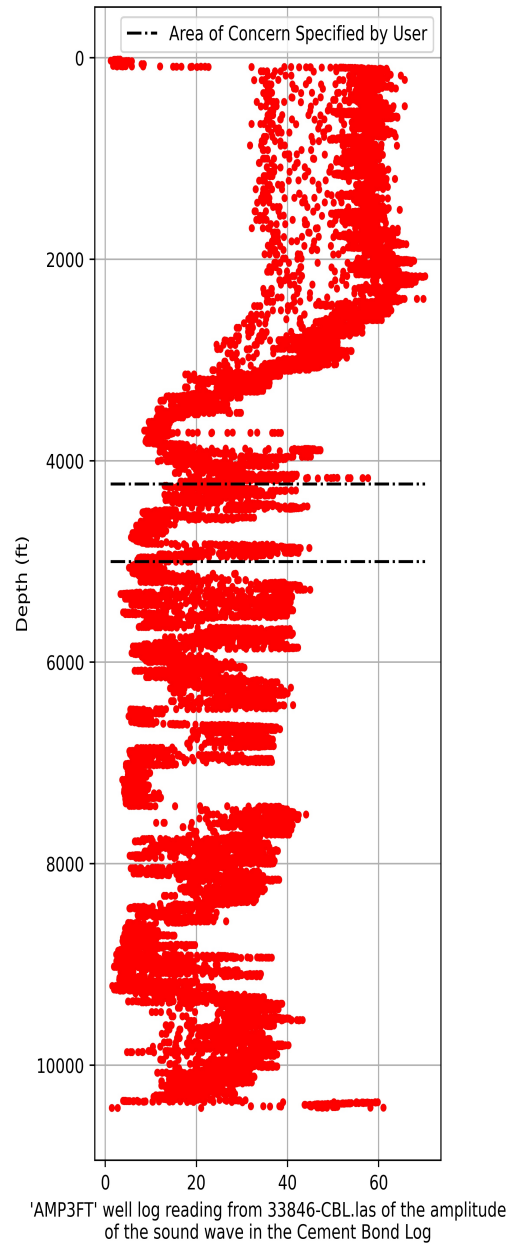
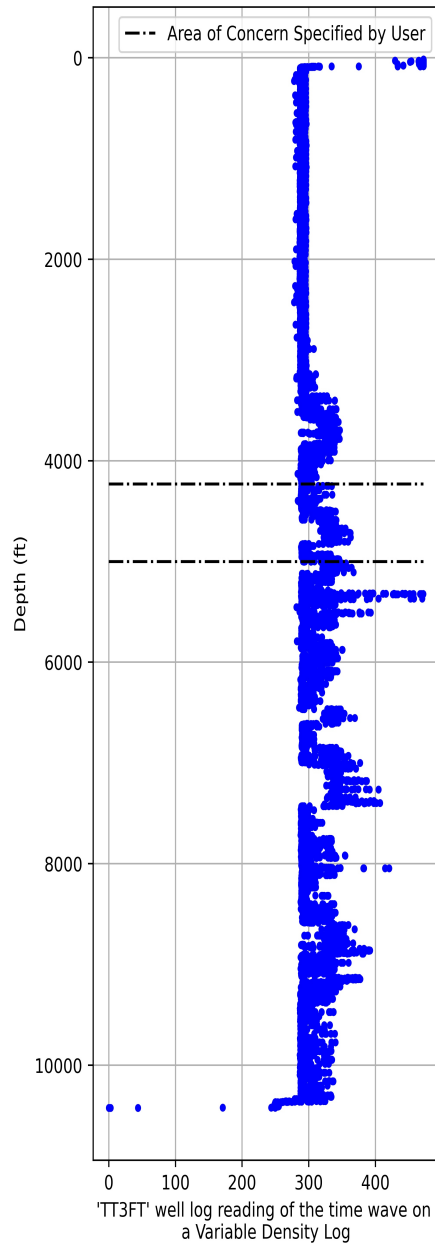


# Cement Bond Log Report for 33847-CBL.las

This is the time of return for the transmission  
on 33846-CBL.las

This is the sound wave amplitude  
of 33846-CBL.las



## Well Logger Notes:

bad cement

The area of concern for casing inspection ranges from 4230 - 5000 feet.

For the area of concern specified, the average time in usec is 337.0 with a standard deviation of 22.0.

In contrast, the average time of return for the entire length of the well log is 331.0.

For the area of concern specified, the average amplitude in mV is 15.0 with a standard deviation of 10.0.

In contrast, the average amplitude for the entire well log is 22.0.

## Key:

High amplitudes indicate poor bonding or an absence of cement behind the casing. The opposite indicates the presence of cement.

Longer return travel times indicate a signal coming from the formation wall, indicating good cement bonding. The opposite means there is likely poor bonding or no cement present.