An operator was using soap injection to produce a well in the Woodford Shale. The production levels were inconsistent and the gas production would have eventually decreased to zero Mcfd. The well was producing:

- 24 Bbls of water
- 500 Mcfd of gas

**Challenge**

**Solution**

To achieve better, more consistent results, the operator contacted PCS Ferguson to install a plunger lift system.

PCS Ferguson installed a plunger lift system with a two-piece plunger that consisted of a 9” sleeve and a Tungsten ball.

**Results**

The production increased to consistent levels. In addition, the need for soap injection was completely eliminated, saving the operator from high chemical costs.

- **Gas Production**
  - Increased by 30%
- **Water Production**
  - Increased by 67%