

POWDERSOLV™ ELIMINATES IRON SULFIDE BUILDUP SAVING OPERATOR \$180,000+ YEARLY

PROBLEM

A large gas gathering company plant was experiencing iron sulfide buildup in the inlet slug catchers due to field line pigging. The buildup was so severe the operator was manually cleaning each vessel every 6-months.



ANALYSIS

- Vessel skin temperature variations indicated a large amount of solids buildup in each vessel
 - Sample analysis showed high amounts of iron sulfide combined with other inorganic iron compounds
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POWDERSOLV® SOLUTION

- A customized *POWDERSOLV™* blend was developed based on the solids analysis
 - Continuous injection of the *POWDERSOLV™* blend was implemented with both vessels remaining online
 - Vessel skin temperature measurements were taken at regular intervals to monitor the rate at which the solids were being removed
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RESULTS

- Visual inspections of the vessels verified successful solids removal
 - Waste hauling and disposal was eliminated
 - Product throughput was increased
 - On-site personnel safety factor was increased by eliminating manual cleaning of the vessels
 - Vessel maintenance costs were reduced by more than \$180,000 per year
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