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Meeting Paper



**Study of Temperature Conditions
While Underground Storage Construction
Using Rock Salt Dissolution by Water
Supplied Through Injection Wells**

by

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Spring 1999 Meeting
Las Vegas, Nevada, USA
11-14 April 1999

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Study of temperature conditions while underground storage construction using rock salt dissolution by water supplied through injection wells

By V.I.Smimov and A.G. Pozdnyakov, Podzemgazprom, Ltd

The paper addresses and provides a method for identification of temperature conditions which accompany construction of underground storage using rock salt dissolution through drilled wells. Two problems have been addressed:

- well water and brine temperature depth profile while forming an underground cavity; and
- heat-transfer ratio in an underground rock-salt ball cavity with time-dependent radius.

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