



Weatherford®

REAL RESULTS

Inflatable Jet Straddle Packer Gives Significant Production Boost to California Well

Objectives

- Acid-stimulate a major operator's well off the coast of California to increase production.

Results

- A memory depth-correlation run was made on 1 1/2-in. coiled tubing to accurately determine the required setting depths for the stimulation. A 2 1/2-in. Weatherford inflatable jet straddle packer (IJSP) system with 20 ft (6 m) of spacing between the packers was then run through 3 1/2-in tubing and set six times inside the 5-in. liner's perforated interval at depths of 9,018 through 9,138 ft (2,749 through 2,785 m).
- Fifteen percent HCl was pumped at rates ranging from 1 to 1.5 bbl/min, at a maximum pressure of 4,000 psi (2,758 kPa) at each of the setting intervals.
- The system was retrieved through the tubing, passing multiple nipple profiles.

Value to Client

- The well was put on production, with significant increases reported.

Weatherford's IJSP, run on coiled tubing threaded-and-coupled work string, inflates and provides pressure sealing during pumping operations and deflates when flow is stopped. The packer can be set multiple times, moved to different locations between setting cycles, and then returned to the surface.

Location

Offshore California, USA

Depths

9,018 to 9,138 ft
(2,749 to 2,785 m)

Pressure

4,000 psi (2,758 kPa)

Products/Services

- Thru-tubing intervention services
- Inflatable jet straddle packer

