

# **Well Analysis Report**

## **Executive Summary**

Well: NLW-GT-02-S1. Operation: Install GRE string. Started: 10th April 2019. Duration: 25 days. Packer set at 2420 m AHGL. ESP system installed. Reservoir temperature: 90°C. No HSE incidents reported. Nodal analysis: Operating at 50.0 m<sup>3</sup>/h with wellhead pressure 10.0 bar and bottomhole pressure 216.69 bar. Productivity index: 1.15 m<sup>3</sup>/h/bar. Maximum potential flow: 300.0 m<sup>3</sup>/h (16.7% utilization).  
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## **Nodal Analysis Results**

Flow Rate: 50.0 m<sup>3</sup>/h  
Wellhead Pressure: 10.0 bar  
Bottomhole Pressure: 216.69 bar  
Maximum Flow: 300.0 m<sup>3</sup>/h  
Utilization: 16.7%