



## CASE HISTORY

Reservoir Optimization

SlikPak™ Plus – Slickline/E-line Inflatable Packer

### Location:

### Offshore Qatar



### Challenge:

Isolate lower formation to allow upper zone to be stimulated to increase injection rate.

### Solution:

Run Bridge Plug to seal off a lower set of perforations while upper set perforations are stimulated.

### Well Description:

Vertical injector waste water, 7" casing

### Tools Used:

3.50" OD Retrievable Bridge Plug SlikPak™ Plus

### Procedure:

- Set Bridge Plug on slickline to isolate lower 7" casing perforations.
- Stimulate upper perforations by bull heading a sequence of acid (28% HCl) and diverter fluid (3% SDA).
- Retrieve bridge plug on slickline.

### Results:

- Operation successful. High diameter clearance inflatable Bridge Plug allowed for successful retrieval, where previously mechanical Bridge Plug had become stuck.

### Value Created:

- Water injection rate increase by 22%.
- Increased injection rates eliminated requirement for additional injection wells, saving \$1,000,000.

