Well test application
Production optimization solutions

Oil and gas wells require periodic testing in order to measure their productivity. Each well is, of course, different and the composition of the products of a well can vary greatly in different formations. ABB's Well Test Application provides for manual or automatic control of switching wells in and out of test/bulk for allocating gas and fluid production. The application works for flowing wells and artificial lift wells such as pump jack, chemical, plunger, and gas lift wells. It also allows users to remotely accept and reject the well test, as well as remotely start/end a test and log it in the trend files for easy access.

Scan the QR code for more information.
abb.com/upstream

ABB

Well test options

ABB's Well Test Application can be easily configured for three different types of wells:

- **Flowing wells.** Flowing wells are wells where the gas and liquid flow out of the well without any outside assistance helping the gas and liquid flow to the surface.
- **Artificial Lift wells.** Rod, gas, plunger and chemical lift wells increase the flow of the gas and liquid in the well allowing it to travel to the surface with the aid of our pre-built production applications.

Features

- Simply select between flowing and Gas/Plunger lift you will be using
- Choose between single or grouped wells for switching
- Liquid measurement application and gas measurement application in the same RTU
- Event logging capabilities that indicates the start/stop and state of the well test
- Ability to locally accept or reject the test
- Shutdown functions based on remote ESD, test separator pressure and level switch
- Logging of the well results, including liquid and gas average, static and differential pressure and temperature
- Trend of accepted or all well test separately
- HMI screens for Red Lion

Automates the process of testing one or many wells

Alarm logs track the time, date, and alarm message details

View multiple available well test records at any time