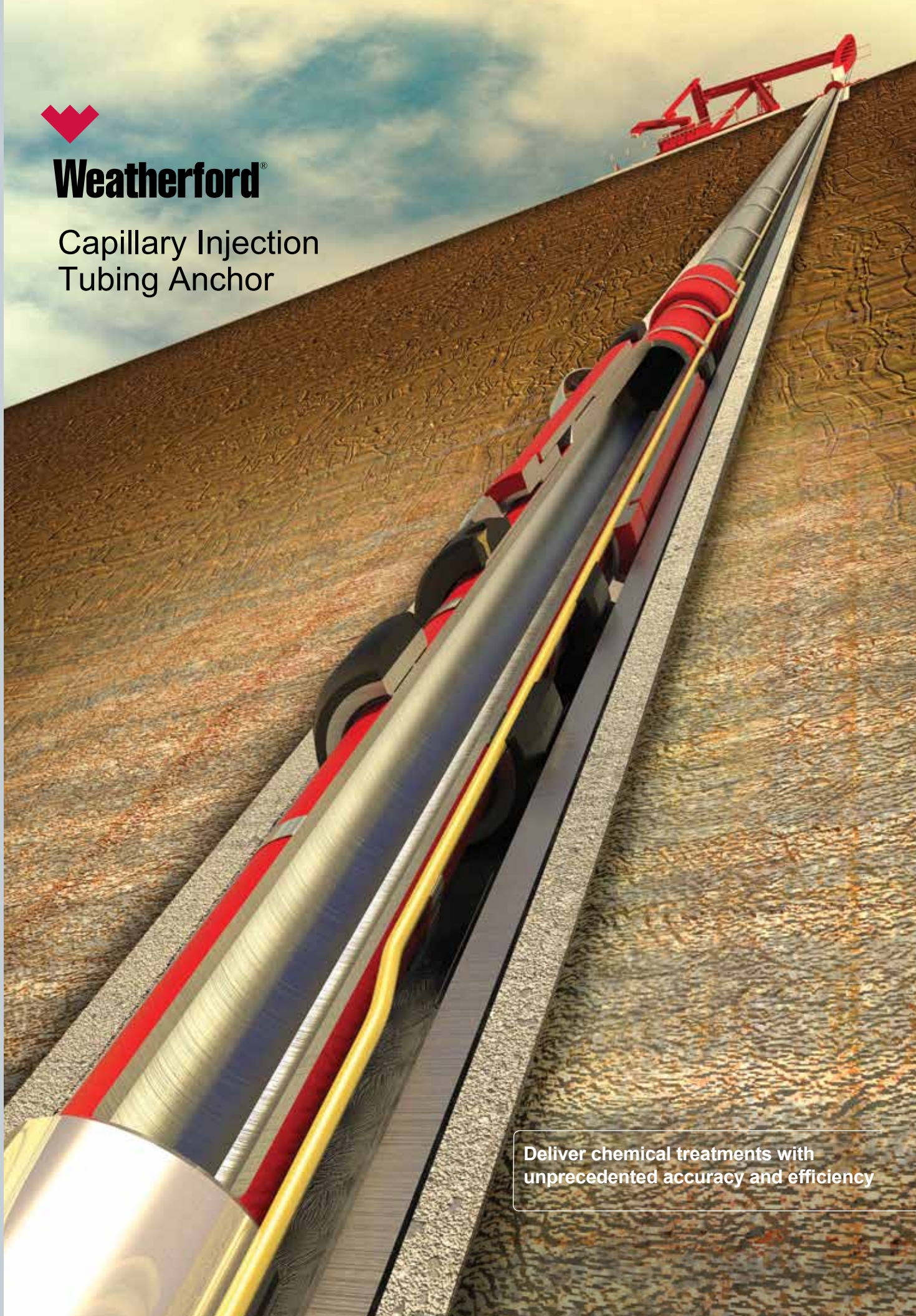




Weatherford[®]

Capillary Injection
Tubing Anchor



Deliver chemical treatments with
unprecedented accuracy and efficiency



Advanced technology to reduce treatment costs and improve production on rod-pump wells

