

**ZERO**  
SAND PRODUCED AT SURFACE

**4**  
MMscf/d OF GAS PRODUCED

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COST SAVINGS COMPARED TO OTHER PRODUCTS

Filtrex is a conformable, remedial sand control system designed to address the issue of sand failure in existing wells. It can be installed thru-tubing without a rig and can combine sand clean-out as part of the installation process.

## THE CHALLENGE

After being cased and perforated, a gas well began producing significant amounts of sand, necessitating effective sand control. Filtrex proved to be the ideal solution, as it was well-suited for the field's particle size distribution, with d50 ranging from 110-150 microns and up to 28% fine material. This made Filtrex the preferred choice over alternative sand control methods such as thru-tubing gravel packs and erosion resistant standalone screens.



## THE SOLUTION

TAQA implemented a slickline-compatible Filtrex solution, using 9 stacks of 2.5m units to cover an 11m perforation length. This standardized product was thru-tubing compliant, even in tight restrictions. Once in place, it expanded and conformed to the tubing ID while ensuring reliable sand control. Filtrex features a multilayer sand filter around perforated tubing for optimal performance.

## THE RESULT

Post installation, there were no signs of sand production at the surface. The well is currently producing 4MMscf/d of gas, validating the success of Filtrex in preventing sand production and enhancing well performance.



### WELL DATA

- Location: Offshore Malaysia
- Well Type: Gas Producer
- Installation Date: Dec 2024
- Tubing Size: 3-1/2"
- Deviation: 38.81 degrees
- Deployment: Slickline