



ThermaSet® cures into a strong and flexible plug that can withstand the thermal expansion of the casing without cracking.

COMMON APPLICATIONS

- Competent well barrier for permanently abandoned wells
- Lost Circulation control and well bore strengthen
- Treat & Drill without tripping
- Zonal Isolation / Water and Gas Shut off
- Casing Cementing
- Packer Inflatable material
- Consolidation of loose productive sand
- Consolidation of loose formations to avoid wellbore collapse
- Plugging of control / transmittal lines

SUSTAINED CASING PRESSURE 13 3/8" X 9 5/8"

– Middle East

The challenge

The purpose of the ThermaSet® job is to seal off the micro channel in 13 3/8" x 9 5/8" CCA to avoid communication of gas / pressure to surface.

The solution

- Mixed 20L & filled CCA with 12L slurry. Squeezed 2.5L more into the CCA. Closed the valves in 13 3/8" x 9 5/8" CCA while maintaining 1000psi. Waited for 8hrs, pressure tested to 500 psi, pressure dropped 400psi/10min.
- Mixed 20L & filled CCA with 6L slurry. Squeezed 2L more into the CCA. Closed the valves in 13 3/8" x 9 5/8" CCA while maintaining 1000psi. Waited for 2hrs, pressure tested to 500 psi, pressure holds for 15min.

The result

Total 18L slurry injected into CCA. Pressure tested CCA to 500psi successfully for 15 minutes.