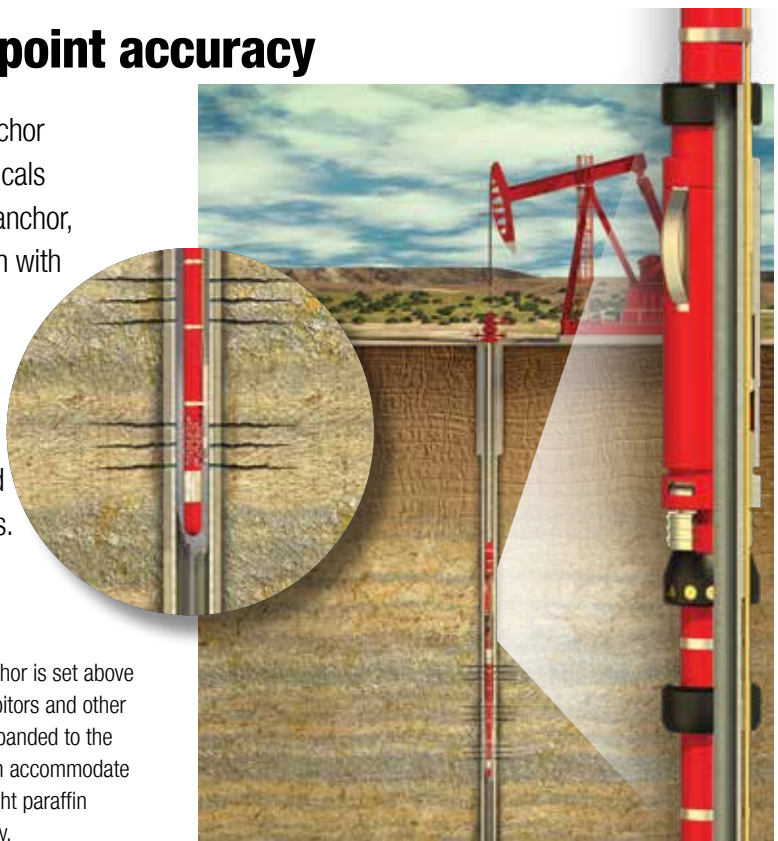
Pumping the right chemical down your well, in the exact spot and quantity needed, can significantly reduce conditions that lead to premature workovers and lost production. For you, this means reduced extraction costs and lower operating expenses.

Perhaps most important, capillary injection treatments help keep wells stable and producing, allowing you to get the payoff you expect in the time frame you expect it.

Inject chemicals with pinpoint accuracy

Weatherford's unique capillary injection tubing anchor lets you inject foamers, inhibitors and other chemicals with exceptional precision below the anchor. The anchor, which is set above the pump, works in conjunction with the capillary string to provide a chemical delivery system of unprecedented effectiveness. Designed to easily accommodate 4 1/2-, 5 1/2- and 7-in. casing, this combination of tubing anchor and capillary string enables you to precisely target and quickly treat paraffin, corrosion and scale buildups.

The Weatherford capillary tubing anchor is set above the pump and delivers foamers, inhibitors and other chemicals through a capillary string banded to the outside of the tubing. The anchor can accommodate 4 1/2-, 5 1/2- and 7-in. casing to fight paraffin corrosion and scale buildup efficiently.





Without effective treatment, flow can be constricted or halted

Traditional treatment methods, which simply apply chemicals on the back side, have a 10:1 application-to-delivery ratio, which limits the delivery and effectiveness of the treatment. Capillary systems provide a better delivery system, but they deliver chemicals above the rod-pump anchor.

Weatherford's capillary injection tubing anchor allows the capillary tubing to pass through the anchor. As a result, 100 percent of the chemicals are delivered where they are needed, so you need 30 to 40 percent less chemicals to keep your well producing at optimum levels. And, because the tubing anchor and capillary tubing work together to improve



Examples of sucker rods, eaten away by corrosion.

the chemical-treatment delivery, they help decrease operating costs and downtime by minimizing rod and tubing replacements. There is also less need for expensive, time-consuming well interventions.

Experience makes the difference

A global provider of oilfield-production technology and services, Weatherford offers expertise and services to cover every kind of well, including those with ultrahigh pressures and temperatures.

Our track record includes over 12,000 capillary installations and more than 225 combined years of experience, with an outstanding safety record that goes far beyond standard requirements. Weatherford runs blowout preventers on all capillary installations and provides climate-controlled cabins for every land installation, to ensure optimum performance in all weather conditions.

Weatherford's capillary injection tubing anchor is part of this ongoing commitment to exceptional technology and service, allowing you to treat rod-pump wells with unprecedented precision.





Capillary Injection Technology

For more information on how Weatherford capillary injection technology can reduce lifting costs and help maximize gas production in your wells, please contact us at gaswell.deliquification@weatherford.com, or visit weatherford.com.



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