



Figure 1. Time-Depth diagram of Danish onshore wells. Two time-limits have been chosen for which all wells plotting above are assumed to have had problems during the drilling operation. A 30 days limit is chosen for drilling to the bottom of the Fjerritslev Formation, and a 40 days limit is chosen for drilling to the total depth. 17 wells plots above one or both time limits, however, 14 are explainable whereas Aars-1, Karlebo-1, and Stenlille-7 have had significant problems. The symbols before the well names indicate the apparent reason to the prolonged drilling time: * = large total depth; \diamond = large thickness of the Fjerritslev Formation; Δ = planned mechanical repairs; \square = casing point set within the Fjerritslev Formation; \dagger = can not be determined. Overall, the diagram indicates that the Fjerritslev Formation in most incidents, has not caused significant problems during or after its penetration. Explanation: SPUD = start drilling; TD = end drilling. Blue columns indicates time from SPUD to TD; yellow columns indicates time from SPUD to the bottom of the Fjerritslev Formation; green, red, and black horizontal lines indicate respectively the depth to the top of the Fjerritslev Formation, bottom of the Fjerritslev Formation, and the total depth. All data is based on information from the respective final well reports, which may be acquired through GEUS (Geological Survey of Denmark and Greenland).