Barrier Required for Blow Out Preventer (BOP) Testing during Drilling Operations

Single Set Packer with SE1 Element
Location: Deepwater Gulf of Mexico

CHALLENGE: During drilling operations, the regulated 14 day BOP test was approaching and the customer encountered a restriction on surface that would not allow them to use the standard BOP test plug.

SOLUTION: A TAM Single Set packer was mobilized to location, deployed on drill pipe and set at 67’ measured depth. The Single Set Packer was inflated and the BOPS were tested to 3,330 psi for 5 cycles. With the ID of the riser being so large, the Single Set held over 1 million pounds of force during these tests. After the initial testing was complete, TAM was able to release off the Single Set, conduct a successful blind shear ram test and then go back and retrieve, all in one trip utilizing the TAMCON.

RESULTS AND BENEFIT: Eliminated the need to rig down the entire surface stack to remove the restriction which resulted in time savings and reduced cost to perform the BOP tests.