



## Increased Production

Wells using CatChek™ technology deliver 51% higher BOE production rates at three months and an average of 42% higher over one year than wells without CatChek™.



## Sustained Performance

CatChek™ sustains improved production over time, unlike those without, which plateau or decline.



## Maximized Return on Investment

CatChek™ boosts well performance and maximizes returns, driving profitability for your operations.

## What is CatChek™

CatChek™ is a high-performance, multi-functional line of enhanced oil recovery surfactants specifically designed to optimize production in unconventional oil and gas reservoirs. In addition to its enhanced oil recovery capabilities, CatChek™ is engineered to control clay swelling and fines migration during operations, delivering increased production rates and improved efficiency throughout the life of the well.

Powered by a blend of proprietary surfactants, CatChek™ actively stabilizes the shale formation by preventing pyrite oxidation. This key action helps to reduce the risk of wellbore instability, enabling optimal well stimulation and boosts productivity.

CatChek™ enhances the hydrophobic nature of the shale matrix by retaining cations within the formation, reducing interfacial tension, and minimizing fines migration. These properties synergistically drive oil flow through the proppant pack, while simultaneously reducing unwanted water production.

Additionally, CatChek™ enhances biocide performance and mitigates scale formation by controlling iron levels, further optimizing well performance.

## How does CatChek™ work?

### ➔ Increased Oil Production

CatChek™ optimizes reservoir performance to maximize hydrocarbon recovery. It reduces water cuts and increases flow rates, helping you achieve greater production from your wells.

### ➔ Reduced Water Production

By minimizing water production, CatChek™ enhances well economics and reduces the well's environmental impact by allowing you to produce more oil with less water, improving efficiency and sustainability.

### ➔ Increased Well Productivity

CatChek™ reduces fines migration and improves formation permeability, resulting in higher well flow rates. This boosts the productivity of your wells, delivering more value per asset.

### ➔ Reduced Corrosion Rates

CatChek™ mitigates the release of ferric iron (cations) from pyrite, extending equipment life, reducing maintenance costs, and improving overall production efficiency.

### ➔ Improved Biocide Performance and Reduced Scale Formation

CatChek™ controls iron levels, ensuring optimal well performance. It enhances biocide performance and reduces scale formation, keeping your systems running smoothly and efficiently.

**CatChek™ delivers sustained improvements in well performance, reduces costs, and increases profitability. It's the ultimate solution to maximize well productivity while minimizing environmental impact.**

