

Case Study: Restoring production with HPHT

Challenge

The well was completed as an Open Hole Gravel Pack with 5 ½" screens in a 9.5" OH. The initial gas production was over 200 MMSCFD, however due to the well liquid loading, after 3 years the production went to zero, resulting in the well being shut-in for 2 years. Interwell's objective was to achieve water shut-off or water slow-down so that production could be re-established.

Solution

Interwell ran and set a 386-550 HPHT in the 5 ½" liner in an area where formation shale was present above the inflow of water. The HPHT was set in the sand control screens at a depth of 13,000 feet in a two foot blank section below the coupling.

Value Created

By using Interwell's HPHT retrievable bridge plug, the operator's gas production went from zero to 40 MMSCFD.

Date:

March 2014

Region/Field:

Central/South America

Key Capabilities:

- Patented metal to metal sealing support module and exclusive packer element technology
- Ideal for workover applications: well control barrier, packer for injection valve, fixed choke, etc.
- Slim design (small OD/ large ID)
- ISO 14310:2008 international standard grade Vo.

