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## CHEMICAL STIMULATION OF HEAVY OIL WELLS

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### **ABSTRACT**

A high ratio of success has been seen in removing formation damage from older heavy oil wells using an asphaltene suspending agent in conjunction with a selective stimulation tool. Treatment involves spotting the agent at the formation face and in the immediate well bore region, allowing it to soak for a minimum of 16 hours, and then over flushing with a high volume of light crude at sub fracturing pressure. Results are shown from a number of wells from three different fields. Incremental production has been as high as 8X and has been sustained for as long as 18 months.

To order the full paper, visit <https://doi.org/10.2118/97-106>