

## CASE STUDY

# TEMPRESS®

# HydroPull™

## 4 ½ miles out in the Eagle Ford Shale

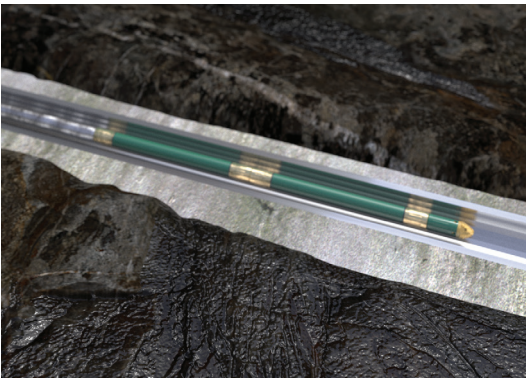


## The Challenge

A south Texas operator set out to complete an exceptionally long 33,570 ft measured depth lateral in the Eagle Ford Shale.

The objective was to drill out 87 dissolvable frac plugs inside 6" 22.3 lb/ft casing, reaching all the way to PBDT at 33,570 ft with a TVD of 9,618 ft.

The extreme length – 4 1/2 miles of lateral – pushed the limits of extended reach coiled tubing, requiring sustained friction reduction, consistent hole cleaning, and stable performance across the entire wellbore.



## The Solution

The operation began with a traditional motor and mill BHA, clearing the first 17 plugs to 14,000 ft MD. To tackle the remaining ultra long interval, the team deployed the Tempress 3.38" HF-MXI HydroPull™ tools in a split string configuration featuring:

- A 5" Rockbit, 3.38" Motor, and HydroPull on bottom
- A second HydroPull placed 3,000 ft up
- A third HydroPull placed 6,000 ft up

This triple tool agitation system – run on 2 5/8" coiled tubing – was designed for extreme reach. Operating at 4.5 - 5.0 bpm and an average 6,800 psi circulating pressure, the tools delivered continuous agitation, reliable traction forces, and strong hole cleaning efficiency without nitrogen.

## The Result

The multi HydroPull configuration enabled consistent, reliable drilling performance across the entire 33,570 ft lateral.

With stable traction and effective debris management, the operation successfully drilled out all 87 dissolvable frac plugs, demonstrating the capability of a triple HydroPull system to extend the operational limits of coiled tubing in long reach horizontal wells.