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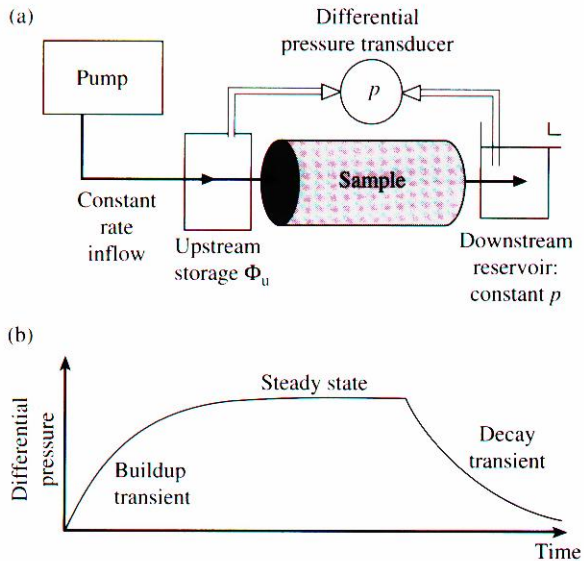
## *Parameter Identification within a Porous Medium using Genetic Algorithms*

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**FIGURE 17.4**

(a) Schematic representation of the pump-flow experiment designed by Clennell [19], and (b) a typical differential pressure response within the sample during a pump-flow experiment. This type of experimental setup is used throughout this chapter.