

The objective of this study is to determine cycles pattern in the middle Ordovician period Trenton - Point Pleasant Formations from a recently drilled vertical core. Through core analysis, and petrographic analysis, facies and facies cycles will be identified and compared to the sea level changes. From a result, indicate the deposition of the Trenton - Point Pleasant Formation from seal level changes which is a transition going from the shallow to deeper water in which the cycles will form and it is increasing in the sea level.