

Conversion of oil caverns to gas storage at the Etzel salt dome

by

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Abstract

On the Etzel salt dome 8 caverns of the German federal strategic petroleum reserve have been converted from oil to gas storage to date. The conversion of a ninth cavern is planned for 1996. A completion concept was developed which took into account specific demands and specifications whereby gas production is through the last cemented casing. This concept is designated tubingless completion because the installation does not have a retrievable tubing as production string. The paper presents the primary features of this completion type and describes the conversion phases at the Etzel caverns.