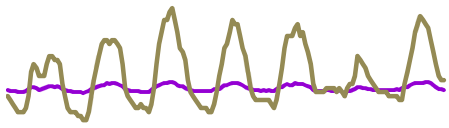
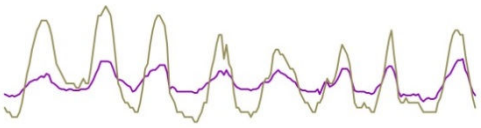
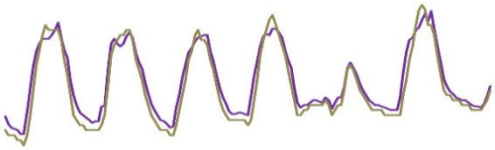
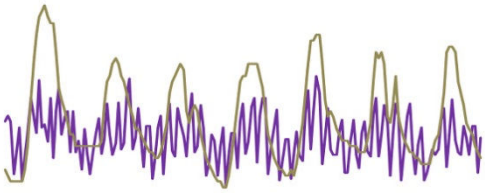
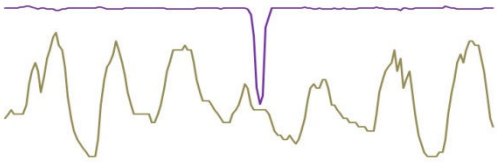
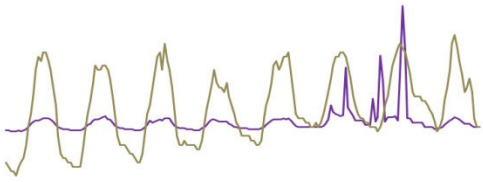
WatchDog: Easy Guide to Interpreting Flow Temperature

Hourly Average Temperature Flow Temp Ambient Temp	
	***Flowing Well – High Flow Rate:*** *the hourly average flow line temperature is being maintained at a nearly constant temperature by the reservoir heat brought up by the liquid flowing in the pipe. The actual flow line temperature will be influenced by well depth and water cut.*
	***Flowing Well – Lower flow rate:*** *the hourly average flow line temperature is showing some response to the ambient temperature since less reservoir heat is being brought up due to the lower liquid flow rate.*
	***Well Not Flowing:*** *the hourly average flow line temperature is following ambient temperature very closely since there is no liquid flowing in the pipe and thus no heat is being brought up from the reservoir.*
	***Intermittent Production:*** *non-constant production rate causes hourly flow line temperature to jump up and down.*
	***Interrupted Flow:*** *flow line temperature dips towards ambient when flow is interrupted. This is a high flow/water cut well equipped with an ESP.*
	***Pump Off:*** *flow line temperature increases due to stuffing box heating as well pumps off and flow stops.*