

COMPLETIONS

# TBlockSure<sup>®</sup> PARTICULATE DIVERTING AGENT

Improving Stimulation Efficiency  
in New and Refractured Wells



**Weatherford**<sup>®</sup>



# ACHIEVE NEXT-GENERATION STIMULATION EFFICIENCY

## Data-Driven Modeling Delivers Enhanced Results and Efficiency

Inefficient reservoir stimulation can lead to wells with under-performing zones. To meet this challenge, Weatherford TBlockSure® provides a precision-fit, temporary-diverting agent that has a short-lived blocking effect for improved diversion.

TBlockSure is the industry's only diversion-service package that offers a comprehensive modeling workflow, including stimulation and production. Working with our partners, Completion Science, LLC, we formulate our proprietary cluster-optimization system to the ideal particle size, shape, and blend for your well.

Since we provide our own mixing-and-pumping equipment, diverter pills are delivered independent of the stimulation service provider in a reliable and consistent manner. Access to five manufacturing facilities across the United States provides our customers fast delivery times that ensure uninterrupted stimulation operations.

### The TBlockSure Advantage

- Provides fluid diversion for improved stimulation efficiency
- Generates network complexity in natural fractures
- Reduces or eliminates bridge plugs and mill-out time
- Degrades at a controlled rate

### Applications

- Fluid diversion during stimulation treatments
- Refracturing candidates
- Complete or partial frac-plug replacements
- Perforation squeezes and casing restrictions
- Lost circulation during wellbore cleanouts

# 83% IMPROVED INITIAL PRODUCTION

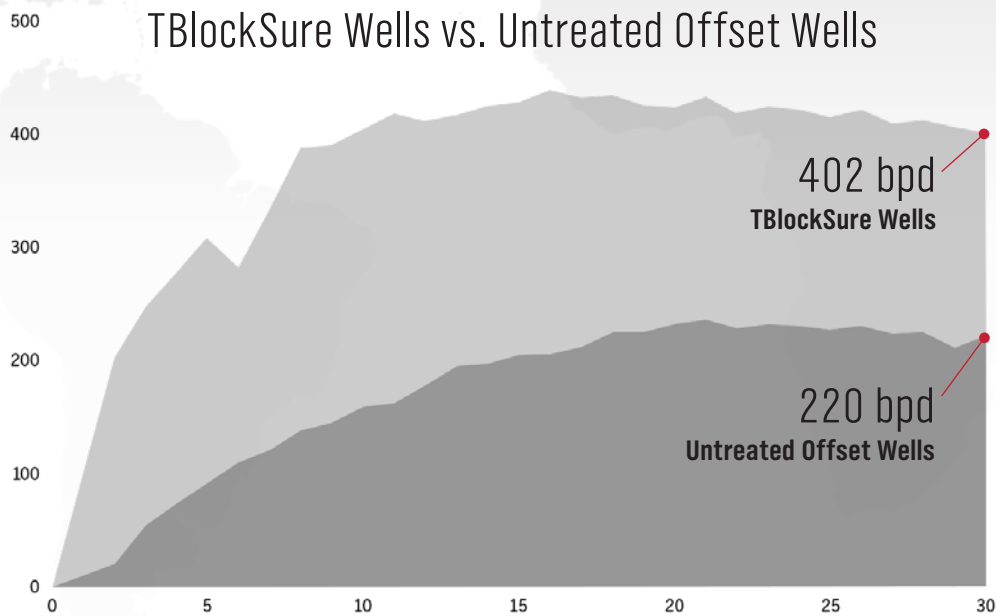
Over a 30-day period, the TBlockSure agent improved overall initial production by 83% compared to the untreated wells.

Location: **EAGLE FORD, USA**

# 1,000% BOOST IN OIL PRODUCTION

TBlockSure temporarily sealed existing high-permeability zones and enabled consistent, high-performance stimulation for increased production.

Location: **IRAQ**



## Greater Control and Flexibility

TBlockSure is composed of a degradable mesh in a wide range of standard and customized sizes that are formulated to your unique formation characteristics. This innovative approach provides a cost-effective enhancement to both sliding-sleeve and plug-and-perf stimulation. It is ideal for most wells with temperatures ranging from 75 to 310°F (24 to 154°C).

When in place, the agent creates an impermeable seal that withstands treatment pressures, and later dissolves at a predetermined time, depending on bottomhole temperatures and pH. This added range allows stimulation treatments to be diverted to under-stimulated zones for improved cluster efficiency, increased reservoir contact, and enhanced production.



## ACHIEVE NEXT-GENERATION CLUSTER EFFICIENCY

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To learn more about how the TBlockSure diverting agent can improve stimulation operations, contact your authorized Weatherford representative or visit [weatherford.com](http://weatherford.com).

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