

CentriLink SHIELD MLE improved system reliability in harsh environment reducing time, cost, and deferred production

CHALLENGES

- Scale formation due to depleted reservoirs requiring chemical injections
- Multiple ESPs failing immediately after chemical injection at the cable or splicing below the packer
- Extended ESP installation time (average of 10 hours rig time dedicated to ESP + Y-tool + Packer installation)

SOLUTION

- [The CentriLink™ SHIELD harsh-environment motor lead extension](#) (MLE) was used for its ability to:
 - Completely isolate cable phases from fluid and chemical exposure
 - Eliminate cable splices below and above the packer
 - Reduce rig time

RESULTS

\$2M USD

Savings in estimated rig cost/lost production due to avoidance of premature ESP failure and replacement

4 hours

Rig time saved during installation through the elimination of splices

ZERO risk

of immediate ESP failure after chemical injection



The installation of the CentriLink Shield motor lead extension isolated the cable from fluid and chemical exposure—minimizing the risk of ESP failures due to chemical injections.