



CASE HISTORY

Well Intervention

Inflatable Bridge Plug

HORIZONTAL WELL PRODUCING EXCESS WATER

Inflatable Bridge Plug Used to Permanently Plug Toe

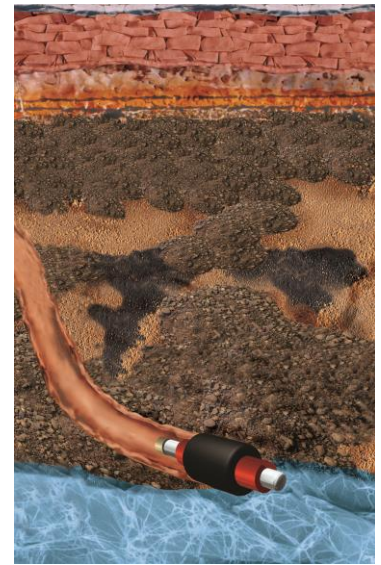
Location: Sultanate of Oman



CHALLENGE: A single lateral horizontal well in a carbonate reservoir in Oman was producing excess water from the lower 600 ft (toe) of the well.

SOLUTION: TAM International provided a 5-9/16 in. OD inflatable bridge plug that was run and positioned 800 ft from the end of the 6-1/4 in. lateral. A wiper plug was pumped in front of a cement slurry designed for inflation of the packer. The wiper plug was landed below the packer, pressure was increased, and the packer was inflated with cement to ensure a permanent solution. Additional pressure was then applied to hydraulically release from the inflatable bridge packer and dump the remaining cement above the packer.
(Note: Optional procedures can also include the use of an inflatable cement retainer to allow squeezing cement below the tool.)

RESULTS AND BENEFIT: The operation placed the well back on production with reduced water production.



Inflatable Bridge Plug