

Case Study

XRV G3 - Extended Reach Tool

XRV G3 Reached TD with Positive Weight on Bit
Case Study No. 4101

DETAILS:

Location:	Williamsport, PA
Formation:	Marcellus
Conveyance:	2" Coiled Tubing
Casing Size:	5-1/2" 23#
Kick Off Point:	4,900'
Total Measured Depth:	14,508'
Well Orientation:	Horizontal
Fluid:	Water
Type of Operation:	Composite Plug Drill Out
Number of Plugs:	12 Plugs
Tools Used:	2-7/8" TTS Milling Assembly 2-7/8" XRV^{G3}

RESULTS:

While utilizing a vibratory tool to mill out composite bridge plugs, high sand volume and friction became limiting factors, resulting in extensively long mill times (59min) and becoming friction locked at 10,868', leaving 5 plugs untouched. The customer pulled out of hole to deploy Thru Tubing Solutions' Milling Assembly in conjunction with the XRV^{G3}. TTS was able to successfully reach TD at 14,508', while maintaining positive weight at TD (4,000 lbs) on 2" coiled tubing. The average mill time for the remaining 5 plugs was decreased substantially to 8.5min, proving that TTS has the superior, more aggressive vibratory tool. The customer stated they would not complete another milling job without the XRV^{G3}.

HIGHLIGHTS



- Reached TD with 4,000# WOB
- Eliminated Friction
- Low Differential Pressure
- Outperformed First Run Vibratory Tool



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