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A non-typical approach for PVT modelling of salt caverns

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Abstract

The aim of this publication is to provide a description and the recent progress made by EdF in PVT modelling of salt caverns storing gas.

Several commercial tools exist worldwide for PVT modelling of salt caverns developed both as in-house, and for their solely use, by UGS operators or as commercial software developed by service providers.

For the second category of (only) accessible tools for new salt caverns operators with limited experience, staff and expertise, two main issues have to be considered:

Key words: gas storage caverns, computer modelling, forecast and monitoring of underground gas storage

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