

CASE STUDY

Maximizing Well Performance: HotSoss Proven to Outperform Traditional Hot Oil and Xylene Treatments



CHALLENGES

Traditional well treatments, such as hot oil and xylene circulation jobs are costly and result in short-lived production increases. On average, this customer was treating wells with xylene every 177 days. Even with treatment, well pumps remained coated with wax and asphaltene deposits reducing equipment life and increasing maintenance costs.

SOLUTIONS

Our proprietary three-component HotSoss solution was implemented in 2019. Over three years, this customer completed 59 HotSoss treatments on multiple well sites. To compare results, 587 Xylene treatments were completed over the same period.

RESULTS

50% Decrease in Cost Compared to Xylene

Treatment of both the lateral and tubing with HotSoss resulted in significant cost savings.

20% Longer Run-Time, Up to 40% Production Increase

Wells with HotSoss averaged treatment every 213 days compared to 177 for Xylene. This resulted sustained periods with higher production rates. Production in one well increased 6-12 bbl (1-2 m3/day).

Reduced Well Maintenance and Costs

After treatment, pumps and well components no longer experienced severe build up of wax and asphaltene reducing wear, maintenance and replacement costs.

AT A GLANCE

HotSoss treatments are a cost-effective and efficient solution for maintaining oil wells. Compared to conventional treatments (hot oiling, xylene) HotSoss increases the production rates and longevity, reduces maintenance costs, and improves overall well performance.

KEY METRICS

Cost savings of 50% compared to xylene, 13% compared to xylene/oil treatment. Does not include maintenance cost savings.



40% INCREASE
IN PRODUCTION



50% DECREASE
IN TREATMENT COST



20% INCREASE
IN WELL RUN-TIME

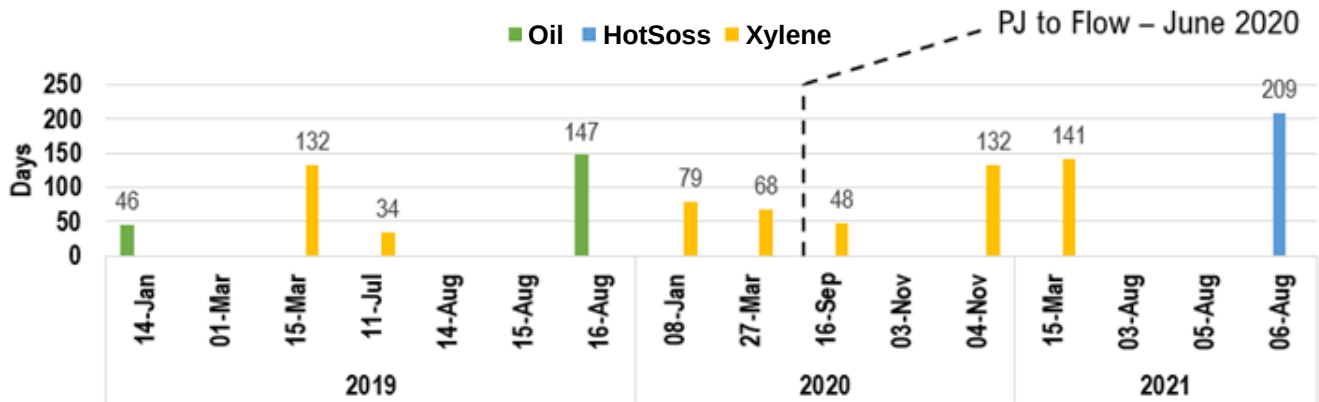
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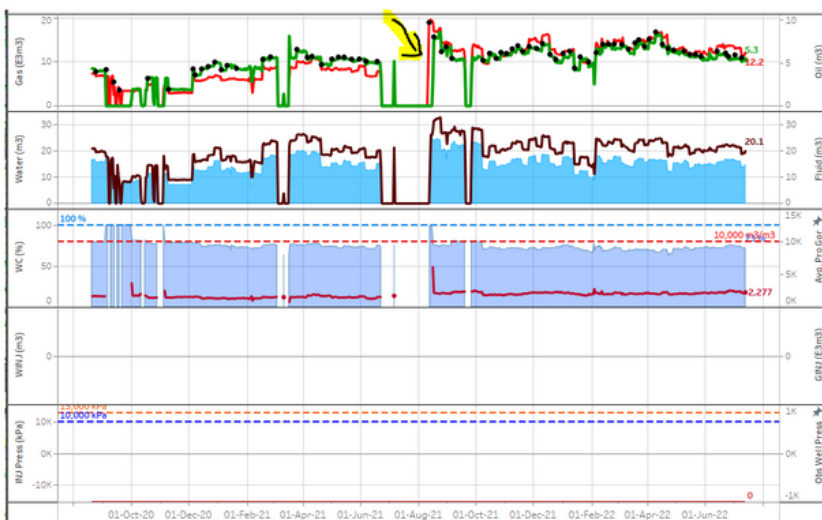
DATA

TREATMENT HISTORY FOR ONE WELL:
AVERAGE DAYS BETWEEN WORKOVERS BY FLUID TYPE



Well Treatment History: Well required frequent oil and xylene treatment prior to HotSoss treatment.

WELL PRODUCTION HISTORY:
YELLOW ARROW INDICATES HOTSOSS APPLICATION



Well Production History: Sustained well production following HotSoss treatment.

“

If you were to use all Xylene instead of Hotsoss the job would cost 50% more. For this reason when we want to treat the lateral it just makes sense to use Hotsoss.

”

Production Engineer