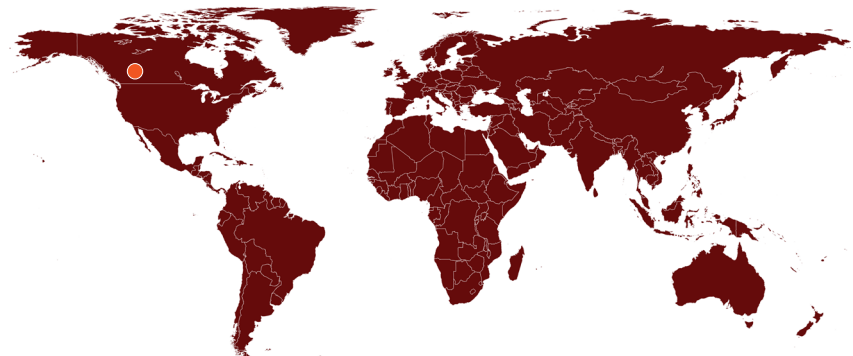


CASE HISTORY

Well Integrity Testing



Pressure Test Casing Patch Restriction to Confirm Well Integrity

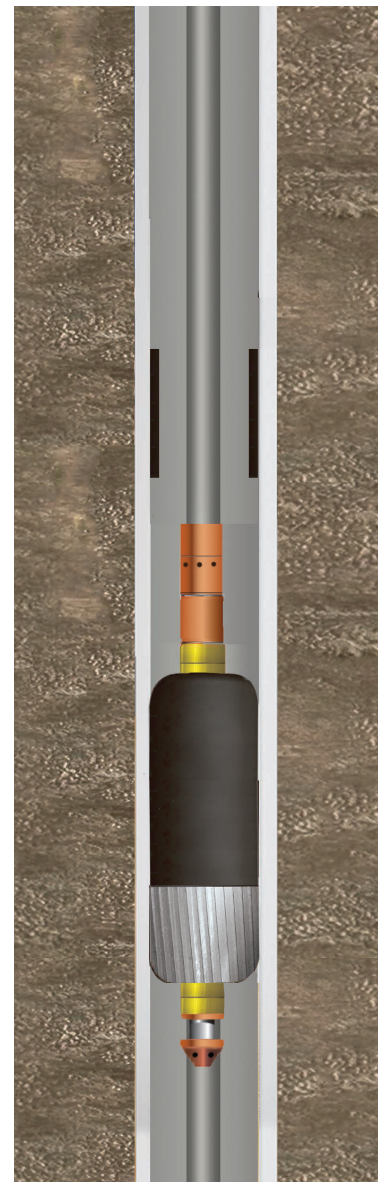
TAM Inflatable Packer - Resettable (TIPR) with SE1 Element

Location: Northern Alberta, Canada

CHALLENGE: A high temperature SAGD well with a previously run casing patch created a restriction of 11.6-in ID in 12.35-in ID casing. The customer required a 580 psi (pressure test of the casing patch and casing to surface to confirm well integrity).

SOLUTION: TAM deployed a 4 1/4-in x 7.88-in. TAM Inflatable Packer-Resettable (TIPR) tool with a 7.88 High Temperature SE1 Element to run through the restriction and inflate below the casing patch. Pressure was applied to the annulus above the packer to test the patch and casing to 1000 psi.

RESULTS AND BENEFIT: The TIPR was successfully set in an 241°F/116°C environment after passing through a restriction which allowed the operator to perform the pressure test while minimizing well cool down procedures and providing confirmation of casing integrity.



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