



CASE HISTORY

Well Intervention

TAM-J Inflatable Packer

HEEL PRODUCING EXCESSIVE WATER

Run TAM-J Inflatable Packer Below Hydraulic Set Packer To Isolate Heel

Location: Canada



TAM-J Inflatable Packer

CHALLENGE: A 6-1/4 inch open hole horizontal well in a fractured carbonate reservoir was producing 500 BPD with 90% water cut. Selective testing identified the heel of the well as the source of excessive water.

SOLUTION: A 5-1/2 inch OD TAM-J inflatable packer with a "J" type release sub above was run. The packer was inflated and released the work string. Then, a hydraulic set packer with fiberglass tubing and "J" latch overshot below was run. Operators latched the release sub and set the hydraulic packer, isolating the heel and placing the well back on production. (Note: Fiberglass tubing was run due to corrosive fluids in the heel section.)

RESULTS AND BENEFIT: The well tested at 240 BPD with less than 35% water cut, resulting in oil production increase of 100 BPD and payout in less than 15 days.