Overview of Methodology

- Developed model based on principles of fluid dynamics
  - Conservation of mass
  - Well-established relationships between flow rate and pressure drop

- Determined parameters relating flow rate to pressure drop using actual data
  - BOP and capping-stack pressures measured during shut-in
  - Measured pressures and flow rates during oil collection

- Used model to calculate flow rates and cumulative discharge based on differences between reservoir and BOP pressures measured over the 86 days of flow