Overview of Work and Testimony

- Developed model to determine flow rates and cumulative discharge based on
  - BOP pressure data throughout much of the response
  - Pressures and flow rates measured by BP during and just before shut-in
  - Principles of fluid dynamics

- Validated model

- Quantified uncertainties

- Responded to BP criticisms

- Concluded that total discharge was 5.0 million barrels
  - 63,000 BOPD at time of blowout
  - 55,000 BOPD just before installation of capping stack