

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 m³/h with wellhead pressure 10.0 bar and bottomhole pressure 216.69 bar. Productivity index: 1.15 m³/h/bar. Maximum potential flow: 300.0 m³/h (16.7% utilization).
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Nodal Analysis Results

Flow Rate: 50.0 m³/h
Wellhead Pressure: 10.0 bar
Bottomhole Pressure: 216.69 bar
Maximum Flow: 300.0 m³/h
Utilization: 16.7%