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CASE STUDY

X-SPAN® Systems

CHALLENGE:

- Provide integrity back to the suspected highly corroded 7” 29# casing during a recompletion of corroded tubing string.
- Isolate water production in Production Annulus from leaking casing.
- Extent of corroded/leaking casing to be determined on the wellsite with Wireline Logs.

SOLUTION:

- Utilize Owen Oil Tools X-Span technology to repair corroded, leaking casing with ability to adjust length of patch at the well site while waiting on Wireline Logs.

RESULTS:

- Deploy 140ft x 7” 29# X-SPAN into well on 4-1/2” Hydraulic Setting Tool.
- Successfully set patch in 8.5 hours from rig up to lay down.

OVERVIEW

An operator of a 30 year old well had tubing leaks and suspected casing integrity issues.

The well required recompletion however the extent of the casing integrity issues would only be known during the inspection log with wireline.

SOLUTION

Owen Oil Tools X-Span technology was used to repair the corroded, leaking casing with ability to adjust length of patch as required at well site while waiting on casing integrity logs.

RESULTS

A 7.00 in. 29 ppf x 140 ft. length patch was determined to be required and assembled at wellsite. The X-Span was successfully deployed and set in 8.5 hours. Following a pressure test to 1,500 p.s.i. the well was put back on production.

The operator got the production back without having to perform an expensive work over or drill a new well while at the same time enhancing the over all production efficeincy.