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.