

# Auto Batch with Slip Valve

Application Sheet #63

## REAL TIME BENEFIT

Increased Production

Reduced Manpower

## SITUATION

- A customer in the Permian was using a manual slip valve to move chemical downhole.
- Operators would leave the valve open, resulting in continuous production inefficiency and loss.
- Manual opening of the valve is difficult, especially during weather changes or manpower shortages, making the well underperform since no chemical is injected.
- The customer was using a needle valve to inject chemicals through. This would plug without any way of knowing that the chemical was not injecting.

## SOLUTION

- A Sirius Fusion<sup>2</sup>™ controller was installed. The controller was connected to an actuated full port ball valve. The ball valve was set to open on a daily schedule.
- The customer utilized its existing Fusion<sup>2</sup>™ pump, to continuously inject chemical.
- An InSight™ smart sight glass was installed, providing the capability to communicate tank level and flow measurement.
- An added feature of the InSight™ is constant closed-loop control for extremely accurate injection

## RESULTS

- The customer no longer has to visit the site to manually open a valve, saving manpower and operational costs.
- The full port ball valve operates without problems due to blockage.
- The system was equipped with a valve position indicator that signals when the valve is fully open allowing the operator to understand performance.
- Increased production resulting from the slip valve not being left in an open position.



[www.siriuscontrols.com](http://www.siriuscontrols.com)

**PROFITABLE ENVIRONMENTAL SOLUTIONS**