

RapidMATRIX™

Packers Plus Matrix Acidizing System Allows Fracturing Options

RapidMATRIX Stimulation systems from Packers Plus were developed specifically for open hole stimulation of Carbonate reservoirs. This innovative, field proven system greatly increases the effectiveness of acidizing and fracturing operations by producing a distributed placement of stimulation fluids throughout the horizontal leg. In addition, the system produced **mechanical isolation** to guarantee precision placement of stimulation fluids to produce optimal stimulation design and maximum production results. The Packers Plus RapidMATRIX system provides fast, safe and efficient operations and can be combined with Schlumberger's advanced stimulation fluids to produce, greater effective conductivity throughout the entire horizontal leg.

Open hole stimulation

The RapidMATRIX stimulation system sets up isolation points in the well using the field proven RockSeal II open hole packer. With successful field applications up to 200 degC (390 degF) and beyond, the RockSeal provides excellent performance under both matrix and fracture pressure differentials. The elimination of cementing requirements mean that natural fractures are undamaged and easily stimulated during pumping operations.

Efficient and Safe operations

The RapidMATRIX stimulation system is typically installed in a single well operation. Once installed, stimulation

fluids placement is normally performed in a single continuous pumping operation, providing excellent efficiency. In addition, there are no rig requirements while the job is being pumped.

Immediate Flowback

Following pumping operations, stimulation fluids can be immediately flowed back to maximize load recovery while minimizing the time required for clean-up, and effectively reducing retained water in the formation. The RapidMATRIX system also provides enhanced benefits when using nitrogen or CO2 to increase and speed load recover.

Combined Matrix / Fracturing Operations

The RapidMATRIX system can be run in combination the Packers Plus FocusFRAC™ or StackFRAC™ placement systems to **allow both matrix and fracturing operations during the same pumping operations.** This allows for stimulation of natural fractures in the reservoir, the matrix structure, and can also produce full fracture extension at chosen points in the well, to maximize inflow from the lateral while optimizing reservoir production.

Extended Reach wells

Stimulation of open hole sections of extended reach wells can be performed using the RapidMATRIX system, greatly enhancing drilling options, and reducing the number of horizontal wells required in a given field.

Applications

- Horizontal wells
- Matrix stimulation
- Open hole or cased hole wellbores
- Fracturing Operations
- Combined with Schlumberger Self-Diverting Acid systems
- Carbonate or naturally fractured formations
- Extended reach horizontal wells

Benefits

- Simplified pumping operations
- Improved production Results
- Reduced completion time
- Improved access to natural fractures
- Full coverage in extended reach horizontal well applications

Features

- Proven isolation in open hole using Rockseal packers
- FocusFrac™ incorporation options
- Reduced installation time
- Available trip for HPHT and Critical Sour applications

