

Validation of Methodology, Model and Results

- **PI is consistent with BP values used during response**
- **Predicted flow rates of collected oil agree with measured values to within 1.7%**
- **Flow rates computed using BOP, capping stack, and ambient pressures agree within 3% for all 15 choke positions during shut-in**
- **Derived expressions for discharge coefficients in terms of classical two-phase models (Appendix C)**
- **Good agreement between calculated and measured BOP and capping stack pressures during shut-in (within 90 or 120 psi)**
- **Comparison with “industry-standard” model**
- **Comparison of “best estimate” with calculations using alternate methodologies and pressure differences**