

SCALEBLASTER®

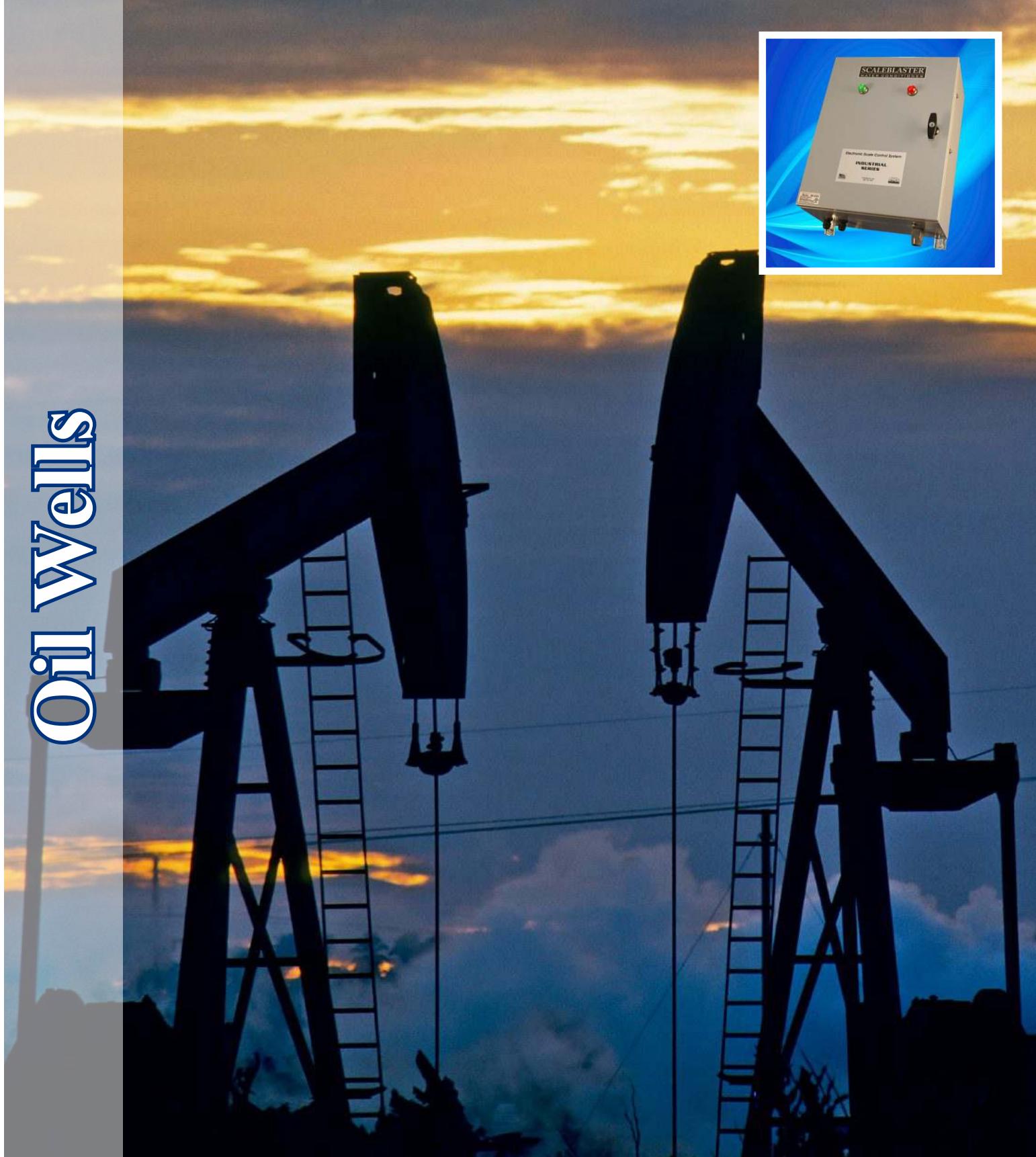
WATER CONDITIONER

Sustainable Solutions to Hard Water Problems

APPLICATIONS

CLM-540

Oil Wells



Oil Well Applications

Sourcing Water - Water used in the production of oil and gas is often locally sourced from groundwater, rivers, or lakes (both natural and artificial). Where fresh water is in high demand for other uses, water reuse and alternative water sources (e.g., brackish groundwater) are attractive options.

Transporting Water - Water is often transported by trucks, which bring water to the oil or gas well for drilling and hydraulic fracturing, and take used or produced water away for treatment, reuse, and/or disposal. In areas with many established wells, pipelines may be installed to transport water, improving efficiency and safety, and decreasing truck traffic.

Using Water - Water is used during drilling to lubricate and cool the drill and remove drilling mud and rock debris. For hydraulic fracturing operations, water is mixed with chemicals that improve its ability to create fractures in the rock, and with sand to hold the fractures open and allow oil or gas to flow into the well. Although most wells do not leak, some old or poorly constructed wells may pose a contamination risk to nearby groundwater supplies.

Prevents Limescale Formation

ScaleBlaster will modify the lime scale-forming ions so they do not adhere to each other or to surfaces anywhere in the cooling tower/HVAC system.

Condensers, Chillers, Air Handlers, Hot Water Heaters and Boilers

ScaleBlaster will control lime scale deposits on heat exchanger tubes, heat exchanger surfaces, heating coils, heating tanks, boiler fire tubes, condensation tank, pumps, pipes and valves.

Equipment that will benefit

Boilers, heat exchangers, rollers, transfer lines, pumps, valves, condensers and cooling towers will all save a ton of money by operating more efficiently with the **ScaleBlaster System**.

Energy Savings

The cleanliness of the lines and equipment affects the pumping efficiency and therefore the total cost of the energy. Less energy used in the plant means more energy that can be sold for power.