



The following information and pictures will show one of the worst case scenarios that a vac truck would ever encounter.

The first picture shows the flocc tank from Trail Blazer Rig #9, which is a 12 cube tank completely full. Trail Blazer is a coil tubing rig that generates a lot of shale because it drills faster than average. The shale in the tank shown is coarse and harder than most shale I've worked with.



I took two loads back to back without doing any agitation, only spreading off the water on the first load and keeping the water from the second load to aid in compressing the shale overnight. This was done for demonstration only

After twenty four hours the shale had settled out completely covering the system, making it unfunctional. By draining off the water and the opening the door, I could get the system working again having only to expose the suction end of the pump and the one jet beside it. It gave me a chance to start agitating again only using the one exposed jet. This is the benefit of the pump being located at the back of tank maximizing the usage of fluid and making it more accessible.



Knowing that I only had one jet to work with, I had to agitate the shale out in two stages. First I loaded 2 cubes of water, to agitate with the only exposed jet I had .