

V3RU™ Vapor Capture System

A simple, cost-effective storage tank emissions compliance solution

- Eliminates tank venting
- Reliable and maintenance free
- Perfect for remote sites with no power



Eliminates Incidents of Venting from Low Producing Well Storage Tanks

The V3RU™ is a patented vapor capture system engineered to eliminate incidents of venting methane and other VOCs from production storage tanks associated with lower producing oil wells. It is a cost-effective solution that enables well owners and operators to comply with the EPA's Quad O rule and increasingly stringent State and Local emissions regulations such as Colorado's Regulation 7:

- ✓ 'No venting' standard for most storage tanks;
- ✓ Maintains combustion device destruction efficiency; and
- ✓ Monitoring requirements (via optional sensor package).

Vapor Capture Process & Design

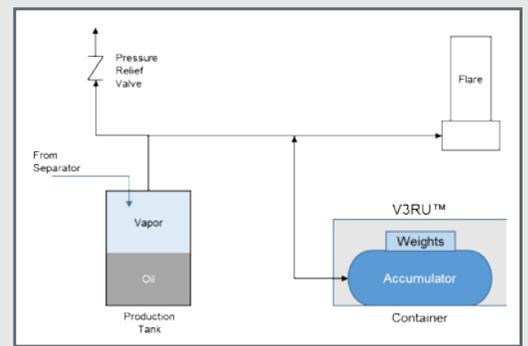
The V3RU™ captures a large volume of the flash gas vapor generated during well cycling, significantly reducing pressure in the production storage tank below the venting threshold. The vapor is then fed to the combustion device in a controlled manner, enabling it to operate within specification, ensuring maximum VOC destruction.

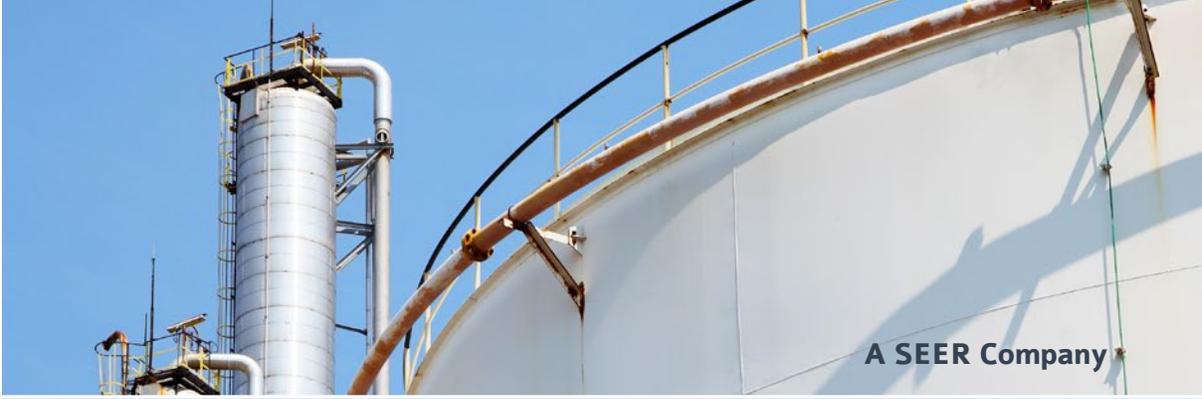
Key Benefits & Features

The heart of the V3RU™ is a variable volume accumulator that stores the excess vapor until the well cycle completes and the surge in pressure subsides. The vapor capture device is constructed of a military-grade, fuel-storage membrane and meets rigorous quality standards.

- ✓ No electricity required; ideal for smaller (<25 bbl/d), remote wells where more expensive technologies are not feasible.
- ✓ Low capital cost and little to no operating expense.
- ✓ Full instrumentation & datalogging with remote monitoring capability.

- Custom enclosure
- Weighted platform
- Hose to flare pipe
- Variable volume accumulator





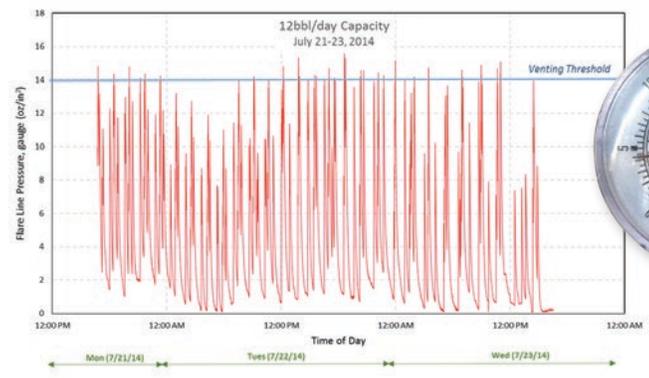
V3RU™ Vapor Capture System

A simple, cost-effective storage tank emissions compliance solution

Proven in Challenging Field Applications

An extended field test was conducted on a 12 bbl/d well site in the D-J Basin. The chart below shows the pressure in the oil storage tank and flow line during normal operation. Spikes in the pressure correspond with the large volume of vapor produced during well cycling. When the pressure limit is reached, a vent opens, releasing the vapor into the atmosphere.

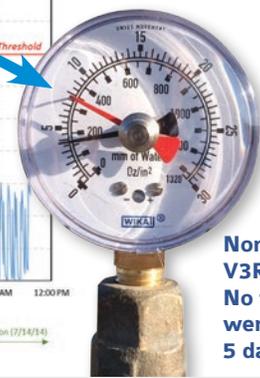
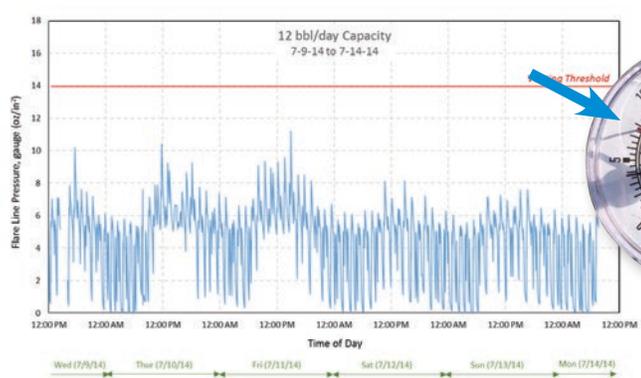
Before: Venting



Normal Well Operation. V3RU Disengaged. 24 incidents of venting in a 48 hours period.

Once the V3RU™ is engaged, the maximum pressure in the production tank and flare line is significantly reduced, and well below the threshold level for venting.

After: No Venting



Normal Well Operation. V3RU Engaged. No flash gas emissions were vented during 5 days of production.

Contact

Mike Cardillo, President
 REGS, LLC
 (303) 947-1641

Benefit

The V3RU™ delivers consistent and reliable results for smaller, remote wells where no other technology can operate, resulting in a highly cost-effective compliance solution and enhanced operator safety.