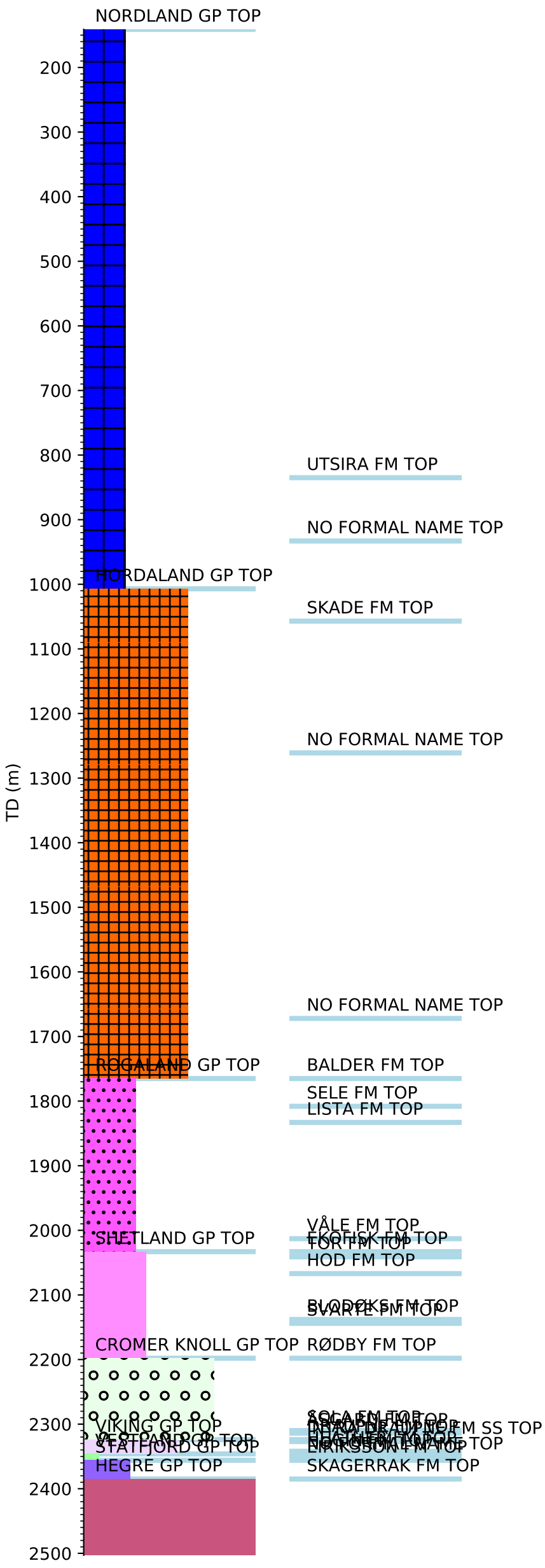

Wellbore History

GENERAL

Well 16/2-16 A is a sidetrack to well 25/2-16 on the northeastern part of the Johan Sverdrup Field on the Utsira High. The primary well bore found the oil/water contact at 1952 m, in line with the other wells in PL501. The main objective was to investigate lateral thickness and facies variations within the Viking Group and the Vestland Group in the area 1000 m to the west of the main wellbore. Further, to provide input to the Johan Sverdrup water injection strategy, and to investigate lateral pressure and free water level variations.

OPERATIONS AND RESULTS

Well 16/2-16 A was kicked off from 693 m in main well bore 16/2-16 on 13 December 2012. It was drilled with the semi-submersible installation Transocean Winner to 2274 where the string stuck. Attempts to free the string failed and in the end, a 434 m fish was left in the hole. The hole was cemented back and a technical sidetrack, 16/2-16 A T2, was kicked off from 1600 m. Drilling continued to final TD at 2503 m (2085 m TVD) in the Triassic Skagerrak Formation. The well was drilled with Versatec oil based mud from kick-off to TD.

The well encountered a gross oil column of approximately 30 m within a Jurassic sequence with largely excellent reservoir quality. No firm FWL could be established. A range for the FWL from a clean oil sample at 2361.9 m (1960.7 m TVD) to approximately 2368 m (1966 m TVD) from water gradient/oil gradient intersection was suggested. This is the deepest contact so far observed in the Johan Sverdrup area. Very weak shows (trace blue-white fluorescent cut) were recorded below the FWL, and a good spot of oil show (stain, odour, yellow-brown fluorescence) was described at 2382.5 m in the Eirikson Formation. No shows were recorded in the Skagerrak Formation.

Five cores were cut in succession in the 16/2-16 A T2 sidetrack from 2324 m in the Draupne Formation to 2420 m in the Skagerrak Formation. MDT fluid samples were taken at 2327.3 m (oil), 2355.0 m (oil), 2361.9 m (oil), and at 2379.9 m (water)

The well was permanently abandoned on 12 December 2012 as an oil appraisal well.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 16/2-16 A