

# FATHOM XT SUBSEA226 reduced slugging, increased production 12%

A deepwater subsea field in the Gulf of Mexico, which ties back 6 miles (9.7 km) to a host facility, typically produces from two wells. After producing from only one well for a long period of time, the single well caused an increase in flowline slugging, which would occasionally shut-in the subsea field.

Baker Hughes, a GE company (BHGE), recommended a field trial of **FATHOM™ XT SUBSEA226 black oil foamer (BOF)** to mitigate flowline slugging and possibly increase well production.

The SUBSEA226 BOF reduces liquid loading in deepwater subsea wells and minimizes fluid slugging in subsea

flowlines, improving oil and gas production. This advanced chemistry increases well run times, maximizes production rates, and reduces operating expenditures in high-cost deepwater environments.

Historically, application of SUBSEA226 BOF has shown the product to be very low risk in terms of topsides carry-over or fluid separation changes. Laboratory testing resulted in a recommendation of 2,000 ppm continuous injection based on oil production. Initial field trials reduced slugging and increased well production by 12%. Because the field trial proved the application viable, the customer moved forward with a permanent application.

## Challenges

- Low total production made in a financially viable application was difficult to prove/disprove
- Long slugs were difficult to quantify

## Results

- Reduced slugging
- Increased production by 12%

[bhge.com](http://bhge.com)

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