Application story

WANNER™
HYDRA-CELL® PRO
SEAL-LESS PUMP TECHNOLOGIES

Produced Water Injection (1) - Into Gas Wells

Location	Hungary	**Hydra-Cell model**	D35XKSENNEHD
Type of application	Produced Water Injection into Gas Wells	**Flow rate**	8m3/hr (35 gpm)
Liquid	Water Methanol Sand	**Pressure**	100 bar (1450 psi)

Application details

A technique used in gas well dewatering is the injection of water at pressure to remove the accumulation of water gradually building at the bottom of the well which would otherwise inhibit the flow of natural gas to the surface.

For this high pressure application an operator in East Hungary had previously used Bran & Luebbe pumps, and for a new project was also considering Prominent and CAT piston pumps.

However, the technical benefits of the Hydra-Cell design, and its competitive price resulted in the purchase of two G35 pumps, plus one on standby. The pumps were installed in April 2012 and have been running since that time with no reported problems.

Advantages of Hydra-Cell pump on this application

Low energy costs. Beneficial price: the three Hydra-cell pumps together cost less than two Bran & Luebbe units. Ability to handle abrasive solids. Compact build and small footprint. Smooth low-pulse flow, with no need for a pulsation dampener.

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