

All Metal Motor

Only Well Completed in a Single Run; 9 Well Pad



HIGHLIGHTS

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

DETAILS

Location	Horn River, BC Canada
Formation	Dilly Creek
Casing Size	5 1/2" 20#
Well Orientation	Horizontal
Fluid	Pond Water with FR, Inhibitor and Gel
Conveyance	2 3/8" Coiled Tubing
Operation Type	Milling Composite Bridge Plugs
Operation Depth	15,207 Ft
Tools Used	2.87" OD 4.7 Stage All Metal Motor

OBJECTIVE

Customer planned to mill composite bridge plugs on a 9 well pad while trialing different BHA options to optimize milling operations. A variety of BHA components were trialed as well as milling techniques.

RESULTS

Due to the high bottom hole temperature (145°C, 293°F) and complex fluid system, Thru Tubing Solutions' All Metal Motor was the perfect solution for this milling environment; with no elastomers or fluid/temperature restrictions. The All Metal Motor was the only motor to successfully complete the well in a single run; milling 17 composite bridge plugs and outperforming three other motor designs.

VALUE TO CLIENT

The customer was able to minimize time spent in hole and reduce the number of trips to complete the well

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