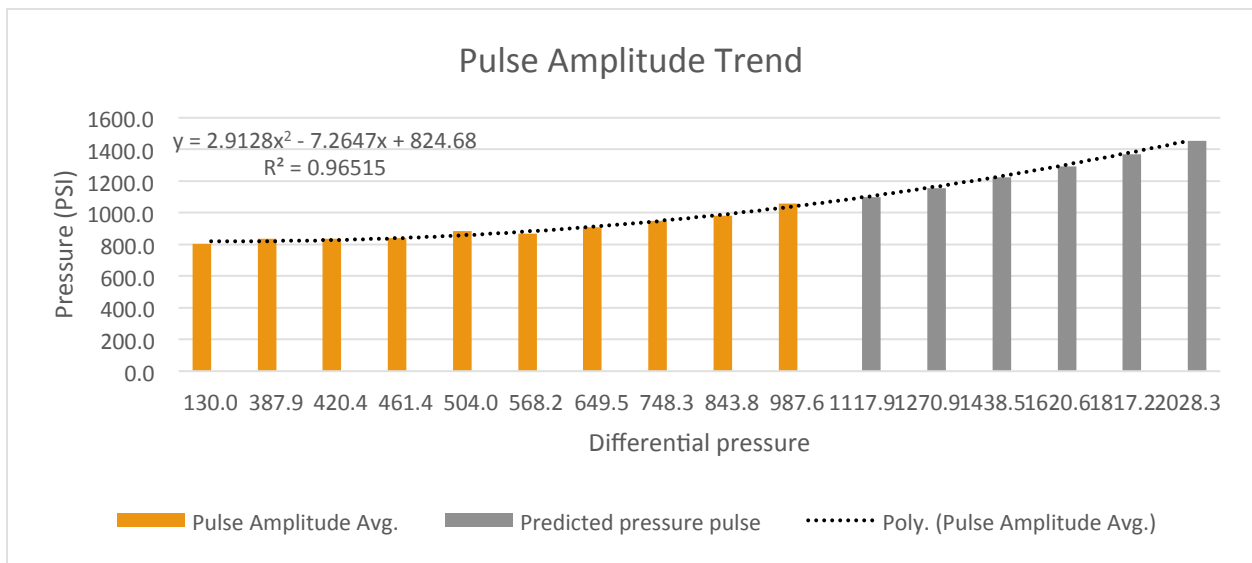




CT Energy has performed a study comparing the effects of motor differential pressure and the increase in amplitude of the pressure pulse created by the Ratler. An initial test of no downstream restriction was measured to create a baseline, replicating off bottom conditions. The downstream restriction was incrementally increased until the pumping unit could no longer reach the target flow rate. The data produced indicates the Ratler system gains significant performance as motor differential increased.



### Benefits for the Operator

- 150% amplitude gains over baseline at 1500 psi motor differential.
- Move power available to break friction when paired with a shock-tool.
- Gains in performance only possible with CT Energy's patented negative pressure pulse.
- With higher possible motor differential comes more power from the Ratler

Contact your CT Energy sales member for more information.

