

# Application story



## Acid Well Stimulation

**Location** Deleum Oilfield Services,  
Malaysia (Installation: June  
2022)

**Hydra-Cell model** T100MRKGTTTMBX

**Type of application** Pressure Injection

**Flow rate** 5m<sup>3</sup>/hr

**Liquid** SolidClenz

**Pressure** 241 Bar (3495 psi)

**Application details** As part of a well clean up and stimulation process a weak solution of HCl acid (15% Conc.) is injected into the well to descale and stimulate production. This is usually done after drilling to help improve the productivity of the well.

To protect the integrity of the well from the HCl other chemicals, inhibitors, are used.

SolidClenz™ - PREFLUSH

SolidClenz™ (ATC 125) – ACTIVE 02

SolidClenz™ – ACTIVE 01 (ATC125)

DEL-SOLTM (DURI/ BOKOR)

DEL-CLEAN II

NEVAMINE 6210 HPM

Deleum is a well service company that mobilises units to carry out these types of services. Usually, a 7 to 10 day job.

Traditionally, plunger pumps are used for this type of service. The corrosive nature of the pumped liquid results in daily maintenance to keep the job running. The packing and seals quickly leaked dangerous acids and corrosion inhibitors throughout the 7 day continuous duty on each well clean up.

**Advantages of Hydra-Cell pump on this application** Seal free packing free design keeps pumped liquid 100% contained, eliminating leakages, and maintenance making execution of the 10 day job much simpler and more productive.

[www.hydra-cell.co.uk](http://www.hydra-cell.co.uk)

Wanner Engineering -  
World Headquarters & Manufacturing  
Minneapolis USA  
t: (612) 332-5681  
e: [sales@wannereng.com](mailto:sales@wannereng.com)

Wanner International  
Hampshire UK  
t: +44 (0) 1252 816847  
e: [sales@wannerint.com](mailto:sales@wannerint.com)

Wanner Pumps  
Shanghai CHINA  
t: +86-21-6876 3700  
e: [sales@wannerpumps.com](mailto:sales@wannerpumps.com)

Wanner Pumps  
Kowloon HONG KONG  
t: +852 3428 6534  
e: [sales@wannerpumps.com](mailto:sales@wannerpumps.com)