



Weatherford®

REAL RESULTS

Annulus Casing Packer Helps Prevent Fluid Dumping from Reservoir to Thief Zone

Objectives

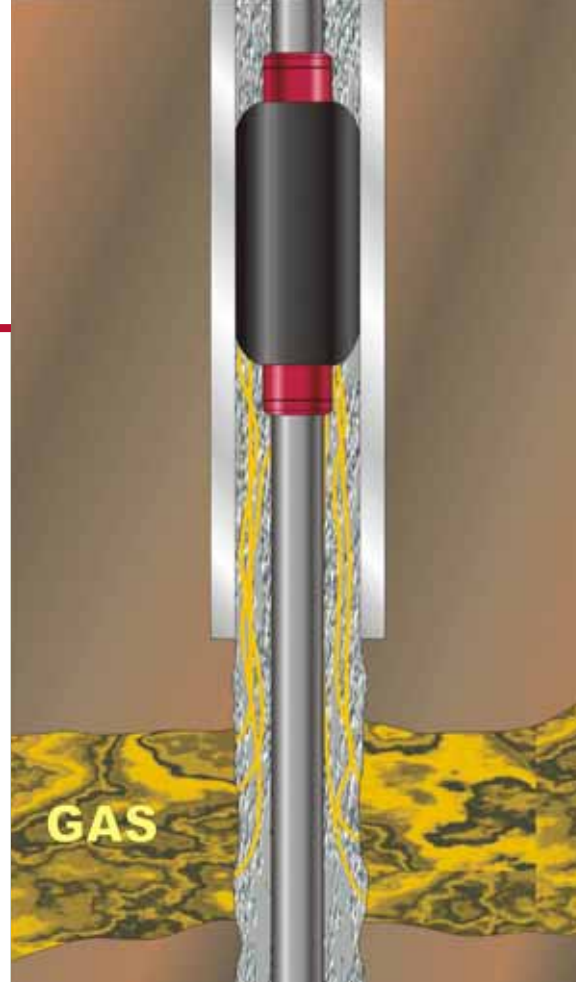
- Establish a mechanical barrier to drastically reduce the risk of communication between a high-pressure productive zone and a depleted low-pressure, lost-circulation zone. The resulting barrier would significantly reduce the possibility of a blowout from gas migration to the surface through a channel in the cement column.

Results

- An 18 5/8-in. × 10-ft ACP™ annulus casing packer system was run as an integral part of the 18 5/8-in. casing string and installed at a depth of 5,102 ft (1,555 m) inside a 22-in. open hole.
- The primary cement job was conducted. Following the bumping of the top solid cementing plug on the float collar, the ACP system was inflated and closed, and the job was completed, isolating the annulus.

Value to Client

- Using the ACP system to eliminate communication between the two zones enabled the operator to commingle two different zones while helping to avoid the cost of a complete casing string.
- This process enabled the operator to further develop the field by setting a 5-in. liner on the drain hole.
- By reducing the chances of a blowout, the ACP system enhanced crew safety and helped to avert potential multimillion dollar losses resulting from a lost hole and the need to drill a replacement well.



Weatherford's ACP annulus casing packer provides a proven, reliable solution for isolating zones and mitigating blowout risks.

Client
Kuwait Oil Company

Location
Kuwait

Well Type
Gas

Hole Angle
Vertical

Casing Size
18-5/8 in.

Setting Depth
5,102 ft (1,555 m)

Products/Services
ACP annulus casing packer