

SPE 100207

**The Relative Importance of
Wellbore Pressure Drop and
Formation Damage in
Horizontal Wells**

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Background

- Previous studies have identified particular conditions for which wellbore pressure drop effects are important.
- In some cases, pressure drop will restrict, limit, or even eliminate well flow rate at the surface.
- No quantitative general guidelines have been developed to aid well performance prediction

Background

- Difference between vertical and horizontal /multilateral wells: complex trajectory of wellbore

