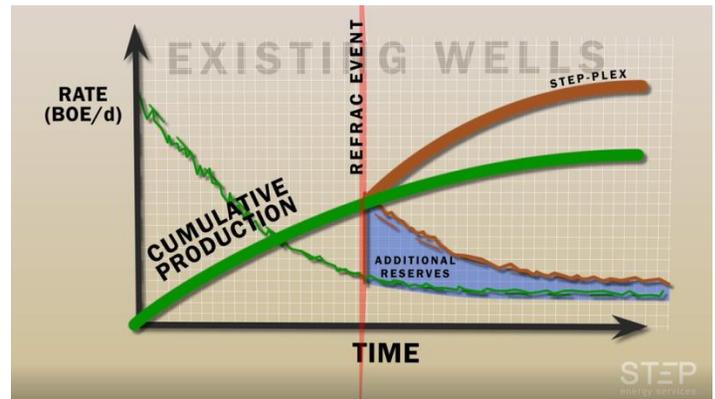
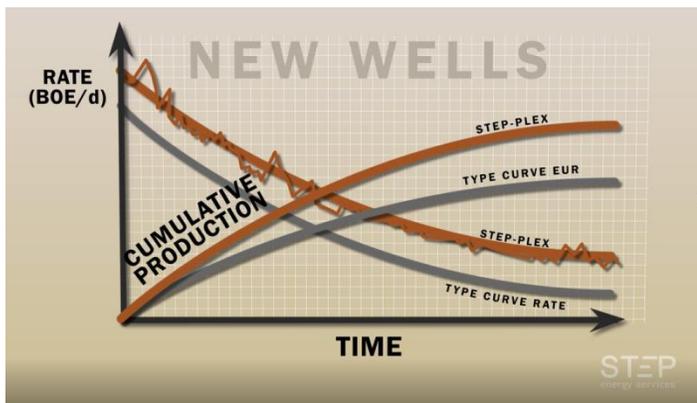


**Customized complexity –  
diverting agents as unique as your well**

Conventional methods of fracturing rely on rock stresses to indicate where the rock breaks. This can lead to over stimulation of a single fracture and poor stimulated rock volume. Diverting agents are used to isolate dominate flow areas of the wellbore and redirect the proppant and fracture fluids to new sections of the reservoir. This method of fracturing increases fracture complexity resulting in improved production performance.

In addition to the development of new wells, many producers have found value in the remediation and revitalization of existing wells. Refracturing technology has changed significantly with the trend moving towards more proppant and tighter fracture spacing to maximize stimulated rock volume, estimated ultimate recovery, and improve project economics.

STEP-PLEX™ is a unique multi-modal diverting technology that has been developed for refracturing, intra stage diversion, far field diversion, wellbore rescues, and temporary wellbore integrity remediation. It combines a number of environmentally friendly, slow degrading solids used as temporary blocking agents for fluid loss prevention, bridging, loss circulation prevention, conductivity improvement and fracture fluid diverting. STEP-PLEX™ is uniquely customised depending on the desired application, time and temperature. The rate of degradation can be controlled from hours to weeks depending on the product, particulate size and down-hole conditions.





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### **What can STEP-PLEX do for you?**

- Increase near wellbore fracture initiation
- Increase far field fracture complexity
- Increase perforation efficiency by breaking down more clusters
- Control dominate fracture growth allowing operators to place more proppant per lateral meter (open hole and plug and perf)
- Block depleted fractures before refracturing
- Prevent offset pressure communication
- Block large natural fractures which communicate to offset wells
- Increase fluid efficiency by preventing pressure losses

### **Operational Benefits**

- Degrade leaving no damage to the formation
- Environmentally friendly
- Excellent bridging agent, forms a very stable bridge up to 10mm
- Particle size distribution is optimized based on fracture geometry testing
- Compatible with aqueous and hydrocarbon fluid systems
- Custom dissolution times based on application.

Based on a thorough investigation of the completion history, reservoir characteristics and field samples, STEP's expert engineering team can customize a fracturing treatment schedule to increase stimulated rock volume with far-field or near wellbore diverting material.