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**Meeting
Paper**



Method of Controlled Blanket-free Leaching of Salt Deposits

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The method presented herein was developed in Poland in the early 1970's. There are two possible variants of this method, each with a different first leaching stage, i.e. the way of preparing a preliminary cavern where insoluble parts freed from salt during leaching are to be accommodated. In both variants borehole casing, cemented along its full length, reaches an appropriate depth close to the designed cavern floor (leached stratum floor). Height of the bare borehole segment depends on the content of insolubles in salt and on the method of preparing the primary cavern, i.e. first leaching stage. Inside the casing there is only one tubing, lowered to the depth of several to ten-odd meters beneath casing shoe. Borehole construction is thus extremely simplified, and for small pipe diameters quite favourable flow conditions can be reached.

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