



# CHEVRON, NIGERIA

THE CENTEK TUR CENTRALIZER PASSES THROUGH A RESTRICTED ID AND RETURNS TO ZERO START AND RUNNING FORCES AND BACK TO ITS ORIGINAL DESIGN

<b>Region:</b>	Africa
<b>Location:</b>	Off the Niger Delta

<b>Country:</b>	Nigeria
<b>Field:</b>	Agbami Field

## THE CHALLENGE

To have centralizers run on 13 5/8" casing 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.

## THE SOLUTION

13-5/8" Centek TUR centralizers were passed through a restriction of 14.823" in the 16" casing for 9250ft 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 were the conventional centralizer used first and casing was unable to get to bottom.

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

**Christian Rogerson, Drilling Operations Engineer, Chevron**



### TUR Under-ream single piece centralizer

- Proven tool for under-reamed sections
- Dramatically reduced initial insertion forces into previous casing
- Reduces restart force on RIH
- Reduced running force and drag, saves rig time on RIH
- Non-welded smooth bow profile overall
- Integral bow design for increased strength and performance
- Zero weak points
- Minimum rotational torque losses
- Minimize stall out effect
- Enhanced rotation due to optimized centralization

EXCELLENCE TO THE CORE