

## Expro Excellence

# Cost effective non-intrusive solution for brown field redevelopment

## Well Flow Management | Flow Surveillance



### Customer challenges

- Our customer was performing an enhanced oil recovery redevelopment of a mature oilfield
- An infill drilling campaign required well testing capability during the well unloading operations from the existing production facility, there was also a zero flaring policy in place
- The customer had concerns about their existing well test equipment and associated instrumentation
- The customer required a portable clamp on meter to augment and verify the performance of their existing metering

### Expro Excellence

- Expro proposed a non-intrusive clamp on SONAR meter which provided:
  - Metering at the wellhead on Water Alternating Gas wells (WAG)
  - Verification and recalibration of existing inline metering on test separator liquid and gas lines
  - Metering to replace failed instruments without facility modification or CAPEX

### Value to the client

- The customer was able to successfully perform a zero flaring well unloading campaign and well testing utilizing the existing infrastructure
- The Step Rate Test (SRT) water injectivity testing was performed on two wells in order to validate the performance of downhole Interval Control Valve (ICV) and existing orifice meters
- Expro identified metering locations that required future maintenance or replacement
- We provided calibration, verification and/or correction of existing working metering devices
- Operations were performed on a portable basis without modification or facility shutdown, which allowed the customer to optimize costs and time

### Cost effective

