

Abstract :

Here, we show the contribution of the seismic anisotropy in the characterization of natural and hydraulic fractures of the Lower Barnett shale gas reservoirs. Data of the sonic scanner tool recorded in a horizontal well drilled in the Lower Barnett shale gas reservoir located in the Ft Worth Basin (USA) are used. Results interpretation show that the seismic anisotropy is able to detect only some natural fractures azimuths.