EXPRO

WELL FLOW MANAGEMENT™

# / Expro Excellence

# Well Intervention

**Expro increase surveillance efficiency whilst reducing slickline unit time for BHP measurement during a trial in the Gulf of Thailand**

## Objectives

- Traditionally, slickline is deployed to perform bottomhole pressure (BHP) surveys, however an operator in the Gulf of Thailand wanted to increase the efficiency for production-enhancing well intervention with slickline units, and still be able to gather BHP data using an alternative means
- Expro was approached to produce an echometer survey to assist in BHP measurements

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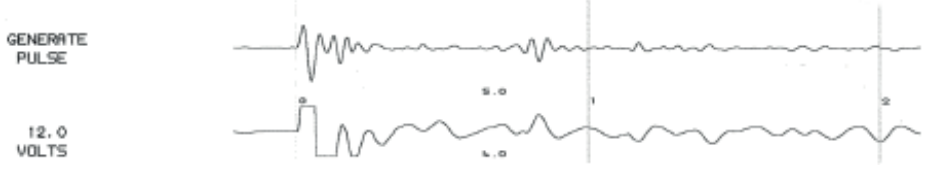
- Expro's echometer survey was conducted over two campaigns
- Compared to slickline BHP methods, data analysis indicated the echometer surveys were repeatable, and not significantly different from the traditional methods, therefore the operator recommended continuing to use the echometer to assist in BHP measurements

## Value to client

- An alternative means of measuring bottomhole pressure was successful, without deploying slickline and running pressure gauges – not only saving time, but also allowing the slickline unit to be utilised for alternative production-enhancing operations
- Increased efficiency of the intervention and surveillance program
- Slickline units can now be used for alternative operations
- Identification of well conditions on no flow wells and improved decision making




Echometer analogue signal and liquid level detection

The echometer shoots high pressure waves into the well. When the wave passed ID changes, and/or density changes in the wellbore fluids, a wave bounces back to the receiver installed at the tree cap. The time taken to travel within the well determines the depth of the liquid level.

## Contact

For further information, please contact:

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