**CASE HISTORY**

**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 79.38 mm and an unknown wellbore impediment at 1000 m (possibly scale). The well is full of gas at 3.1 MPa of pressure. The client needed to set a bridge plug in the 114.3 mm OD by 100.53 mm 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 test achieved. The customer was able to meet government suspension requirements under budget with one day of slick line unit operations.