Modeling of Cross-well Survey
This slide gives the three wells locations, velocity and layers T0 time on each well. The shots and geophones should be placed between the blue line and the pink line. May be some can be a little above the blue line or below the pink line.

Cross-well sounding modeling example

(1) K71-N59 K71-86 K71-108

(2) K71-N59 K71-86 K71-108

ΔZ=446.88m ΔZ=410.186m ΔZ=419.838m

(3) K71-N59 K71-86 K71-108

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Model ThreeW-11
Z comp.
\( T = 1000 \text{ ms} \)

- Down-going wave
- Wave, reflected from the lower boundary

\( T = 1500 \text{ ms} \)

- Reflected converted wave
- Transmitted converted waves

\( T = 1800 \text{ ms} \)

- Wave, reflected from the upper boundary

End of Presentation