

# Case Study

Installation of Helicoid WRES Epoxy Sleeve<sup>®</sup>

## Type of Work

Wellhead Casing  
Repair Services

## Location

Gulf of Guinea

## Client

Seplat Energy

## Platform

UNAM-B

## Project Completed

September 2025



## WELLHEAD REPAIR

### Background:

In September 2025, Merit Technologies Sdn Bhd with WEAfri Well Services Company Limited to undertake three (3) numbers of wellhead casing repair for leak containment, strengthening and protection located at offshore of the Nigerian coastline

### Scope:

- To perform Surface Preparation via High Pressure Water Jetting removing the existing coating and marine growth.
- To perform Surface Preparation via High Pressure Water Jetting to dig up existing cement.
- Leak Containment (on Leaked Wellhead Casing)
- To perform winding of HDPE sleeve and Carbon Fibre.
- To perform mixing and injection of epoxy grout for the Helicoid sleeve.

### Client Benefit:

- The Helicoid Epoxy Sleeve that was installed for the shallow gas leak repair have helped client to put the well back online and continue to produce.

[www.merittechs.com](http://www.merittechs.com)

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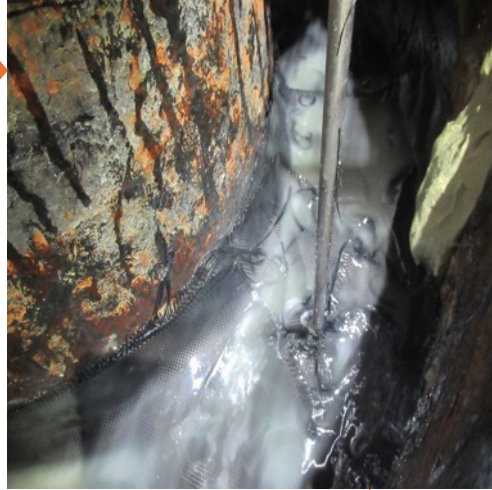
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## WELLHEAD REPAIR



Surface Preparation



Leak Containment



Original Condition



Winding HDPE



Completed Installation

