

Bellacide® 355

for biocidal control in producing wells



Bellacide 355 in action

Bellacide 355 provides bacteria kill in fractured producing wells, where other biocides fail and only provide minimal performance.

Improve cost of operation

Sustainable results

Easy application

Challenge

A frack water study, using waters from the Niobrara formation, found that common biocides such as THPS, ADBAC, Triazine and others were not achieving adequate kill levels to control microbiological activity. Even when dosages were elevated to 1000 ppm, none of the biocides tested were able to have a kill rate above 95% that was sustainable.

Results

Bellacide 355 was tested in the same conditions as the other industry biocides and had outstanding performance. It sustained a 99% effective kill rate. On a usage basis, it proved to be the least expensive product to treat this heavily fouled well. After the treatment, production levels essentially doubled.

C-ATP Activity Level	
Bellacide 355	1X
ADBAC 20%	5X
THPS	26X
KBAC	57X
Triazine	114X
Quat / Iso	164X
Bronopol 10%	171X
CMB6	173X

*Products compared to Bellacide 355 had 5 to over 173 times **MORE** biofouling in the production well.*

C-ATP Activity is a reflection of biological activity. The higher number, the greater the bacteria count.

Our wide selection of biocide chemistry can be tailored for any treatment scenario.
Learn more at www.wateradditives.com

Bellacide® 355

A fast acting, broad spectrum biocide with superior activity compared to other non-oxidizing biocides. Highly effective against problematic organisms, Bellacide 355 MMC (minimum microbicidal concentration) against sulfate reducing bacteria is 10 ppm in 1 hour.

Bellacide 355 Fast acting. Long lasting.

Dose in halogenated systems	80-250 ppm
Dose in single biocide systems	250-500 ppm
Activity	5%

**A low-dose biocide that is highly synergistic with halogens.
Excellent for maintaining clean formulation water for the fracturing process.**



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