

CASE STUDY: InFocus 2-7/8" Hi-Speed Reaming Tool Sand Cleanout - Bonnyville, Alberta, CANADA

| case study no. 0038



Overview

Location: Bonnyville, Alberta
Well/Run Type: Sand Cleanout run
Run Length: Cleanout to 1267 meters (~4157 ft)
Products / Services: InFocus 2.875" TT-HSRT (Thru Tubing Hi-Speed Reaming Tool)

Objectives

Make up and RIH with the InFocus 2-7/8" Thu-Tubing HSRT with the new Multi (13) Jetted wash head design to perform a sand clean out from surface to 1623m MD.

Execution

RIH washing to bottom with 80 lpm, 20 scm of N2 with a combined rate of 250 lpm at 13800 KPA. POOH 7m/min sweep keeping 30SCM & 80 LPM @ 14000 KPA and seeing 15% sand cuts reduced to 2%.

Project Results

Successfully deployed HSRT to plug back at located at 1608m KB and removed approximately 8 – 9m³ of sand from well bore. Round trip 12 hrs with multiple sweeps.

OPERATIONAL NOTES

Well Type

Oil Producer

BHA

2" Coil Tubing
 2" External Slip Coil Connector
 2-7/8" HSRT | High Speed Reaming Tool w/ 3.25" OD Multi Directional Jetted Wash head



Jet Configuration:

1 x Center nozzle is Ø0.5625" | 12 x Side nozzles are Ø0.3125" | TFA 1.17 in².

*InFocus would like to thank:
 Tier 1 Energy Solutions*

