



A Division of Thru Tubing Solutions

Job Report - Drilling XRV PLUS™

Optimized Drilling With Increased ROP

Case Study No. 2209

Two XRV PLUS™ Tools Utilized to Maintain ROP in a Long Lateral



Details:

Formation:	Bakken
County/State:	Alberta, Canada
Tools Used:	(2) 5.25" XRV PLUS™
ROP:	30 m/min (100 ft/hr)
Type of Mud:	Brine/Polymer
Mud Weight	1020 - 1060 kg/m³ (8.51 - 8.85 lb/gal)
Visc:	40
Pump Rate (GPM):	1.1 m³/min (290 GPM)
Drill Pipe Connection:	4" FH
Lateral Length:	2,126m (6,975')
Total Measured Depth:	3,564m (11,695')
Days In Hole / Hours:	7 Days 4 Days
Pressure Drop Across Tool:	3000kPa (435 PSI) Combined for both tools

Results:

A Customer ran two XRV PLUS™ tools in the drilling BHA to help improve the ROP and eliminate the need for expensive beads, as they reached out into the long lateral. The axial vibration from the XRVs reduced the friction, allowing for an increased WOB and improved directional steerability. The fluidic pulse did not interfere with the MWD equipment or existing mud motor configuration, so rotary steerable tools were not needed. The Customer was able to reach TD quicker while saving unnecessary costs.

For More Information and Case Studies, Contact:



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