

## Case Study Well Monitoring

# Collection of Data with Minimal Pressure Loss in Flowing Wells

### The Challenge

A programmed platform was scheduled, providing an ideal opportunity to conduct valuable data acquisition operations. Six wells across the field were strategically selected for pressure transient analysis.

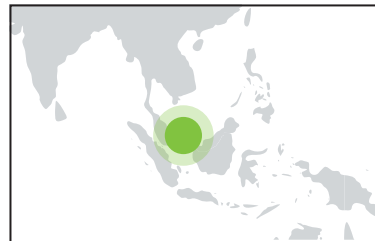
### Considerations

The campaign offered some difficult working conditions; logistically and operationally. The following key requirements and concerns were highlighted by the customer:

- Pinpoint data acquisition
- Flow through capability
- Restricted rig up height
- Heightened safety concerns with use of explosives and nitrogen
- Temperature limits on two of the six wells
- POB capacity



▲ Large Bore Gauge Hanger



**Location:** Offshore Malaysia  
**Customer:** National Oil Company  
**Well Type:** 5 ½-in oil producer (74 degree deviation, 250-330 degF)

**Products/Services:**  
5 ½-in Large Bore Gauge Hanger and SIM Running Tool

## Six

5 ½-in Large Bore Gauge Hangers set on slickline at varying depths

## Zero

NPT or harm to personnel

## Four weeks

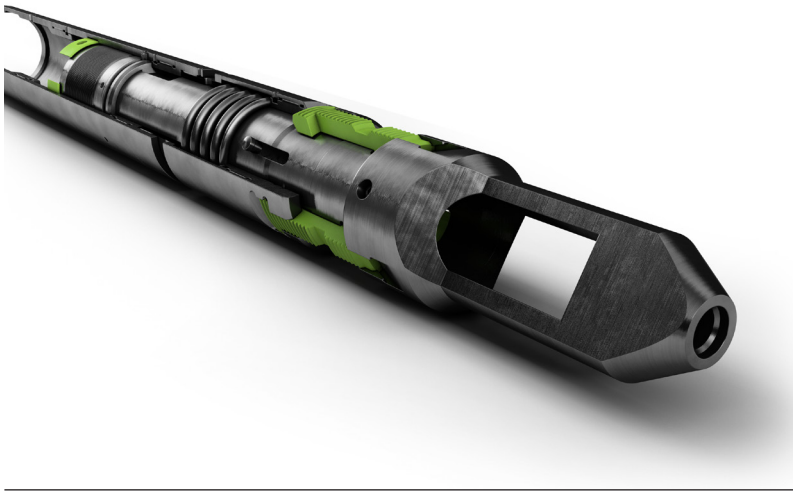
All gauge hangers successfully set for approximately four weeks

### Peak's Solution

- Six 5 ½-in Large Bore Gauge Hangers set on slickline at varying depths
- Three gauges were connected to each gauge hanger
- All gauge hangers successfully set for approximately four weeks duration
- All gauge hangers successfully recovered on standard GS
- All data recovered from gauges

### Value to Customer

- Valuable data recovered for pressure transient analysis successful
- Zero NPT
- Zero harm to personnel
- Significant cost savings



▲ Large Bore Gauge Hanger



▲ SIM Running Tool

**Product Code(s):** Large Bore Gauge Hanger – 340, SIM Running Tool – 350

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