

Expro Excellence

Precision isolation restores well integrity; Expro ReLine MNS replaces compromised patch in single trip

Coretrax | CORE



Objectives and background

- A valued client in the Middle East was seeking a remedy for a well with a persistent integrity issue
- Another vendor had previously tried to address the issue by deploying a patch, however it was deemed ineffective. This left the client in a precarious position

Expro Excellence

- Expro deployed our ReLine MNS system, this provided a single all-encompassing solution that not only rectified the leak but also did so with unparalleled efficiency and cost effectiveness
- A true single-trip mechanical system that eliminates the need for a shoe, removing the entire drill out requirement

Value to the client

- Expro's meticulous planning, execution and team embarked on this project backed by our cutting-edge simulations, torque and drag analysis. We omitted two runs of drilling out and clean out post setting our casing patch around 48 Hrs by installing a system that does not have a shoe on it
- We designed bespoke tools which were tailored to the well's unique specification
- Our ReLine MNS swiftly energised seals in the 7" casing below while anchoring them securely in the 7" casing above. Our tool effectively isolated the 7-5/8" perforated casing which been plagued by a leaking patch. With the patch in place, the well held its integrity and leak was gone
- Our intervention delivered the following benefits:
 - No shoe milling, catered for diverse well configurations offering versatility. The entire operation was completed in one trip, minimizing downtime
 - Premium elastomers were strategically placed for precise zonal isolation, ensuring targeted sealing
 - Our post expansion inner diameter (ID) optimization maximized reserve recovery and paved the way for future intervention
 - Our running tool was designed for an adaptable inner length, accommodating the well's unique condition

Reduction of rig time



Bespoke solution

