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MEETING
PAPER



DRILLING, CEMENTING, AND TESTING OF SALT WELLS

A CONCERN ABOUT DETAILS

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DRILLING, CEMENTING, AND TESTING OF SALT WELLS

A CONCERN ABOUT DETAILS

Industry has to realize that a storage well is not a gas or oil well.

A storage well is a pressure vessel which is being operated for many years to come. It differs from a gas or oil well in many ways. Larger holes are drilled, larger casing run, different cement techniques are required, different drilling techniques are required and in-service wells can not be mudded up to kill the well.

The design, construction, testing, and operation should provide a long cavern life.

Consideration should be given to the large impact, both financially and environmentally, due to a well failure.

The design of a storage well is the first and most important step in storing raw materials or finished products underground.

Each well should be tailored for the material stored at a certain location. Significant power savings are possible in daily well operation if the design is optimized.