

All Metal Motor

Milling Cement with Recycled Fluid



HIGHLIGHTS

- No Temperature Limitations
- No Fluid Restriction
- Reliable Performance
- Exclusive Innovative Design

DETAILS

Location	Horn River, BC Canada
Formation	Liard
Casing Size	5 1/2" 26#
Well Orientation	Horizontal
Fluid	Recycled Water with 12+ PH
Conveyance	2 3/8" SLH-90 Drill Pipe
Operation Type	Milling Cement
Operation Depth	17,152 Ft
Tools Used	2.87" OD 4.7 Stage All Metal Motor

OBJECTIVE

Customer planned to mill 70m (230') of cement from their production casing using recycled water.

RESULTS

Due to the high BHT in this area, 150° C (302° F), and high pH of the fluid, a standard drilling motor with an elastomeric power section would not be ideal for this type of operation. Thru Tubing Solutions' All Metal Motor was the best motor for this job; with no fluid restrictions or temperature limitations the motor was able to complete the milling with an average ROP of 2.9m/hr (9.6 ft/hr).

VALUE TO CLIENT

The customer did not require filtration units or added chemicals to neutralize the fluid system and was pleased with the performance output of the motor.

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