

Assessment of well-to-well interference is critical for optimizing well spacing.

Maximizing return on investment depends on optimal selection of well spacing. Using the Devon Quantification of Interference (DQI) method, we can interpret interference tests to estimate fracture conductivity between wells and quantify the degree of production interference. Also, because the DQI method accounts for the balance between reservoir permeability and fracture conductivity, it can be used to perform rapid sensitivity analysis on the effect of spacing. In addition, the Chow Pressure Group (CPG) approach can be used to qualitatively measure interference.

Key features



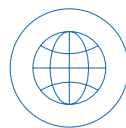
Advanced Analysis Techniques

Use the DQI method to estimate fracture conductivity and degree of production interference from each test.



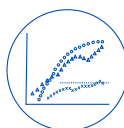
Arbitrary Gun Barrel Configurations

Using the generalized DQI method, quantify the degree of interference for arbitrary gun-barrel configurations and account for fracture heterogeneity.



Web-based user-interface

Built-in help content and straightforward user-interface allows you to set up an analysis in minutes. Web-based, so you can avoid asking IT to do a local installation. Analyses can be saved, imported, and exported.



Chow Pressure Group

The tool also provides an option to plot the Chow Pressure Group (CPG) metric, as an additional way of quantifying interference.