

AUTOMATION OBJECTIVE

The buildup of liquid (water or oil) in a gas well causes a bottom hole back pressure on the producing formation. The result is a decrease in the gas flow, a production drop below the normal well Decline Curve, and lost revenue. Intermitting is the process of producing the well through a cycle of flow and no-flow or On/Off flow. The Off period allows well pressure to build. During the On period, the increased pressure becomes the driving force to move liquid from the well to the surface. The result is an increase in gas production.

AUTOMATION SOLUTION

The **Totalflow** XSeries Flow Computers or Remote Controllers can control the On/Off operation of the gas sales valve. The Intermitting provides a Time based control. Up to 2 wells can be controlled by one XSeries. Local setup is with a laptop computer using Totalflow PCCU software or a Local Key Pad installed on the XSeries. Remote setup is made using WinCCU or SCADA Vantage over a communications link. The only initialization requirement is for the pumper to enter the amount of On time and the amount of Off time.

SOLUTION BENEFITS

- Increased Production
- Easy Installation: mount XSeries; connect solar panel; connect wiring to valve.
- Simple Start-up: enter initialization requirements with Local Key Pad or PCCU software or remotely from host computer.
- Low Power Electronics: helps extend battery life, reduces maintenance expense, allows for more run time.
- Extendable: the XSeries can also provide flow measurement, alarming, data logging, level measurement, remote communications and nomination control while performing **Intermitting**.

Totalflow Recommended Equipment:

- Qty 1 – Model XSeries Flow Computer or Remote Controller with Solar Panel
 - Qty 1 – PCCU Laptop Communication Software
 - Options – Radio for Remote Communications; WinCCU Remote Host Software
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