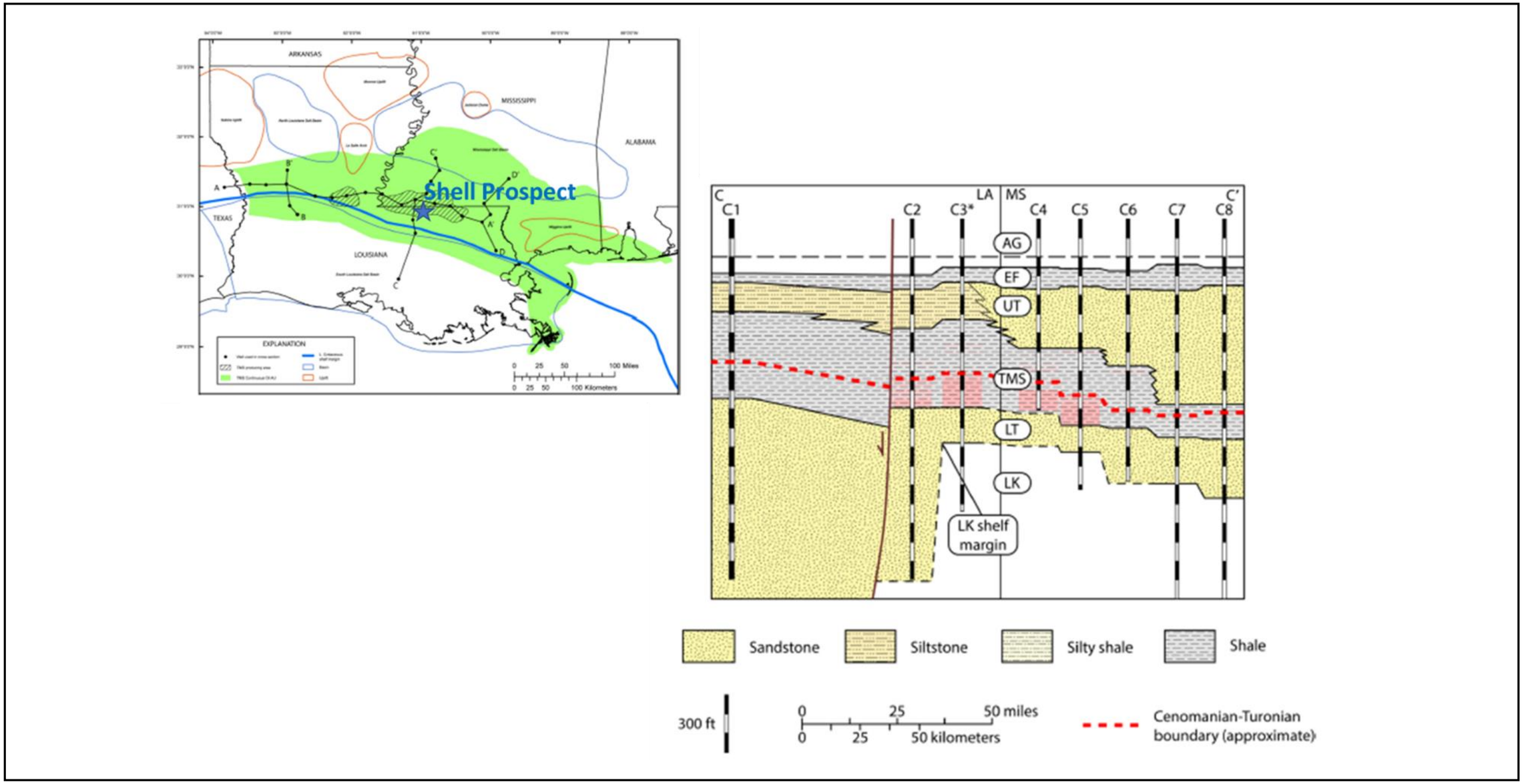

Figure 2-7: Dip section (C-C') illustrating the North to South facies change and thinning of the Upper Tuscaloosa into the project area denoted on map. Cross section is datum is the base of the Austin Group chalk lithofacies, the Tuscaloosa Marine Shale high resistivity zone (HRZ) is highlighted in pink, wells with biostratigraphy control are denoted by an asterisk(*). Abbreviations: AG: Austin Group, EF: Eagle Ford shale, UT: Upper Tuscaloosa, TMS: Tuscaloosa Marine Shale, LT: Lower Tuscaloosa, LK: Lower Cretaceous, LA: Louisiana, and MS: Mississippi. (From Rouse, 2018 Early and Late Wilcox paleogeography) (Modified after Galloway et.al., 2000 and Swanson, S. and Karlsen, A., 2009)