

Case History

Baker Hughes Helps Customer in Western Siberia Resolve Crossflow Problems

Problem

A well in western Siberia had casing leaks along the full length of the wellbore, and was absorbing and flowing oil at the same time. The customer had been struggling to work over this well for five years with no success and had finally abandoned it several years ago. The customer decided to contact Baker Hughes to see whether it was a viable workover project.

Solution

The well was completed with 7 x 9-5/8-in HMC™ liner hanger and ZXP™ liner top packer with tieback completion to shut off the crossflow problems.

Results

- Within a tight delivery time, Baker Hughes Russia provided a 7 x 9-5/8-in. HMC liner hanger and ZXP liner top packer with tieback completion, completed the well, and shut off the crossflow problems
- The job was completed with no abnormal situations
- The well was cemented and pressure-tested to 10,000 psi, with no leaks
- The customer continued to work over the well

Project Details

Location: Siberia

Date: December 2008

Pressure: 10,000 psi

Baker Hughes equipment

- 7 x 9-5/8-in. HMC liner hanger
- ZXP liner top packer
- 5-1/2-in. tie-back completion

