

Case Study

WAVFORCETM XRV

WavForce XRV Travels 2.9 Miles in the Lateral
Case Study No. 4305

DETAILS:

Location:	Pennsylvania
Formation:	Marcellus
Casing Size:	5-1/2" 23#
Conveyance:	2-3/8" CT
Total Measured Depth:	25,709'
KOP:	3,262' (90 degree @ 7,815')
Well Orientation:	Horizontal
Fluid:	Water
Operation Type:	Plug Drill-Out
Tools Used:	3.13" TTS Milling Assembly 3.13" WavForce XRV

RESULTS:

An operator in the Northeast Region was faced with a remedial drill-out of a preset plug during frac operations. This plug was prematurely set at 22,841', which was calculated to exceed the reachable coiled tubing depth due to predicted friction lock up around 18,800'. The operator ultimately decided to proceed with coiled tubing for the drill-out, along with the inclusion of TTS' new WavForce XRV.

The friction breaking technology engineered into the WavForce XRV, allowed the BHA to successfully drill-out the pre-set plug at 22,841' (after traveling 15,171' in the lateral) before running out of coiled tubing just shy of 23,000'. This new technology allowed the operator to reach depths far exceeding what has been previously capable with coiled tubing in the Northeast Region.

HIGHLIGHTS



- Exceeded predicted lockup by 22%
- Traveled 15,171' in the lateral
- Deepest CT has reached in the Marcellus



OUR SERVICE MAKES THE DIFFERENCE. WWW.THRUTUBING.COM