

## **Refracturing - Capturing New Production with New Technology**

**Mark Parker**

*Halliburton*

### **Abstract**

Industry studies have shown that typically 30% of the wellbore is contributing 75% of total production due to inefficient primary stimulation of horizontal wells. Typical recovery factors are lower than 10% in Shale/Tight Formations. Together, that indicates a lot of bypassed reserves. Bypassed reserves can be economically recovered with ReFracs whether from a single well, from pad locations or leveraging field development. Improving production through refracturing can provide for a balanced production portfolio.

Success for refracturing will depend on Candidate Selection to identify the best wells considering the production potential, the original completion, and the wellbore. Engineered frac design will be critical for contacting the bypassed reserves. Proper execution will focus on placing the fractures in the area of highest potential. Finally, evaluation technology will focus on determining success and providing insight for improved execution on the next frac.