



## CASE HISTORY

Well Intervention: Temporary Abandonment

**SlikPak™ Plus** - Inflatable Packer System

### REMOTE ACCESS / RIGLESS OPERATIONS USING SLIKPAK

Using a SlikPak for Well Suspension - Fort Nelson, British Columbia, Canada



**CHALLENGES:** The client wanted to temporarily suspend a low production well near Fort Nelson. The project was high priority but low budget. The well has several challenges, one being that it is a remote access well in Northeastern British Columbia. It has a restriction with an ID of 79.38mm and an unknown wellbore impediment at 1000m (possibly scale). The well is full of gas at 3.1 MPa of pressure. The client needed to set a bridge plug in the 114.3mm OD by 100.53mm ID casing above this impediment.

**SOLUTION:** TAM was contacted for options. The solution provided was TAM's SlikPak Plus tool system with an inflatable retrievable bridge plug. The SlikPak Plus system, which is a battery-powered memory setting tool, allowed the customer to run the bridge plug in the well with a slick line truck, get it through the existing restriction, and set the packer. The bridge plug used had a run-in-hole OD of 63.5 mm, allowing clearance to run through the restriction. After the bridge plug was set, the well was filled with water, and a 7 MPa test was successfully performed. With the pressure from the column of fluid and the applied pressure test, a total differential pressure of approximately 17.2 MPa was placed across the plug without a problem.

**RESULTS AND BENEFIT:** The SlikPak was set and a successful pressure was test achieved. The customer was able to meet government suspension requirements under budget with one day of slick line unit operations.



*SlikPak™ Plus*