

CASE STUDY- 2021- AFRICA

First 13- 3/8” Stronghold® Barricade® Installed in Africa Successfully Drilled Out and Logged

Challenge

An operator conducting a multi-well P&A campaign in Mauritania contracted Archer to remediate both their 9- 5/8” and 13- 3/8” casings with our Stronghold® Barricade® perforate, wash and cement system. The operator was required to drill out and verify the 13- 3/8” plug due to this being the first of its size on the project. COVID-19 restrictions also required the Archer crew to redress tools offshore due to travel limitations between the rig and onshore.



Solution

Archer utilised their global history of 13-3/8” Barricade® applications, and previous lessons learned on the project when performing 9- 5/8” Barricade® operations, to successfully carry out this abandonment. The versatility of both Archer’s equipment and offshore personnel enabled the abandonment to be performed in full compliance of the rig’s COVID-19 protocols with no loss in time or performance

“Good job performed in challenging well conditions. Offshore personnel performed very well with excellent support from shorebase team when challenges arose”

Result

The post-job log proved a successful barrier was placed behind the casing after drilling out of the internal cased hole plug. Due to the impressive performance of the Barricade® system and Archer’s operations team, the operator no longer considers post job drilling out and logging of the annulus to be necessary for 13- 3/8” Barricade® applications.



STRONGHOLD®
Permanent Caprock Integrity

