

STORAGE OF GAS IN SALT CAVERNS

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ABSTRACT

Gases and vapors are being safely stored in caverns constructed in salt formations. The storage of gas is cost competitive with other methods of gas storage and offers many advantages. Storage can be designed for high gas recovery rates and many operating caverns allow gas recovery rates in excess of 300 million cubic feet per day.

Fenix & Scisson has constructed or consulted on many of these storage projects and presents some case histories beginning with the conversion of a bedded salt cavern to gas storage in 1961. Discussion includes basic considerations for storage construction, confirmation, and operation.