

First Filtrex installation via E-line + Stroker + Tractor,  
doubling production rates compared to previous product  
Malaysia

**ZERO**  
SAND PRODUCED AT  
SURFACE

**5**  
MMscf/d  
OF GAS PRODUCED

**2x**  
PRODUCTION

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 79.1 to 110 microns and a fine material content of 5-10%. 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 an E-line-compatible Filtrex solution, using 7 stacks of 5m assemblies to cover a 34.3m perforation length. This standardized solution was thru-tubing compliant, even in tight restrictions. Once deployed, it expanded and conformed to the tubing ID, ensuring reliable sand control. Filtrex features a multilayer open cell matrix polymer (OCMP), optimizing performance and preventing sand production.

## THE RESULT

Post-installation, there were no signs of sand production at the surface. The well is currently producing approximately 5 MMscf/d of gas, validating the success of Filtrex in preventing sand production and significantly improving well performance and productivity.

Previously client installed other Sand Control product and able to produce 2MMscf/d with sign of sand observed at the surface.



### WELL DATA

- Location: Offshore Malaysia
- Well Type: Gas Producer
- Installation Date: Dec 2024
- Tubing Size: 3-1/2"
- Deviation: 78.4 degrees
- Deployment: E-line + Stroker + Tractor