

AquaLinear™ AGS Service

OPTIMIZING DIVERSION

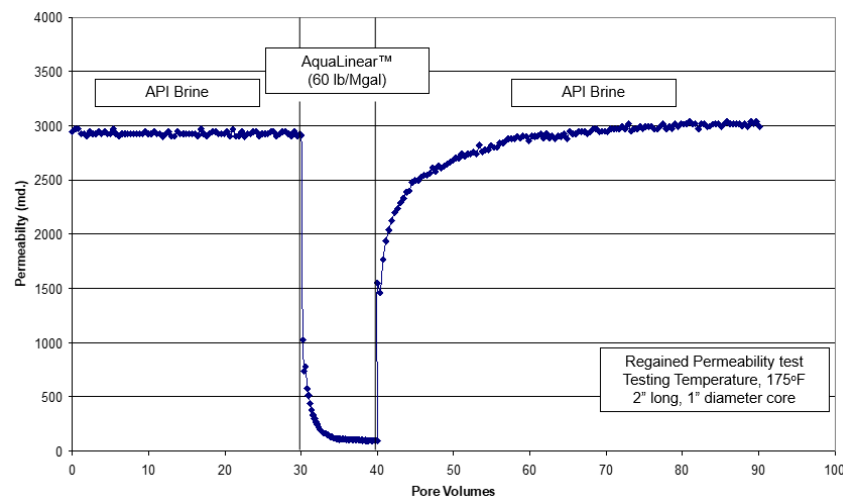
DURING ACID STIMULATION TREATMENTS

OVERVIEW

Effective diversion in acidizing treatments is needed for challenging conditions such as high permeability contrasts and/or long intervals. AquaLinear™ AGS service can help improve acid coverage of stimulation treatments in sandstone and carbonate reservoirs. Main acid and AquaLinear are pumped in alternating stages.

AquaLinear is based on a shear-thinning linear gel fluid system that enables acid diversion from high permeability to low permeability zones. Once the stimulation treatment is completed, excellent regained permeability is achieved via internal breakers.

AquaLinear allows for a simple mixing procedure and rapid viscosity development (fast hydration) on surface. It is compatible with a wide range of brines, including fresh water, potassium chloride, and calcium chloride brines. AquaLinear is available as a powdered gelling agent or as a liquid-gel concentrate (LGC). It can be used in conditions up to 300°F BHT.



AquaLinear™ AGS service provides excellent regained permeability after breaking

APPLICATIONS

- » Effectively diverts acid stimulation treatments from high permeability to low permeability zones
- » Applicable to sandstone and carbonate acidizing
- » Applicable in production and injection wells

BENEFITS

- » Non-damaging to the reservoir. Excellent regain permeability properties
- » Shear-thinning rheology
- » Provides leak off control
- » Friction pressure reduction



AquaLinear™ AGS service is based on a shear-thinning linear gel fluid system

For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com

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