

Geylani M.PANAKHOV, Gulshan R. AGAEVA

RESEARCH OF NONEQUILIBRIUM PROPERTIES OF INSULATING MATERIALS

Abstract

In the presented paper results of researches according to nonequilibrium properties of gaseous isolation systems applied to regulation of hydrodynamic behavior of grouting mortar in "oil well-layer" system are shown. Aeration processes of isolating structures by means of gas-yielding agents additives are studied.

It is established, that isolation of thief formation is reached as a result of saturation of channels and fractures by aerated grouting mortar showing non-equilibrium properties in "oil well-layer".