



**Overview**

Location: Alberta, Canada  
 Well/Run Type: Sand Cleanout  
 Run Length: Cleanout to 1490 meters (~4888 ft)  
 Products / Services: InFocus 1-11/16" HSRT (Hi-Speed Reaming Tool)

**Objectives**

Make up and RIH with the InFocus 1-11/16" HSRT with our Custom – Ruggedized / Milling style Jetted 13 port (center port - 1 x Ø5/16 in, multi-directional ports -12 x Ø 5/32 in) 1.69" OD wash head to perform a sand clean out from surface to 1490m MD.

**Execution**

RIH washing to bottom with 50 lpm, 15 scm of N2 and increased rates to 20 scm of N2 and 70 lpm once the targeted depth in the lateral section was reached. This clean out was executed in just over 12 hrs.

**Project Results**

Successfully deployed HSRT to plug back located at 1490m KB without issue. Tool was serviced with no abnormal wear observed prior to returning to the field.

**Operational Notes**

**Well Type**

Oil Producer

**BHA**

2" Coil Tubing  
 2" Internal Coil Connector  
 1-11/16" HSRT | High Speed Reaming Tool w/ 1.69" OD Ruggedized / Milling Style Multi-Directional Jetted Wash head  
 Jet Configuration:  
 Center port - 1 x Ø5/16 in, multi-directional ports -12 x Ø 5/32 in | TFA 0.31 in<sup>2</sup>

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## CASE STUDY: 1.69" Thru-Tubing Wash Tool | case study no. 0056

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*Thru-Tubing HSRT's can be configured with a wash head to run as a jetting tool for wellbore sand clean up, or with a milling-style head designed for cement clean up. Depending on your specific job requirement, we also offer a box or pin down adapter so third party heads can be utilized.*