



Profile 2: Seismic line tying the wells 11/10-1, Nini-1 (Danish sector) and 2/2-2 (gamma ray logs are included for all wells). The profile shows the Oligocene-Miocene progradational shelf-slope system. Note especially the huge Oligocene system where 10/11-1 and 2/2-2 represent the shelf and basin floor, respectively. The investigated sections in 11/10-1 and 2/2-2 are marked with brackets. The datings of the Miocene seismic reflectors and partly the Oligocene are based on the investigation of the well Nini-1 (after Sliwiska et al. 2010, see also Map 1 for location).

Reference: Sliwiska, K. K., Clausen, O. R. & Heilmann-Clausen, C., 2010: A mid-Oligocene cooling (Oi-2b) reflected in the dinoflagellate record and in depositional sequence architecture. An integrated study from the eastern North Sea Basin. *Marine and Petroleum Geology* Vol. 27, Issue 7, 1424-1430.

