



Weatherford®

REAL RESULTS

ER Packer Isolates Tubing Hole, Revives Dead Well with Minimum Exposure

Objectives

- Re-establish production by isolating a hole in the upper tubing only 9 in. below the tubing hanger without the cost of a drilling rig, snubbing unit, or coiled tubing. Once tubing integrity was regained, the operator would be able to reactivate the lower gas lift mandrels and produce the well again.

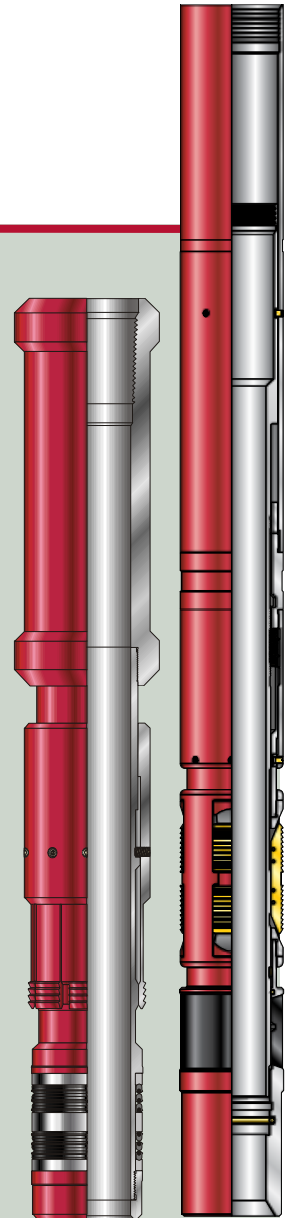
Results

- Weatherford's 2.74-in. ER packer was used, following performance pre-job tests at a local Weatherford facility.
- Only one small crane was required for deployment.
- The entire project was completed without incident, requiring just a hand pump to set the packers.

Value to Client

- The operator was able to bring the well on line with minimum cost.
- Production went from 0 barrels per day (B/D) to 200 B/D.
- Various safety issues were avoided by installing all the equipment without a rig or hydraulic workover unit and because high-pressure pumping operations were not required.
- Only a small crew was required to install the equipment, saving a significant amount of time and money.
- Additional savings were realized because pump units and associated pumping equipment, tanks, and personnel were not required.

Weatherford's ER packer is a large-bore, retrievable packer that can be used in a variety of intervention applications. The ER packer is coiled-tubing, slickline or electric line-set, and straight-pull released.



RS
Anchor Seal
Assembly

ER
Packer

Location

Udang field, Natuna, Indonesia

Well Type

Non-producing offshore oil well

Setting Depth

At surface, 9-in. below tubing hanger

Product/Services

ER retrievable packer