

Annotation

In this paper, the basic concepts and methods for the use of video probes in the geophysical study of wells were considered. An analytical review of the existing video telemetry systems for downhole technologies was conducted. Based on the review, the components are optimally selected and calculated to create a prototype video monitoring system for the status of water wells. An actual moment in the work of practical value is the use of Hi – Tec technologies in the development of this system.