

# Case Study: Velocity String Solution (VSS)

## Challenge

A major operator on the Arabian Peninsula experienced significant difficulties with the high volume of condensate in their well. The fluid had a negative effect on production and reduced the gas velocity. The operator needed to install a 2-3/8" OD velocity string in order to improve the flow velocity in the wellbore, enhance productivity, and extend the life of the well.

## Solution

Interwell provided its Velocity String Solution (VSS) suitable for hanging off heavy loads in the well. The loads are carried via the packer main mandrel and the setting tool mandrel into the running string. This was achieved without interfering with the setting compression forces required for the element sealing.

## Value Created

The installation was performed successfully, without any safety or operational issues. By using Interwell's VSS, wellhead pressure was increased and sufficient velocities were generated to lift the fluids from the wellbore and extend the life of the well. The successful operation increased flow velocity and significantly improved gas production.

**Date:**

March 2015

**Region/Field:**

Mid-East

**Key Capabilities:**

- Heavy load capability.
- Retrievable with standard GS in single operation.
- Can be run on CT and Pipe.

