

## Thru Tubing Solutions' Abrasive Cutting System Successfully Cuts 4 3/4" Collar on Stuck Drilling Rig and Saves Customer Fishing Costs.

### DETAILS:

Location: Swan Hills, Alberta, Canada  
Cut Depth: 3,868 Feet  
Tools Ran: 2.13" OD Motor Head Assembly  
2.25" OD Bladed Stabilizer (No-Go)  
1.70" OD Pump Thru Extension Bars  
1.70" OD TITAN Motor  
1.95" OD Abrasive Cutting Head  
Fluid: Gelled CaCl  
Conveyance: 1 1/2" Coiled Tubing

### OBJECTIVE:

To make an internal cut inside of a 4-3/4" Monel drill collar using the TTS Abrasive Cutting System; thus maximizing the length of fish retrieved from the wellbore. The collar was in the horizontal leg.

### RESULTS:

After landing the cutting BHA at the required depth, pumping of a gelled sand mixture began. An increase in pressure and flow rate in the casing annulus gave indication that the collar had been compromised. The cut resulted in a smooth OD and ID surface, allowing for ease of additional fishing operations.

### VALUE TO CLIENT:

The use of Thru Tubing Solutions' Abrasive Cutting System averted washover and straight jarring operations saving both fishing and rig costs. Thru Tubing Solutions was able to minimize the well possession time by utilizing the Abrasive Cutting System as well as providing viable options to traditional fishing methods.

