

Multi-function Neutron Imaging System (MNIS) Cavern Quick-Study

Application

In a particularly difficult cavern application, the owner of the cavern was looking to determine an accurate and precise diesel/brine interface just after injecting. The measurement had to be repeatable to help ensure proper displacement and the interface was only present in a 3cm thick annulus.

Outcomes

The MNIS performed perfectly with zero lost time and real-time results, highlighting a precise and clear interface that the client was able to utilize to continue leaching the cavern. The results below show a single tool pass which was perfectly repeated with a subsequent descent

