

Бюкксейк-ская чешуйчатая антиклиналь продолжается к северу до района Озд—Чизфюрде. В структуре участвуют отложения олигоцена, на которые несогласно, спокойно залегают пласты миоцена. Территорию пересекают сбросы а именно в направлении СВ-ЮЗ древние, а в поперечном направлении более молодые.

К югу от Федемеш наблюдается одна из провалившихся брахиантиклинальных складок.

## STRUCTURAL CONDITIONS OF THE SURROUNDINGS OF FEDÉMES

By F. Szentes

In 1946 I investigated the tectonical conditions of the area lying in the N from Bükkszék. It was my task to mark the drilling-places, in order to investigate the continuation of the oil-area of Bükkszék. I had at my disposal the geological map of Z. Schréter and at the same time L. Majzon carried out the survey of the same area, aiming at micropalaeontological investigations. Majzon has published his results as well as the geological bibliography concerning this territory in a separate thesis. The enclosed geological map shows the big Oligocene upwarping of Nógrádheves, which crops out between Salgótarján—Nagybátony—Recsk—Ózd. Especially the border-parts of this territory may be considered as future oil-producing areas. The most developed upwarping is in the surrounding of Bükkszék and we can follow the prolongation of this structure rising and sinking along the strike up to Ózd and Csíz-fürdő. This structure is not a simple marginal upwarping, but an assymetric tectonical structure developed by a onesided pressure from the direction of the Palaeozoicum of the Bükk-mountains. Therefore it is indicated to concentrate our oil-investigations in this territory.

The series of the Middle-Oligocene of Bükkszék is wellknown, It consists of clays, clay-marls, andesite tuffs and intercalations of sandstone. These strata can be divided in our borings into seven horizons based on Foraminifera study. I divided the series of the Upper-Oligocene layers into six horizons which gradually pass from one to the other. I. Darkgray, sandy claymarls, at the bottom greenish-yellowish-gray when fresh. These are divided by L. Majzon into three further levels based on Foraminifera study (I, IIa, IIb). These beds border in a semi-circle the structure of Bükkszék, and it is probable that they occur