

BAD LAUCHSTÄDT/GERMANY

Depleted gas field for natural gas



Surface plant of the underground storage facility Bad Lauchstädt – in the background 4 dehydration columns with in-house glycol regeneration

Client	VNG – Verbundnetz Gas AG
Reservoir:	Rotliegend formation
Production wells	14
Working gas:	$440 \cdot 10^6$ scm
Max. injection rate:	$4.5 \cdot 10^6$ scm/d ($20 \cdot 10^6$ scm/d including gas storage salt caverns)
Max. withdrawal rate:	$5.7 \cdot 10^6$ scm/d
Remarks	<ul style="list-style-type: none">- Common surface facilities with gas storage in leached salt caverns- The maximum gas pressure amounts to 116 % of the initial gas pressure

Main UGS-Scope

- Drilling and completion of wells
- Engineering of the surface plant
- Commissioning and start up
- Supply of 2 dehydration plants



Untergrundspeicher-
und Geotechnologie-
Systeme GmbH