

Case Study

XRV PLUS™ Extended Reach Tool

XRV PLUS™ Helps Milling Operation Average 11 min/plug in 9,300' Lateral

Case Study No. 4302

DETAILS:

Location:	Weld County, CO
Formation:	Niobrara Formation
Conveyance:	2" Coiled Tubing
Casing Size:	7" 26#
Liner Size:	4-1/2" 11.6#
Operation Depth:	16,709' (5093m)
Lateral Length:	9,309' (2837m)
Well Orientation:	Horizontal
Tools Used:	2 7/8" TTS Milling Assembly 2 7/8" XRV PLUS™

RESULTS:

Utilizing Thru Tubing Solutions' Milling Assembly in conjunction with the **XRV PLUS™**, TTS was able to maintain constant WOB and successfully mill out 44 composite plugs. The **XRV PLUS™** provided constant vibration, reducing friction lockup and allowing the BHA to reach TD at 16,709' (5093m). This mill out operation was completed in less than 50 hours with an average mill time of 11 min/plug.

HIGHLIGHTS



- Single Run Operation
- Increased Milling Speed
- Achieved 1:1.26 Depth Ratio
- Overcame Friction Lockup



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