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MEETING PAPER

Stability of Underground Cavities in Rock Salts

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Abstract: Principles of Engineer-Geological model construction of salt massif are developed. Model generalizes geological structure of massif, lithologic features and properties of its rocks, permits to predict engineer-geological processes. The mathematical model for description of salt rheological properties, enabling to predict the behavior of hydrocarbons underground caverns is offered. Estimation of probable losses of liquid hydrocarbons at underground storage is received.

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