

This case history is of a horizontal gas well producing high rate gas & water. RECON's accurate holdup measurements identified the water inflow sections and using temperature/flow meter and holdup, the analysis matched with high confidence the flow contributions. Instrumentation was deployed on Well Tractor.

This particular production log helped the asset manager identify water breakthrough in this horizontal well. The asset was performing at a high rate of gas until two perforation clusters communicated with an unknown fault, channeling water in from an interval below. This water influx lowered the gas production and produced at a high rate, undesired saline water.

