Permanent Inflatable Bridge Plug set inside 32-in. Conductor

TAMCAP Bridge Plug
Location: Qatar, Middle East

CHALLENGE: An old onshore gas well had to be plug and abandoned. As part of the abandonment requirements for this well and for long term isolation various cement plugs had to be set within cased hole sections. An inflatable bridge plug was required to set inside 32-in. conductor as a base for cement as the final cement plug for the well.

SOLUTION: TAM proposed and ran a 18-5/8-in. TAMCAP Bridge Plug to set inside 30-in ID. The TAMCAP Bridge Plug was ran to depth and pressured up to set the element. Once setting pressure was confirmed, the TAMCAP Bridge Plug was left in hole and cement dumped ontop on a single run. The last cement plug was successfully set with a 1-trip system.

RESULTS AND BENEFIT: The client was able to set a bridge plug as a reliable base for cement for the environmental plug utilizing a one-trip system. Valuable costs in rig time were saved during this operation.