



ADVANTAGES

- Creates satisfactory conductivity in low-permeability reservoirs
- Allows good cleaning and good conductivity
- Generally uses fewer additives than linear and cross-linked systems
- Reduces pressure treatment significantly
- Friction reducers can achieve similar to guar gum viscosity levels

Slifrac®

The main objective of this system is to create adequate fracture geometry in very low-permeability formations using a water-based design that does not require the use of many additives.

The Slifrac® system generally comprises injecting friction reducers, such as a polyacrylamide. Friction reducers increase the delivery speed of the slurry. Bromine and other biocides are added to prevent organisms from clogging the fissures and reducing the walls in the downhole and surfactants will aid to sustain the sand in the fluid.

PROPERTIES:

Slifrac® fracturing fluid can lower the surface pumping pressure below that achieved with the traditional cross-linked fracturing fluid. This fluid also demonstrates a relatively low viscosity during fracture extension, which would significantly reduce the gel damage and easier to flow back.

This viscosity reducer can be used in high loads of fluid for higher viscosity and it can achieve similar viscosity as with conventional polymers.

The friction reducer concentrations normally range from 0.25 to 1 gpt. If it needs to be use linear applications the ranging is from 4.0-12 gel gpt.It is applicable for temperatures up to 250 ° F.

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