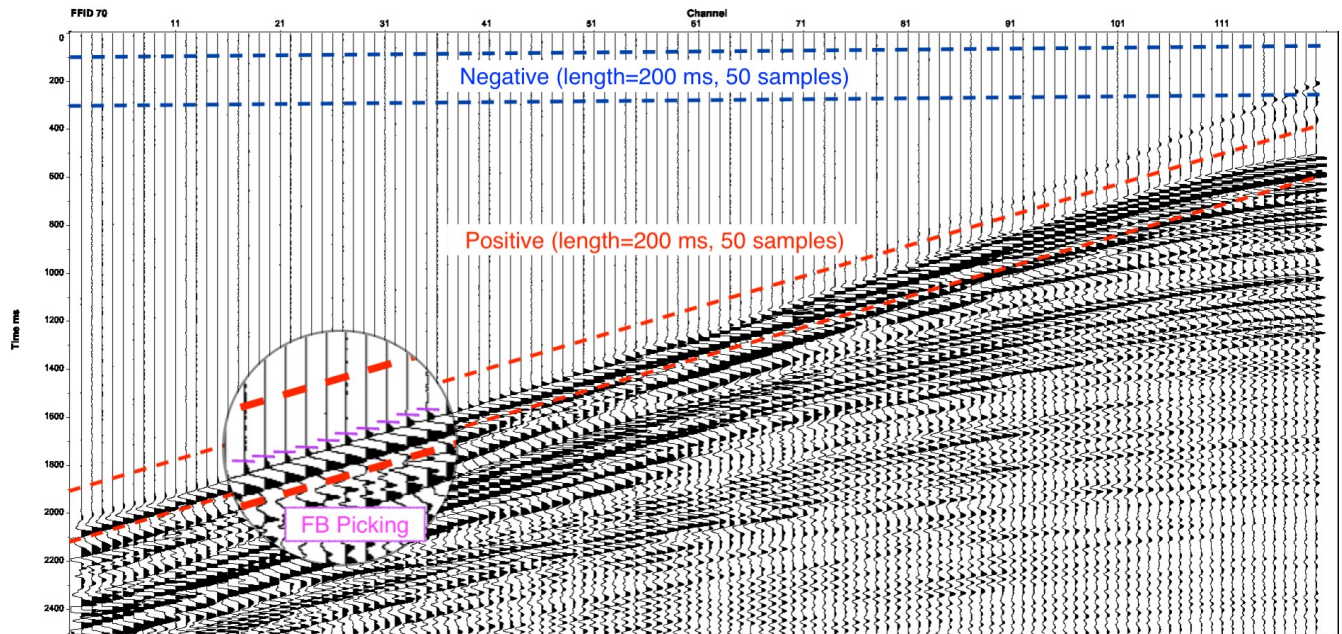# Dataset

The dark lines represent the seismic traces in one shot gather. The waveform between the red dashed lines is regarded as the "positive" data and contains the first breaks, and the waveform between the blue dashed lines is regarded as the "negative" data which only contains background noise. Each piece of data in the "positive" and "negative" groups has a length of 200ms and contains 50 sample points (sampling rate = 4ms). The purple lines in the circle denote the arrival time of first breaks.

The "positive" data and "negative" data generated from same shot gather but separately places in the "positive" folder and "negative" folder.