

Molasový vývoj alpsko-karpatské předhlubně a vídeňské pánve

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(The evolution of the mollase in the Alpino-Carpathian Foredeep and the Vienna Basin)

Abstract

The Vienna Basin is the most interesting geological territory in the Middle Europe. It spreads in the Czech Moravian, Slovakian and Austrian countries. Here began the first steps of the Neogene biostratigraphy, the Tectonics and the oil-gas exploration. There are three floors in the Vienna Basin region. The uppermost is connected with the Neogene sedimentation, the middle one with the Alpino-Carpathian orogene and, the lower one with the autochthonous complex of the Bohemian Massif. The first floor is discussed with the Neogene Carpathian Foredeep, the second with the autochthone Paleogene and Mesozoic Formations under the Neogene Foredeep, and the third floor with the Hercynian orogene in the Bohemian Massif. This work presents the conclusions of the more thousand wells and hundreds seismic profiles in both basins.

(text in Czech language)