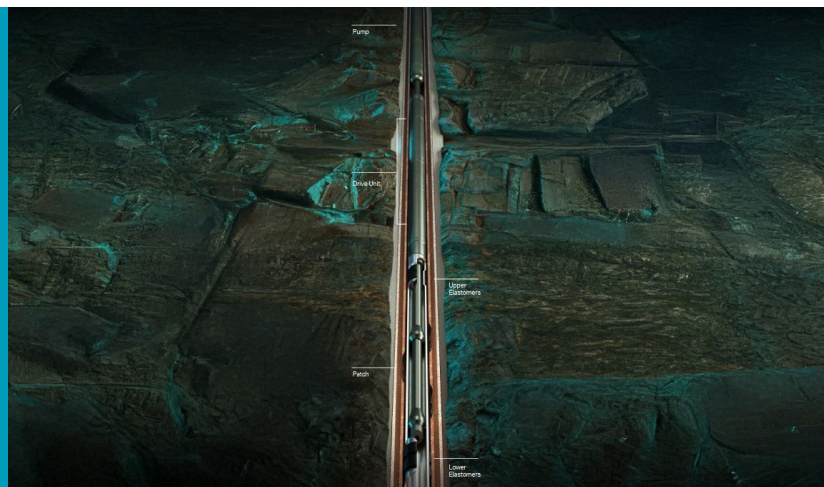


Expro Excellence

Corrosion Contained: ReLine WL Wireline Patch Replaces Rig-Based Solution with Fast, Cost-Effective Deployment

Coretrax | CORE



Objectives and background

- A Middle East operator faced severe corrosion in a 4½" VMS production casing, with up to 57% wall loss near the surface in two locations. A conventional rig-based solution to run another liner would have resulted in 10+ days of production downtime, capex and logistics complexity, and additional HSE risk

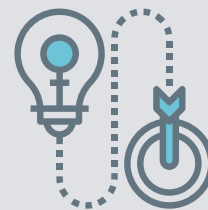
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- Expro designed a rigless, wireline deployed straddle patch to allow for a large 3.24" ID, exceeding minimum flow requirements. Two areas of concern would be addressed with two separate straddles; each deployed with a single trip and exceeding the pressure requirements with a 7,400 psi post expanded burst pressure rating
- The system also featured a new proprietary **expansion mechanism**, enabling the patch to **drift through smaller restrictions while running in hole (RIH)**. Once in position, the running tool expanded the patch to a **larger internal diameter than previously achievable**, while still allowing **pull-out-of-hole (POOH)** through the up hole restriction with the running tool

Value to the client

- With a minimum surface footprint and rapid deployment of readily available wireline units, Expro was able to successfully isolate the corrosion areas. The project qualified new technology and strengthened customer confidence in Expro's ReLine technology
- In less than 24 hours, the remedy was complete, saving 10+ days of lost production and ~\$750,000 of cost savings vs a rig-based solution

Innovative solution



New technology



Reduction of rig time

