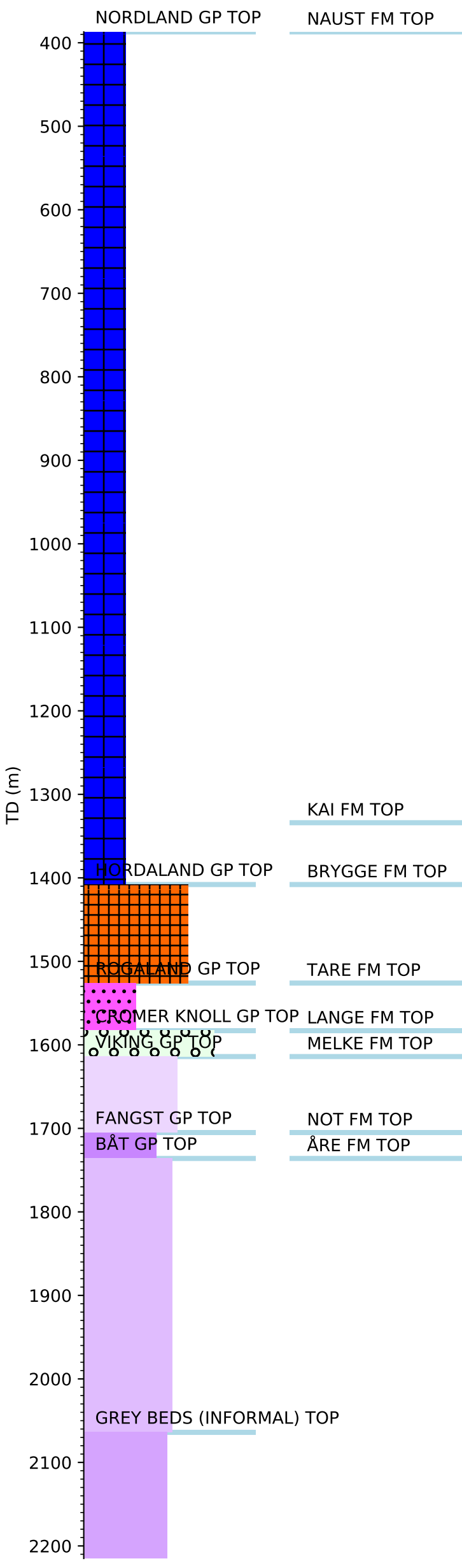


## Wellbore History

GENERAL

Well 6608/11-2 is located in the NE part of the Dønna Terrace, NW of the Nordland Ridge. The target prospect Falk is located at the height trending NE from the Norne Field via the Svale discovery. It is defined on a gently dipping fault block, enclosed by faults on three sides and open to the SW. The main objective of well 6608/11-2 was to prove hydrocarbons in the sandstones in the Melke and the Åre Formations in the Falk prospect.

OPERATIONS AND RESULTS

Wildcat well 6608/11-2 was spudded with the drill ship "West Navion" on 28 October 2000. Boulders were encountered from 387 - 420 m. Due to boulders the ROP was very low and inclination built uncontrolled to above 2.5 degrees. The well was respudded 15 m to the west and drilled with reduced WOB. Even here boulders caused a low ROP. Especially a very hard boulder bed around 397 m MD in both holes caused very low progress and very high, erratic torque readings. The second spud was successful and the well was drilled to a total depth of 2215 m in the Late Triassic Grey Beds. No shallow gas was observed by the ROV at the wellhead. The well was drilled with seawater and bentonite down to 1254 m and with water based "GLYDRIL" mud (4.5 - 5% glycol) from 1254 m to TD.

Several good reservoir zones were penetrated in the Åre Formation and the Triassic Grey beds. A silty Melke Formation was also encountered, but did not have the same reservoir quality as the Åre and Triassic sequences. The reservoir sequence at the top of the Åre Formation proved to be oil bearing. The reservoirs in the Melke Formation, the lower part of Åre Formation and the Grey beds Formation were water wet. This was verified both by shows on cuttings and cores, logs, samples and laboratory studies of the cores. The oil-water contact was not encountered in the well. A thin Cretaceous sequence, which was not prognosed, was encountered in the well. MDT sampling gave a water sample from the Melke Formation (1687 m), three hydrocarbon samples from the Åre Formation (one from 1746 m and two from 1747 m), and a water sample from the Åre Formation (1773 m). The Melke sample was contaminated with 30% drilling mud, the other samples were of good quality. The oil bearing reservoir zone was cored. The well was plugged and abandoned as an oil discovery on 24 November 2000

TESTING

No drill stem test was performed

# LITHOSTRATIGRAPHY & HISTORY FOR WELL: 6608/11-2