



FILTREX

SUCCESS STORY

FIRST SLICKLINE DEPLOYMENT OF FILTREX RESULTS IN SAND FREE PRODUCTION

Indonesia

96%

OF INJECTED SAND WAS RETAINED BY FILTREX SYSTEM

70%

FILTREX RECOVERED 70% OF ITS INITIAL PERMEABILITY

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

The Handil and Tunu oil and gas fields require sand control after being completed as cased and perforated. After using a variety of sand control solutions, including resin, standalone screen and gravel packs, the operator was looking for a solution that covered all scenarios, reduced risks and was more efficient.



THE SOLUTION

TAQA designed a slickline compatible Filtrex solution (2.5m in length) to have a standardised product to cover all customer wells in the campaign. The system provided the flexibility to be installed thru-tubing, beyond tight restrictions, whilst offering compliance to the damaged section once set.

The control mechanism used by Filtrex is a multilayer sand filter encasing a length of perforated tubing.

THE RESULT

The results showed that all wells online had zero sand production whilst maintaining required production rates.



WELL DATA

- Location: Tunu & Handil, Indonesia
- Well Type: Gas and oil producers
- Installation Date: April/May 22
- Tubing Size: 3 1/2"
- Deviation: From 13 to 58 degrees