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Solution of the Brine Mining Problem and Waste Disposal at the "SAYANSKKHIMPROM" Stock Co. Brine Field

At the Ziminsk rock salt deposit situated in Irkutsk region of Russia, exists the brine field being operated from 1976. The deposit has complicated mining-geological conditions and features 11 commercial beds located at a depth down to 1750 m.

The brine field has 11 wells with average capacity of 31 m³/hour.

In 1989 at this brine field the operation was started on chlorine-organic waste disposal in the cavities of underground dissolution (well No. 1), disposal of slimes from brine purification shop and use of sulphate mother liquor as a solvent.

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