

VAPOR RECOVERY, VACUUMS AND YOU

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How is the vacuum created?

- Tanks are “tight”
- Product is dispensed
- No air ingress or vapor return

Missouri Department of
Natural Resources



Vacuum and the Drop Tube

- The “stick reading” at the drop tube may not be accurate!
- Are you sticking your tanks for SIR?
- Compare to the ATG product level
- ‘Equalize’ the tank

Vacuum and the ATG

- With vacuum, same amount of product but “level” is higher
- CSLD uses data over time
- Some data:
 - Under vacuum (reads high)
 - Not under vacuum (reads normal/lower)

Is this happening in all of my tanks?

- High throughput
- “Tight” tanks
- P/V valve not functioning
- P/V valve cracking under greater vacuum

Are my tests valid?

- Static testing *should* be okay
- Standard tank tests with ATG
- Tank tightness tests
- No reports of problems with interstitial monitoring and double wall tanks