

Abstract

The life of the hydrogeological well is not important only in petroleum geology but also in the water industry. Nowadays, when the demand of water rises, it is necessary to ensure the smooth running of the wells and care as much as possible about their condition. The aim of this thesis is try to apply the methods of production analysis commonly used in oil production in the oil industry for water supply wells. In the thesis I will focus on monitoring the productivity of the well with regard to increasing the hydraulic losses caused by clogging.