



Weatherford®

REAL RESULTS

Innovative Pack-Off Device Restores Production in Leaking Well, Saves \$1.2 Million

Objectives

- Restore production in a well with a leaky 4 1/2-in. liner. A straddle packer had been installed to isolate the leak but had failed to solve the problem. The straddle packer's small ID would make it a challenge to run a new straddle into the well and set it across the failed straddle. Compounding the problem, the well was sub-hydrostatic and experiencing heavy losses.

Results

- Weatherford designed and manufactured a large-ID, small-OD HPI™ auto-set pack-off device. This unique, specially engineered device passed through the existing straddle packer and was successfully set in the tubing below.
- During the procedure, safety measures were adopted to prevent an influx of hydrocarbons into the well.

Value to Client

- Production resumed at 3,750 bbl (600 m³) of dry oil per day.
- The procedure saved 21 days of rig time that would have been required for a workover and milling out of the leaking straddle packer, saving approximately US\$1.2 million.

Weatherford offers clients a strong suite of thru-tubing capabilities, including specially engineered solutions for unique challenges.

Location
Onshore Oman

Well Type
Oil Producer

Rig
Workover

Liner
4-1/2 in.

Hole Angle
35°

Setting Depth
3,376 ft (1,029 m)

Products/Services
HPI auto-set pack-off device

