To Permanently Abandon the Well

TAM Retrievable Inflatable Packer (TIP)

Location: Offshore Holland

CHALLENGE: An operator needed to permanently abandon a subsea well which had ceased producing but also had gas bubbles escaping from the wellhead offshore Holland. They required two bridge plugs to complete the abandonment program.

SOLUTION: TAM provided two inflatable packers (TIP) configured as bridge plugs. The first was a 5-1/2-in. bridge plug run through a section milled window in 7"-in. casing and set in undereamed 11-in. open hole. The plug was tagged and then 125m of cement was dumped on top. The second was a 7-3/8-in. bridge plug run through a section milled window in 9-5/8-in. casing and set in 13-3/8-in. casing. The plug was tagged and pressure tested after setting. Both plugs provide a base for the cement and prevented any gas migration which could have compromised the quality of the cement plug.

RESULTS AND BENEFIT: Each plug was successfully set in a single trip, including cementing and pressure testing. The operator was able to successfully abandon the well.