



CHEVRON, NIGERIA

THE CENTEK TUR CENTRALIZER CAN PASS THROUGH A RESTRICTED ID AND RETURN TO ZERO START AND RUNNING FORCES AND BACK TO ITS ORIGINAL DESIGN

Region:	Africa
Field:	Agbami

Country:	Nigeria
Type:	Deep water

THE CHALLENGE

This operator in the Agbami Field needed centralizers that are able to pass through the restricted ID of the 16" casing and then expand to 17 1/2" in the next hole section to ensure proper centralization of the 13 5/8" casing string.

Traditional bow spring centralizers are not designed to be severely compressed, passed through smaller bore pipe and then expand to their original design diameter. They are often damaged or deformed when they pass through an ID restriction. Damage results in a loss of their elasticity which deforms the centralizer and therefore cannot expand to the required diameter of the new open hole.

THE SOLUTION

13 5/8" Centek TUR centralizers were passed through a restriction of 14.823" in the 16" casing

for 9,250ft and then reverted back to zero start and running forces in the 17 1/2" open hole.

THE RESULT

Running the Centek centralizers as the first option helped to save 3 days of rig time, compared to conventional centralizers which may have been unable to get to bottom, first time.

“ This is a technology improvement/ innovation that will continue to be deployed for this application on deep water Agbami wells. ”

Christian Rogerson, Drilling Operations Engineer, Chevron



TUR – Under-Reamed Centralizer

- Single piece, laser cut non-weld unit
- Reduced restart force in RIH
- Reduced running force and drag, saves rig time RIH
- Durability allows for make-up at the pipe yard or on the pipe rack improving efficiency and safety versus make-up on rig floor
- Positive location in under-reamed or wash out conditions with excellent stand-off performance

EXCELLENCE TO THE CORE