

After 92 Circulating Hours, Paradigm's Extreamer® Completes Latin American Reaming Operation. In one trip, reamer enlarges 2,003m section from 9 5/8" to 10".

Overview

A customer in Latin America needed to underream a long predrilled 9 5/8" hole, but also had 368m of 12 1/4" rat hole that had partially collapsed below the prematurely set intermediate casing.

Challenge

Ream tight spots over 368m of 12 1/4" rat hole, below the prematurely set casing shoe, before underreaming 1,635m of pre-drilled 9 5/8" hole to 10", to section TD. The application would require the reamer to be robust, to maintain reliability through the unstabilised 12 1/4" section prior to underreaming the pre-drilled 9 5/8" hole. Obviously, the reamer needed to reliably deactivate once the operation was complete.

Solution

Run the Paradigm Extreamer® with Premium PDC cutters.

Result

Using the 8" Paradigm Extreamer®, with 10" cutters, the 368m of 12 1/4" rat hole was reamed without incident; other than noting regular torque spikes. The 1,635m of 9 5/8" hole was reamed out to 10" over just 42 hours of drilling and 92 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 casing. Upon inspection, the Paradigm Extreamer® with Premium PDC cutters was found to be fully functional, and the cutters dull graded just in Gauge.

**EXTREAMER**