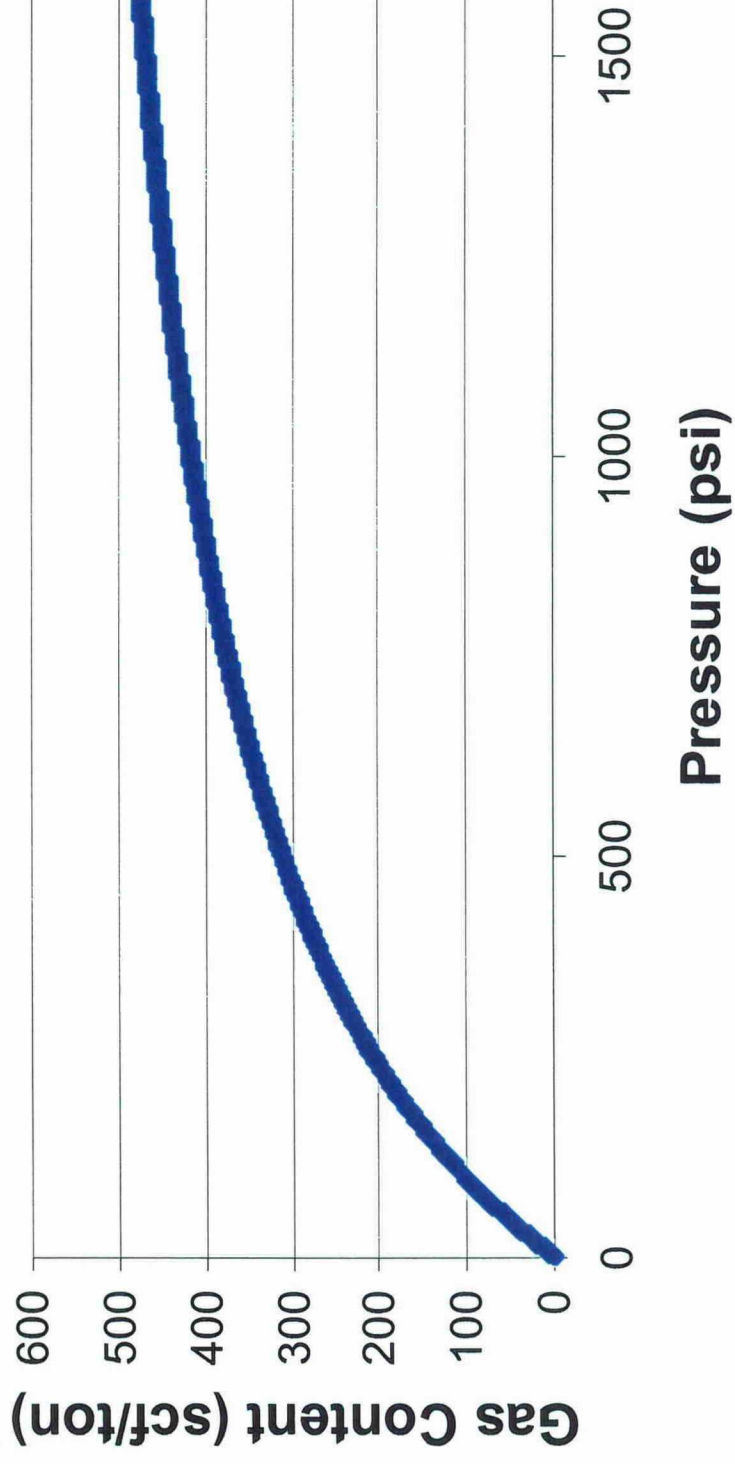


Fruitland Coal Infill De Novo Hearing HPA Geology and Engineering

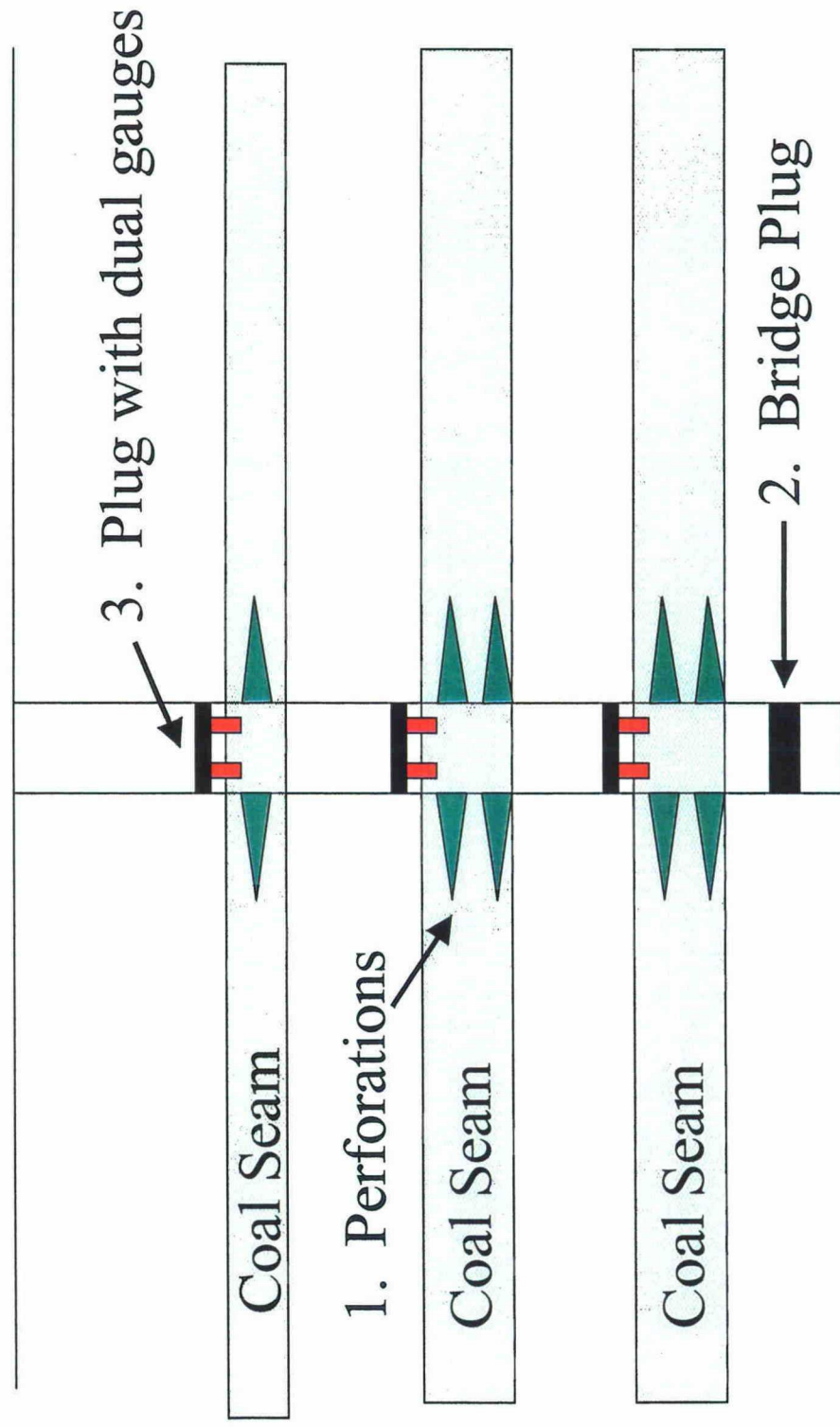
Supplemental Exhibits

Gas Content vs. Pressure

HPA Isotherm



Testing Procedure and Schematic



Recovery Estimate

(Data Management Method)

- Nine wells are in approximate infill locations
- Seven of the nine wells (78%) have at least one zone that is less than 30% depleted
- The average well will have 9' of this type of non-depleted coal (total of 81' of coal)
- The thickness-weighted average recovery factor is 18% after 15 years of production
- Matching the recovery factor to date by infilling will produce approximately 4500 MMcf of gas, or 500 MMcf/well
- Across the HPA, this results in an additional recovery of approximately 200 BCF from these zones alone