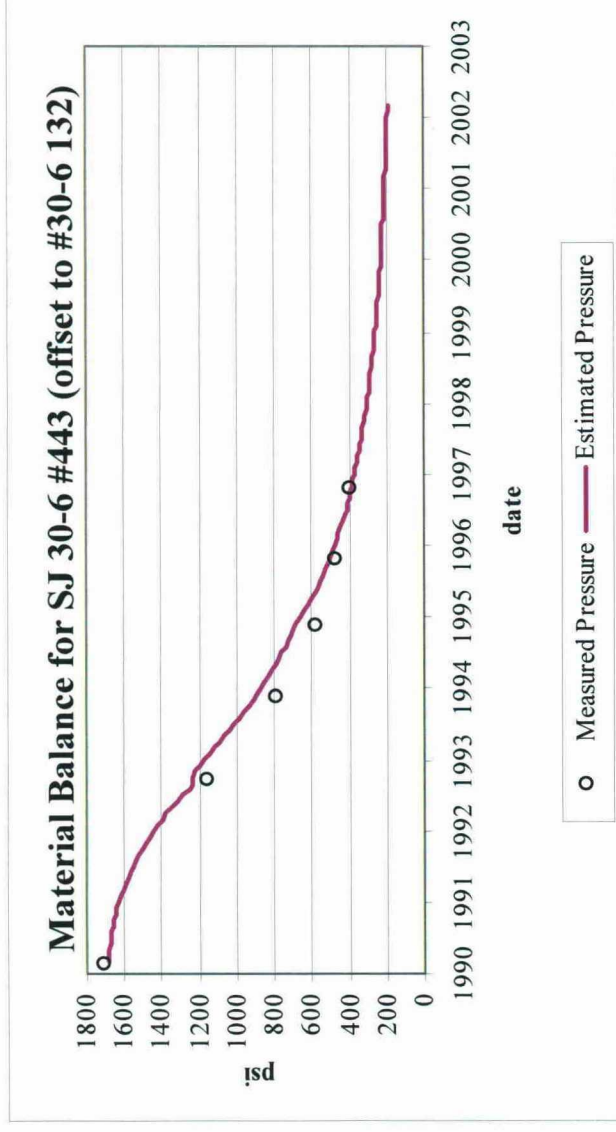


Material Balance

Using Composite Pressure vs Layered Pressure



- Composite pressure data is matched with an original gas volume equivalent to a single 18' layer.
- Log indicate 45' of coal are present at this location
- Disconnect exists between material balance and volumetric gas-in-place estimates.
- Using material balance with composite pressures can grossly overestimate recovery factor (by under predicting gas-in-place)