

POWDERSOLV™ CLEANS SEPARATOR LINE PLUGGED FOR 11 YEARS (IN 10 MINUTES)

PROBLEM

A large midstream energy company gas plant separator had the water phase 2" line fouled with pipeline rouge [iron sulfide] for 11 years. All attempts the operator made to unplug the line failed, so the vessel was used only as a 2-phase separator. Recently, the condensate line started developing flow problems.



ANALYSIS

- Lower one third section of vessel had filled with iron sulfide and other solids received from inlet gas flow and pigging program
 - Condensate outlet line was pinching off due to iron sulfide buildup
 - Waste water was being dumped to condensate tank due to buildup in vessel
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POWDERSOLV® SOLUTION

- A customized formulation of *POWDERSOLV™* was injected into the bottom 2" water phase nozzle and line flow was observed in approximately 10 minutes
 - The following day, *POWDERSOLV™* was circulated within the vessel; 100% of the vessel liquid was drained and gas flow commenced out of the 2" line at the bottom of the vessel
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RESULTS

- Cleaning accomplished with vessel remaining on-line
 - 2" water phase line clean and operational after 11 years
 - Clean, empty and fully operational vessel
 - Water now dumping to disposal tank
 - Clean condensate dumping to finished condensate tank
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