



A Division of Thru Tubing Solutions

Job Report - Casing XRV™

Efficient Casing Installation with Improved Cement Integrity
Case Study No. 2502

TTS' Casing XRV™ aided in running casing to bottom after multiple sidetracks.



Details:

Formation:	Woodford Shale
Location:	Central Oklahoma
Tools Used:	5.5" Casing XRV™
Fluid:	9.25 ppg Water Based w/ 56 Viscosity
Pump Rate:	250 - 350 gpm (0.9 - 1.3 m ³ /min)
Drill Pipe:	5.5" Casing
Lateral Length:	4000' (1219m)
Total Depth:	8511' (2594m)
Days In Use:	2 Days

Results:

A customer in the Woodford Shale had multiple problems reaching their targeted depth of 9511' (2899m) while drilling. After sidetracks and getting stuck numerous times, they decided to pull out and ream the wellbore to their maximum drill depth of 8511' (2594m). Unable to ream effectively, the customer tripped out and installed TTS' **Casing XRV™** to assist in running casing. By pumping on the casing string, the **Casing XRV™** was able to ease past tight spots in the wellbore and allowed the operator to run casing to the maximum drill depth of 8511' (2594m). The **Casing XRV™** eliminated unnecessary force, thus protecting the string from excessive stress.



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