POWERING A **SUSTAINABLE** TOMORROW

DRILLTECT
PROTECT WITH **AIQ**

THE CHALLENGE

Non-Productive Time (NPT) is a key measure of cost-effective and successful drilling operations. It may be caused by various reasons, including technical issues.

One of the more obvious solutions to reduce NPT is to conduct root cause analysis to help reduce finding and development costs.

Well issues that increace NPT can be generally categorized as follows:

SURFACE EQUIPMENT FAILURE

SUBSEA EQUIPMENT FAILURE

OTHER (UNPLANNED, WAITING, UNKNOWN)

HOLE ISSUES RELATED TO THE PHYSICAL ENVIRONMENT

BIG REPAIRS

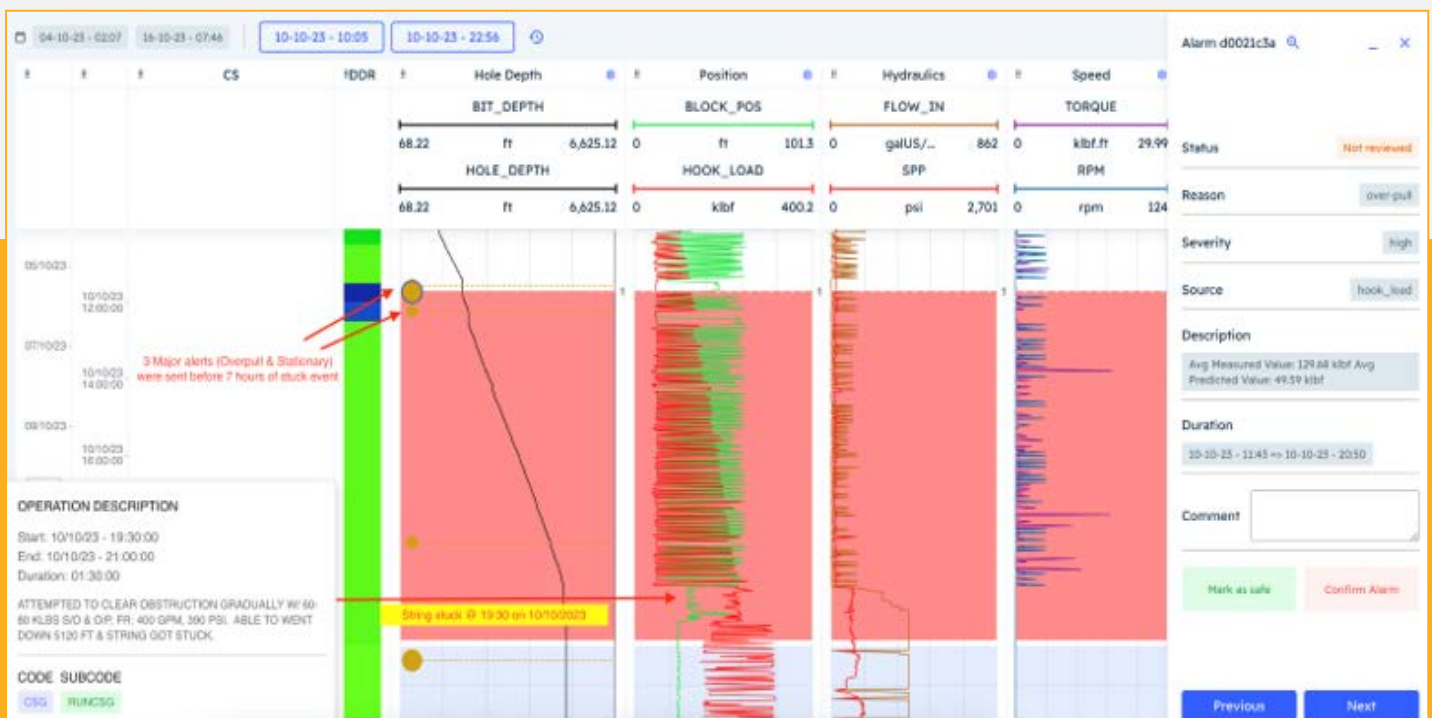BOTTOM HOLE EQUIPMENT FAILURE

PERSONNEL

STUCK PIPE

ACCIDENT/ INCIDENT

DRILLTECT is a tool designed to help operators avoid interruptions to drilling by drawing attention to and predicting issues related to drill hole development

Utilizing DRILLTECT, real-time analysis of drilling data to detect anomalies is provided, generating alerts to avert incidents, based on standard surface sensor data.

Little human intervention or operator oversight is required for the working of the application, which is highly scalable across rig fleets.

Information that is aggregated by DRILLTECT is sourced from surface sensor data, including depth, flow, pressure, and rotation. The ability to detect subsurface anomalies early is a key feature and benefit of DRILLTECT.

Detection and prediction capabilities improve in quality and accuracy as more drilling activity data is collated and run through the DRILLTECT AI algorithm.

The Cloud-based solution offers plug-and-play functionality and can be easily integrated onto the majority of oil rig drilling platforms operating today.

A single pane-of-glass, interactive dashboard provides multiple feature sets displaying drilling and well performance, which can be viewed in trend analysis format, with DRILLTECT's accuracy rates rising as more operational data is ingested and analyzed by the application.

DRILLTECT

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AUTONOMY

DRILLTECT automatically and autonomously sends an alert to operators and contractors

FAILURE PREDICTION

Already incorporating data analysis drawn from over 100 wells, DRILLTECT ably predicts when a borehole issue may arise, and helps identify sub-optimum drilling practices

OPEX REDUCTION

Solution has an ultimate effect on OPEX due to timely reporting of NPT to operators

EFFICIENCY

Solution saves time and improves safety and efficiency of operations

DISCLAIMER

This booklet contains numerical data that has been sourced from our esteemed clients. It is important to note that these figures are provided in the context of their respective business operations and have been shared with us for the purpose of this booklet.

Please be aware that client-sourced data can be subject to various factors that may influence its interpretation.

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