



Weatherford®

REAL RESULTS

Fit-for-Purpose Intervention Products Allow Client to Regain Control of Runaway Well Path

Objectives

- Perform an open-hole sidetrack after the operator went through the roof of the pay zone during drilling operations. Several previous attempts had been made to perform the sidetrack with a bent-motor bottomhole assembly and sidetrack bit, but with no success. The abrasive formation above the target of interest did not allow a ledge to be created for departure from the parent bore.

Results

- Weatherford immediately mobilized and successfully installed an open-hole whipstock with an IPP™ inflatable production packer anchor.
- The near-horizontal single-trip installation had enough lateral departure from the cased bore for electromagnetic MWD (measurement-while-drilling) to accurately target the new well path.
- Within 24 hours from the time Weatherford received the call, the operator was able to resume drilling operations, minimizing nonproductive time.

Value to Client

- Installation risk was averted.
- The operation was safe, controlled, and successfully executed. By contrast, cementing operations for horizontal sidetrack plugs have minimal success and typically induce additional operational risk.
- The operator was able to proceed without the additional expense and typical three-day wait for a cement truck and related equipment.



Weatherford's IPP inflatable packer provides a positive, pressure-tight seal for annular isolation between the work string and casing or open hole to assist in remediation or abandonment applications during drilling, production, or intervention.

Location

Beaver Lodge Area, Alberta, Canada

Formation

Quartz sandstone

Inclination

92.48°

Hole Size

6 1/8-in open hole

Mud System

Invert 625 lb/ft (930 kg/m)

Product/Services

- Open-hole screw-in whipstock
- IPP inflatable production packer