

## RESERVOIR ROCK PROPERTIES OF MIDDLE EOCENE SANDSTONES IN NORTHERN THRACE BASIN

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ABSTRACT.- Değirmencilik and Yeniköy formations at north of Thrace basin were examined by means of detailed sedimentologic and petrographic studies. In this study, reservoir rock features of sandstones were studied with thin section, sonic well log, core, and scanning electron microscope (SEM) works. Results of laboratory analysis yield that sandstones of Değirmencilik and Yeniköy formations have a reservoir rock potential for oil. Petrographic studies indicate that dissolution of carbonate and feldspars together with pressure dissolutions facilitate widening of secondary pores in sandstones providing development of diagenetic traps.