

PECKENSEN / GERMANY

Leached salt caverns for natural gas



Surface plant of the underground storage facility Peckensen with gas dehydration units

Client	EEG – Erdgas Erdöl GmbH
Number of caverns:	1 completed, 2 under construction
Unit volumes of caverns:	approx. 500,000 cm
Working gas:	$60 \cdot 10^6$ scm
Max. injection rate:	$0.84 \cdot 10^6$ scm/d (for the 1 st cavern)
Max. withdrawal rate:	$3.00 \cdot 10^6$ scm/d (for the 1 st cavern)
Remarks	<ul style="list-style-type: none">- Brine disposal into deep horizon- Nitrogen as Blanket

Main UGS-Scope

- Drilling of 2 wells and completion of 1 well for storage operation
- Engineering for and supply of the leaching plant / adaptation for the first-gas-filling / first-gas-filling operation
- Engineering and construction supervision for the surface gas plant
- Start-up, commissioning and temporary operation of the surface gas plant
- Supervision of the cavern leaching process for the 2nd cavern



Untergrundspeicher-
und Geotechnologie-
Systeme GmbH