

PETROSWEET HSW24112 H₂S scavenger reduced H₂S levels in sales gas by 60 percent to meet pipeline specs and increase production revenue

CHALLENGES

- Exceeding sales gas pipeline H₂S specification due to amine unit performance issues
- Maintaining production rates, which were dropped significantly to ensure gas produced was meeting pipeline specification, <1.4ppmv H₂S, costing approximately \$17,000 USD per day in deferred production

SOLUTION

- [PETROSWEET HSW24112 H₂S scavenger solution](#) with atomizing quills was utilized for its ability to:
 - React quickly to remove H₂S at low treatment rates
 - Keep produced gas and fluid streams sweet allowing sour wells to be produced
 - Perform in low temperatures with short residence times
 - Resolve operational constrains in a single treatment

RESULTS

60%

Reduction in sales gas H₂S levels

100%

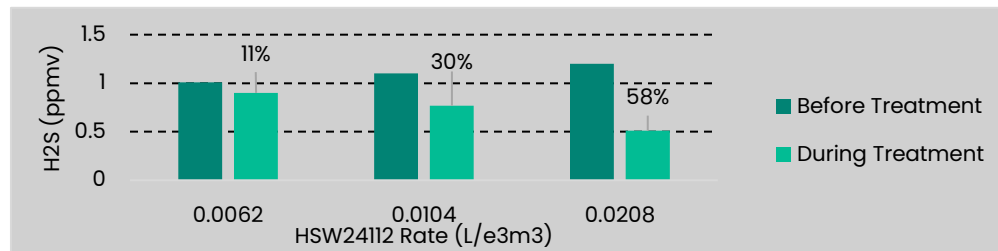
Restoration of amine units

\$17,000 USD daily

Saved in deferred production revenue

“PETROSWEET combined with Baker Hughes expertise prevented production losses after the operator’s amine units had failed to perform.”

– **Niall O’Connor**
Service Delivery Coordinator,
Baker Hughes Upstream Chemicals



H₂S reduction vs. injection rate (% H₂S reduction shown in brackets)