

After 78 Circulating Hours, Paradigm's Extreamer® Completes North Sea Reaming Operation. In one trip, reamer enlarges 933ft section from 6½" to 7¼".

Overview

A customer in the North Sea needed to underream a section greater than 900ft under challenging conditions.

Challenge

In a Rotary Steerable BHA, underream whilst drilling a 900ft section from 6½" to 7¼" under arduous drilling conditions, through a tightly interbedded limestone formation, with a continuous 900ft sequence of chert nodules.

The application would require the reamer to be robust, activate after drilling the casing shoe track and then underream whilst drilling 70° hole, for at least 900ft.

Obviously the tool needed to reliably deactivate once the operation was complete.

Solution

Run the Paradigm Extreamer® with Premium PDC cutters.

Result

Using the Paradigm Extreamer®, a 933ft section was enlarged from 6½" to 7¼" over 36 hours of drilling and 78 circulating hours.

Post-operational analysis of the run indicated the reamer performed perfectly, meeting all the operational objectives of the application and the customer successfully ran the liner. Upon inspection, the Paradigm Extreamer® with Premium PDC cutters was found to be fully functional.

**EXTREAMER**