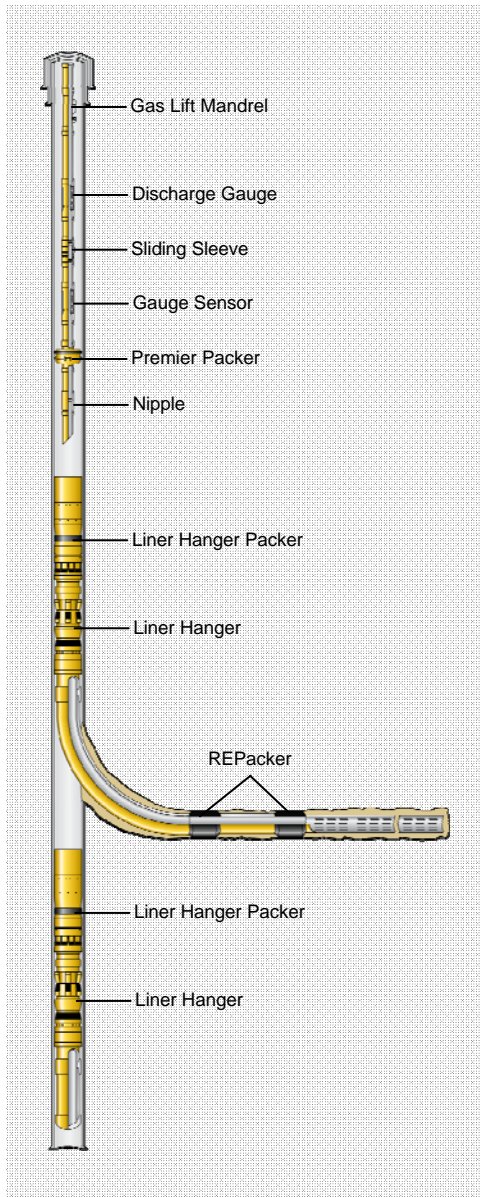


# REPacker™ Open-Hole Packer System

## Case History – Alaska



REPacker™ Open-Hole Packer System

### First deployment of Baker Oil Tools REPacker™ in North America

#### Project Details

**Location:** Alaska

**Setting Depth:** Dual REPackers set in tandem at 8,060 ft (2457 m)

**Open-Hole ID:** 6.125 in.

**Drilling Fluids:** Water-based mud

**REPackers:** 4.5-in. x 5.625-in. OD x 6 ft; water-reactive rubber compound

**Other Baker Oil Tools Equipment:** WindowMaster™, Model B™ HOOK Hanger™

#### Challenge

Baker Oil Tools was contacted when a decision was made to drill and complete a new lateral leg using multilateral and open-hole wellbore isolation technology to improve reservoir contact and increase production in a mature field.

#### Solution

- Following the milling of the WindowMaster profile casing exit to the new TD, the multilateral completion was installed
- The hook-up included (from TD) slotted bent joint, slotted liner, one REPacker, 680 ft of blank liner, a second REPacker, tension lock swivel assembly with crossovers and the Model B HOOK Hanger
- The REPackers were chosen for isolating the non-desirable water zone below the HOOK Hanger

#### Results

- Upon completion and return to production, the job was deemed an overall success
- The cost-effective solution saved two days' rig time and typically three squeeze cement jobs, and associated cost and risk
- Packer dimensions and properties were customized for the application based on client-provided data
- The reaction time was optimized to allow safe deployment with minimum 'wait on swell' time
- No dedicated personnel were required at the rig site
- The solution was made available and the equipment delivered to the rig site at very short notice
- No complicated equipment or procedures were required to run and activate the element