

Intercept® Retrievable Bridge Plug Penetrates Sub-Saharan Market For V0 Temporary Abandonment Project

COLLABORATIVE EFFORT LEADS TO PROJECT SUCCESS, DELIVERED WITH DISTINCTIVE SERVICE QUALITY AND ZERO NPT/COPO

NIGERIA

CHALLENGES

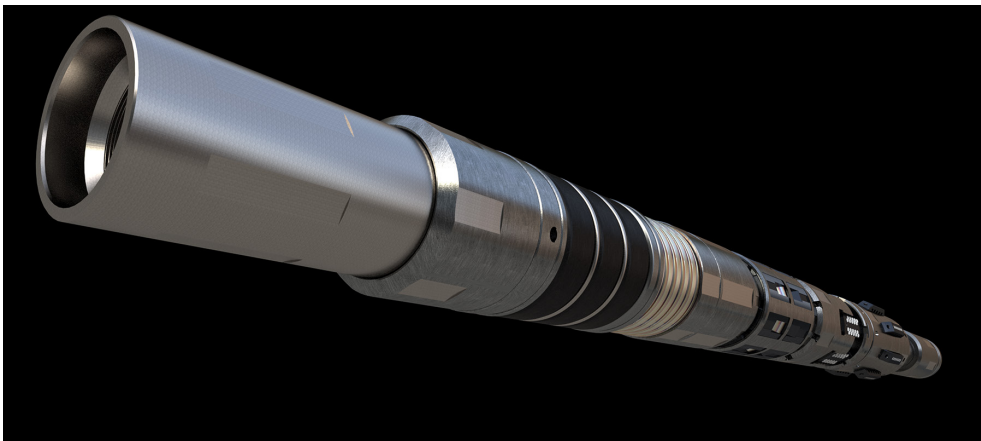
- » Providing an API 11D1 V0-qualified retrievable bridge plug
- » Sourcing and mobilizing equipment to meet the clients' operational requirements
- » Training local personnel on tools and ensuring competence before operations

SOLUTIONS

- » Intercept® RBP
- » Redeployment of existing assets
- » Provide competency training for shop and operational personnel

RESULTS

- » Intercept RBP delivered, installed, and retrieved per customer's requirement, with positive feedback on performance from planning through execution phases
- » First Intercept RBP run in sub-Saharan Africa
- » First Intercept RBP run for the customer globally
- » Norway personnel provided operational support
- » Global team ensured competence and compliance throughout operation



HAL124065

OVERVIEW

A customer in Nigeria required a V0-rated retrievable bridge plug (RBP) to provide a temporary isolation barrier for remedial work on a five-well campaign. Due to the short timeline to deliver equipment to Nigeria, and lack of tools available for transfer, Halliburton's global, regional, and country teams collaborated with the customer to gain a comprehensive understanding of their specific requirements and ultimately recommended the Intercept® RBP. During these collaborative discussions, a well-defined commercial strategy was developed, accompanied by detailed technical overviews and presentations showcasing the product's capabilities.

Upon receiving the customer's order, Halliburton promptly identified the appropriate equipment, initiated the redeployment process, and commenced the evaluation of training plans for both onshore and offshore personnel. The project was flawlessly executed, with ZERO non-productive time (NPT) or service quality (SQ) issues.

CHALLENGES

The challenges faced during this project included having no Intercept RBPs in the country or in the area, the lack of experience running the tool by both country personnel and the customer, and the short timeline for mobilization and installation into the first well.

SOLUTIONS

The Intercept® RBP provided the best API 11D1 V0-rated temporary barrier solution. Assistance from the regional and global sub-PSL teams helped ensure the correct equipment was sourced from Norway and mobilized in time to the area. In anticipation of its arrival, focus shifted to preparing both onshore and offshore personnel to ensure they had the required competency to properly plan for, prepare, and ship the equipment. Additionally, an experienced service specialist from Norway attended all training and planning sessions and assisted with tool preparation.

RESULTS

Thanks to the collaborative efforts of the regional, country and global teams, Halliburton accomplished the inaugural Intercept RBP run in sub-Saharan Africa. Despite the logistical and training hurdles imposed by COVID-19 restrictions and safety protocols, the equipment was delivered, installed, and retrieved seamlessly, without any disruptions or concerns regarding NPT or SQ incidents. The Intercept RBP was successfully installed at the required depth set by the customer. From planning to execution, the operations surpassed customer expectations, leading to additional Intercept RBP runs throughout the campaign.

Well Suspension Days Overview

Well Name	Run in Hole Date	Set Depth	Retrieval Date	Days in Well
Well 1	19-Aug-22	5,552 ft	21-Aug-22	2
Well 2	22-Sep-22	5,707 ft	17-Nov-22	56
Well 3	09-Oct-22	5,480 ft	04-Dec-22	56
Well 4	28-Oct-22	5,525 ft	31-Dec-22	64
Well 4 Re-install	09-Jan-23	5,579 ft	22-Feb-23	44
Well 5	01-Feb-23	5,520 ft	05-Feb-23	4

www.halliburton.com

Sales of Halliburton products and services will be in accord solely with the terms and conditions contained in the contract between Halliburton and the customer that is applicable to the sale.

H014480 09/23 © 2023 Halliburton. All Rights Reserved.

HALLIBURTON