Case Study

XRV G3 - Extended Reach Tool

XRV G3 Reached Record Depth in Canada
Case Study No. 4103

RESULTS:
Based on the proven track record of the XRV\textsuperscript{G3}, an operator in the Duvernay formation called upon Thru Tubing Solutions to provide a fit-for-purpose BHA to mill out 41 plugs in their deepest well to date. The fluidic oscillation created by the XRV\textsuperscript{G3} helped reduce friction between the CT and casing, allowing a new depth record of 7,110m (23,463') to be set. TTS was able to successfully reach PBTD in one run proving, again, the XRV\textsuperscript{G3} is a necessary component when milling extended reach laterals.

DETAILS:

Location: Alberta, Canada
Formation: Duvernay
Conveyance: 60.3mm Coiled Tubing (2-3/8”)
Casing Size: 114.3mm 22.47 kg/m (4-1/2” 15.1#)
Total Vertical Depth: 3,950m (12,959’)
Total Measured Depth: 7,110m (23,463’)
Well Orientation: Horizontal
Fluid: Produced Water
Type of Operation: Composite Plug Drill Out
Tools Used: 2-7/8” TTS Milling Assembly
          2-7/8” XRV\textsuperscript{G3}

HIGHLIGHTS
• Achieved Record Depth
• Maintained Positive WOB
• Eliminated Friction
• Low Differential Pressure