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Gas in Place Estimates are Conservative

- discussed earlier Uses Low Side Gas Content from Composite As Received Isotherms as
- Based on density cut-off of 2.0 g/cc
- Low quality coals above 2.0 g/cc hold gas<sup>3,4,5</sup>
- Current isotherm data based on pure methane
- Produced gas from Pilot Project Area composed of methane, carbon dioxide, ethane, propane and other 'heavies
- Other components have higher sorption affinity than methane
- Isotherms based on pure methane are conservative (next graph)
- Gas in place estimates based on 0.4 psi per foot initial reservoir pressure
- Actual original pressures could be higher
- Pressure gradients above 0.4 psi per foot have been documented in parts of the San Juan Basin<sup>b</sup>

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