



Weatherford®

REAL RESULTS

HIP™ Plug Successfully Shuts off Water and Restores Production in High-Temperature Well in Pakistan

Objectives

- Enhance oil and gas production by setting an *HIP* plug through the completion string to isolate the bottom interval of a high-temperature well and prevent formation water from leaking into the well.

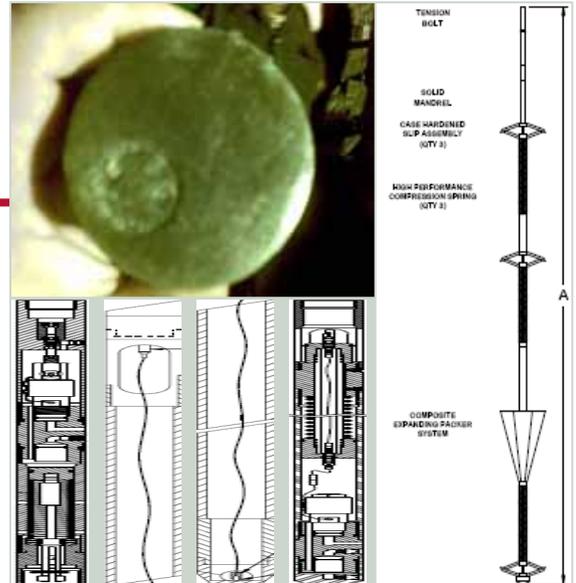
Results

- Weatherford's *HIP* plug was successfully set and the vent port was closed, using a lead impression block on slickline. Cement was then placed on the *HIP* plug with gravity bailers.

Value to Client

- Oil production increased from zero to 300 barrels of oil per day.
- Gas production was enhanced from 0.35 million standard cubic feet per day (MMscf/d) to 1.3 MMscf/d.
- Water production was lowered from 466 barrels of water per day (BWPD) to 265 BWPD, reducing water handling issues at the surface.
- The use of the *HIP* plug saved the client the extra expense of a rig workover and recompletion of the well, optimizing the cost of equipment and personnel.

HIP is a registered trademark of HPI Inc., a Weatherford company.



The *HIP* plug does not require elastomers for isolation, allowing it to be used in high-temperature wells. The plug has a 1 5/8-in. running outer diameter to pass through minimum restrictions and set in larger casing. Because the plug is run on wireline, correlation is not an issue in critical areas where the gap between zones is small.

Location

Rawalpindi, Pakistan

Well Type

Oil and gas producer

Casing

7-in., 32-lb/ft

Setting Depth

12,717 ft (3,876 m)

Products/Services

HIP plug