Search for Electroweak Production of the Top Quark in the Muon+Jets Channel at DØ DAEKWANG KAU, Florida State University, DZERO COLLABORATION — Protons and antiprotons are collided in Run II of the Fermilab Tevatron at a center of mass energy of 1.96 TeV. We present results of a search for single top quark production in these collisions using a dataset of approximately 230 pb$^{-1}$ collected with the DØ detector. This analysis considers the muon+jets final state and makes use of secondary-vertex tagging to identify jets originating from $b$ quarks as well as neural networks to further separate the expected signals from backgrounds.