

# SALT CAVERNS AND THE COMPRESSIBILITY FACTOR

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## ABSTRACT

Cavern compressibility is the ratio between pressure build-up and injected brine in a closed cavern. This parameter is important in many circumstances, for instance the prepressurization before a nitrogen leak test or the estimation of LPG volume stored in a cavern. The theoretical values of the compressibility factor are compared with field data. The case of gas pocket is considered. Possible misinterpretation of field data are discussed.

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