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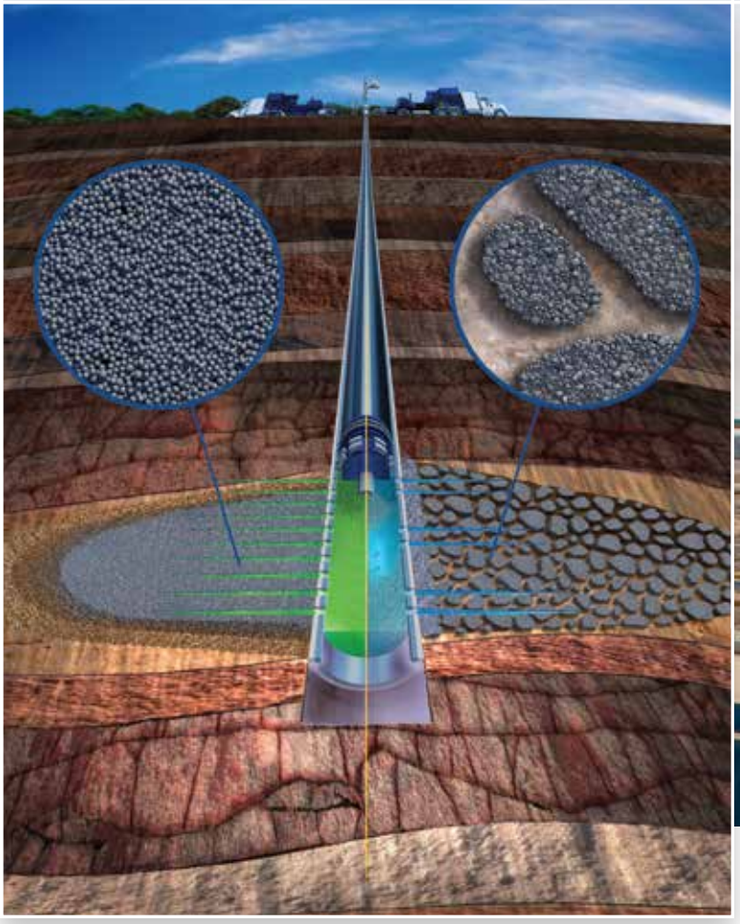

HiWAY

Flow-channel hydraulic fracturing technique

REDEFINING CONVENTIONAL HYDRAULIC FRACTURING

Think about your efforts to increase fracture productivity—enhance proppant roundness and strength, reduce gel loadings, improve gel breakers. All give you incremental production at best, and you only obtain limited proppant pack permeability and fracture conductivity.

Now think again.

The new HiWAY* technique omits proppant pack permeability altogether, mitigating limitations to fracture conductivity. It revolutionizes conventional hydraulic fracturing through the creation of open flow channels.

FLOW-CHANNEL CREATION

In a unique combination of placement and materials engineering, this technique creates a complex fracture network of channels within the fracture. Instead of flowing through the proppant pack, hydrocarbons flow around proppant pillars. Instead of depending on proppant pack permeability, you experience infinite conductivity.

INFINITE CONDUCTIVITY

With nothing stopping them, hydrocarbons flow through the infinitely conductive channels all the way from the tip of the fracture to the wellbore. Your frac job gets longer effective fracture half-length, better fluid and polymer recovery, and increased production and ultimate recovery.

Combining placement and materials engineering allows HiWAY channel fracturing to create complex fracture networks.

HiWAY

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