**Case History**

**Reservoir Optimization**

**PosiFrac® Multi-stage Straddle System**

**Open Hole Hydraulic Fracturing**

Coal bed methane well required hydraulic proppant fracturing of multiple beds

**Location:** Alabama

**Challenges:** A 3,300’, 6 ¼” open hole vertical coal bed methane well required multiple hydraulic frac treatments.

**Solution:** A hydraulic frac treatment of 20,000 gallons of slick water and 50,000# of sand was placed. The straddle was moved to the next coal seam and the frac treatment repeated. A total of three treatments were achieved.

**Results and Benefit:** Due to borehole instability, the well could not be maintained on production without being cased.