

**Subject:** Trans-Pecos SPE Monthly Meeting  
**Location:** 1400 North FM 1788 Midland, TX 79706  
UTPB CEED building just north of the airport  
**Start:** Monday 02/18/2009 11:30 AM



## **Chemical Conformance Treatments for Injection and Production Wells**

The production of unwanted fluids (either water or gas) and poor injection profiles are major problems in hydrocarbon fields throughout the world. Undesirable effects on surface and subsurface equipment, the cost of handling water, and bypassed reserves due to poor injection profiles all reduce profitability of a field. Numerous techniques and chemicals have been used down through the years to combat all of these problems. This talk will address the major chemical methods currently used to combat these problems, with a focus on sealants, disproportionate permeability modifiers and swellable polymers.

### **Bio**



Larry Eoff is a research and development chemist for Halliburton Energy Services in conformance technology. He obtained a bachelors degree from the University of Central Arkansas and a PhD from the University of Arkansas. He has been with Halliburton for 18 years and has worked in cement product development as well as in conformance. In addition, he spent 2 years with Baker Performance Chemicals in Houston, Texas.

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