

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 International Ltd. 515 Post Oak Blvd., Suite 600 Houston, Texas 77027 USA Tel: 713-693-4000 weatherford.com

Goodrich Petroleum Al Owings Drilling Engineer al.owings@goodrichpetroleum.com



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

Weatherford Garry Templeton

Technical Specialist Casing Exits, US Region

garry.templeton@weatherford.com

Weatherford products and services are subject to the Company's standard terms and conditions, available on request or at weatherford com. For more information contact an authorized Weatherford representative. Unless noted otherwise, trademarks and service marks herein are the property of Weatherford. Specifications are subject to change without notice. Weatherford sells its products and services accordance with the terms and conditions set forth in the applicable contract between Weatherford and the client.