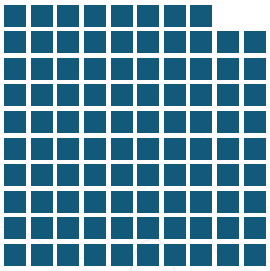
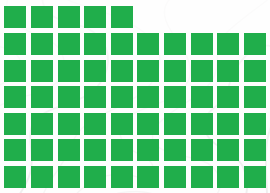
Shotwell™

An H_2S scavenger based on MEA Triazine containing **NRGMax**, our proprietary chemistry, has been shown to dramatically boost the efficacy of triazine. Shotwell's NRGMax MEA Triazine is chemically identical to MEA Triazine.

SPEND UP TO 100% WITHOUT PRECIPITATING SOLIDS



NRGMax-powered MEA Triazine



Standard MEA Triazine can begin to form solids at only 70 to 75%

Powered by NRGMAX™

$ COST SAVINGS

- Lower chemical & cleanup costs
- Lower labor and handling costs
- Lower logistics costs
- Lower equipment replacement costs

<1%

NRGMax-powered MEA Triazine is less likely to form intractable solids.

PERMIAN FIELD STUDY 1: 2 WELL BATTERY

- 1,000 Gallon custom built bubble tower
- Average Flow Rate: 866.5 MCFD
- Average H_2S Inlet: 100-120
- CO_2 : 8300

PROCESSED 0.91 lbs. vs. 0.68 lbs. per gallon of product

RESULT: 33% Increase in operational life
(28 days vs 21 Days control with standard MEA Triazine)

> In all of our field trials, we've seen that our formula is less likely to precipitate solids, even realizing as high as a 96% MEA Triazine utilization. This is important because an operator will spend time and money each time they swap towers to rinse out solids or shut down production.
>
> *- Derek Vaughn, Technical Director of BPS Oil and Gas*

PERMIAN FIELD STUDY 2: 2 WELL BATTERY

- 1,000 Gallon custom built bubble tower
- Average Flow Rate: 866.5 MCFD
- Average H_2S Inlet: 100-120
- CO_2 : 8300

PROCESSED 0.98 lbs. vs. 0.70 lbs. per gallon of product

RESULT: 40% Increase in operational life
(29.4 days vs 21 Days control with standard MEA Triazine)

PERMIAN FIELD STUDY 3: 4 WELL BATTERY

- 2,450 Gallon custom built bubble tower
- Average Flow Rate: 3766 MCFD
- Average H_2S Inlet: 400 - 500
- CO_2 : 73000

PROCESSED 1.08 lbs. vs. 0.86 lbs. per gallon of product

RESULT: 18% Increase in operational life
(16.5 days vs 14 Days control with standard MEA Triazine)

For more information about NRGMax® MEA Triazine, contact Shotwell Hydrogenics: salessupport@shotwellhydrogenics.com