National Oil Company, Offshore Malaysia

Technical Challenge:
Collection of data with minimal pressure loss in flowing wells.

Well Type:
5 ½” oil producer (74deg deviation, 250-330deg F).

Peak Solution:
5 ½” Large Bore Gauge Hanger and SIM Running Tool.

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

Summary:
- Six 5 ½” 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
- Zero NPT
- Zero harm to personnel
- Significant cost savings

For more information please contact: info@peakwellsystems.com