



## CASE HISTORY

Well Intervention: Secondary Barrier

7 ½ inch Single Set – Inflatable Packer

### INFLATABLE PACKER AS SECONDARY MECHANICAL BARRIER ENABLES OPERATOR TO REPLACE TOP DRIVE AND PERFORM BOP MAINTENANCE OPERATIONS SIMULTANEOUSLY

Premium Single Set Inflatable packer able to go through BOP restriction and set as secondary mechanical barrier in large size casing ID offshore



**CHALLENGES:** One of the regulations for offshore oil and gas drilling operations in Eastern Canada requires a secondary barrier during the drilling and completions stage. This secondary barrier is commonly provided by the Blow-Out Preventer (BOP) installed onto the casing string. A major operator in the field required another source of isolation above the existing cement plug which serves as the primary barrier in order to be able to perform maintenance on their BOP and change out their top drive system at the same time.

**SOLUTION:** TAM International provided the client the 7-1/2 in. (191mm) Premium Single Set inflatable packer to serve as a temporary secondary mechanical barrier. The packer was run through a restriction in the BOP and set in 20 in. (508mm) casing to provide the required isolation during the maintenance operations. After two weeks, the packer was retrieved and the drilling operations commenced.

**RESULTS AND BENEFIT:** The client was able to replace their top drive without waiting for their BOP to be cleaned, fixed and inspected. They were able to replace the top drive and conduct maintenance on the BOP at the same time. This saved the client significant amount of down time and money.



*TAM's 750 Single Set*