



Weatherford®

REAL RESULTS

Open-Hole Whipstock with Inflatable Packer Allows Northern Louisiana Operator to Correct Azimuth in Problematic Wellbore

Objectives

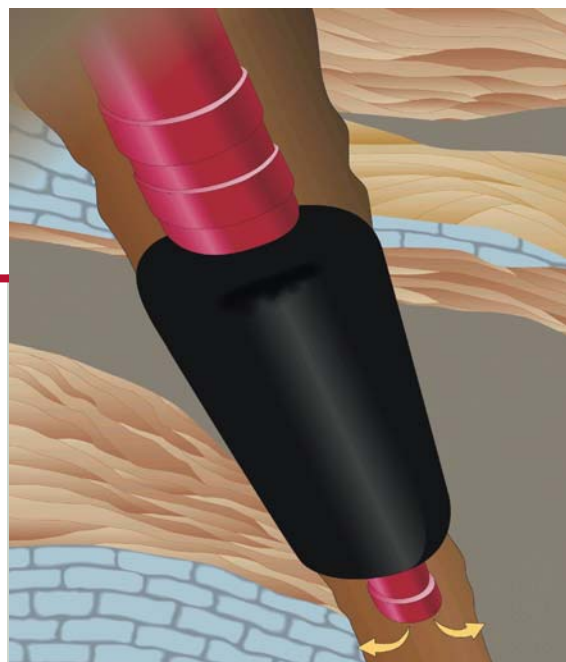
- Correct the directional azimuth of a problematic well by redrilling the well's bottom portion.
- Eliminate the need for cement plugs and cementing equipment.
- Set the whipstock and anchoring mechanism in one trip off bottom and above the problematic portion of the original wellbore.

Results

- Weatherford's 8-in. open-hole whipstocks and 6 3/4-in. inflatable injection production packer (IPP™) were run together and set in one trip using the IPP packer as the whipstock anchor.
- The IPP packer was then liquid-inflated through the whipstock and setting tool once target depth was reached.
- The whipstock was then drilled off; and the bottom portion of the open hole was redrilled.

Value to Client

- The operator saved the cost of cementing and cementation equipment.
- The operator saved approximately US\$50,000 in rig time by not being required to wait 12 hours or more for cement to set.
- The operator saved sidetracking time by not having to drill off of a cement plug.
- The operator reduced operational risk by sidetracking from a whipstock rather than from a cement plug.



Weatherford's IPP packer provides a positive, pressure-tight seal for annular isolation between the workstring and casing or open hole to assist in remedial or abandonment applications during drilling and production. Compatible with drillpipe, threaded tubing, and coiled tubing, this packer offers the versatility of a temporary or permanent seal for single- or multiple-packer configurations in wells of any deviation.

Client

Goodrich Petroleum

Location

Caddo Parish, Louisiana, USA

Formation

Cotton Valley

Well Type

Onshore gas well

Hole Size

8 3/4-in. open hole

Depth

8,986 ft (2,739 m)

Product/Services

- Open-hole whipstock
- IPP packer