

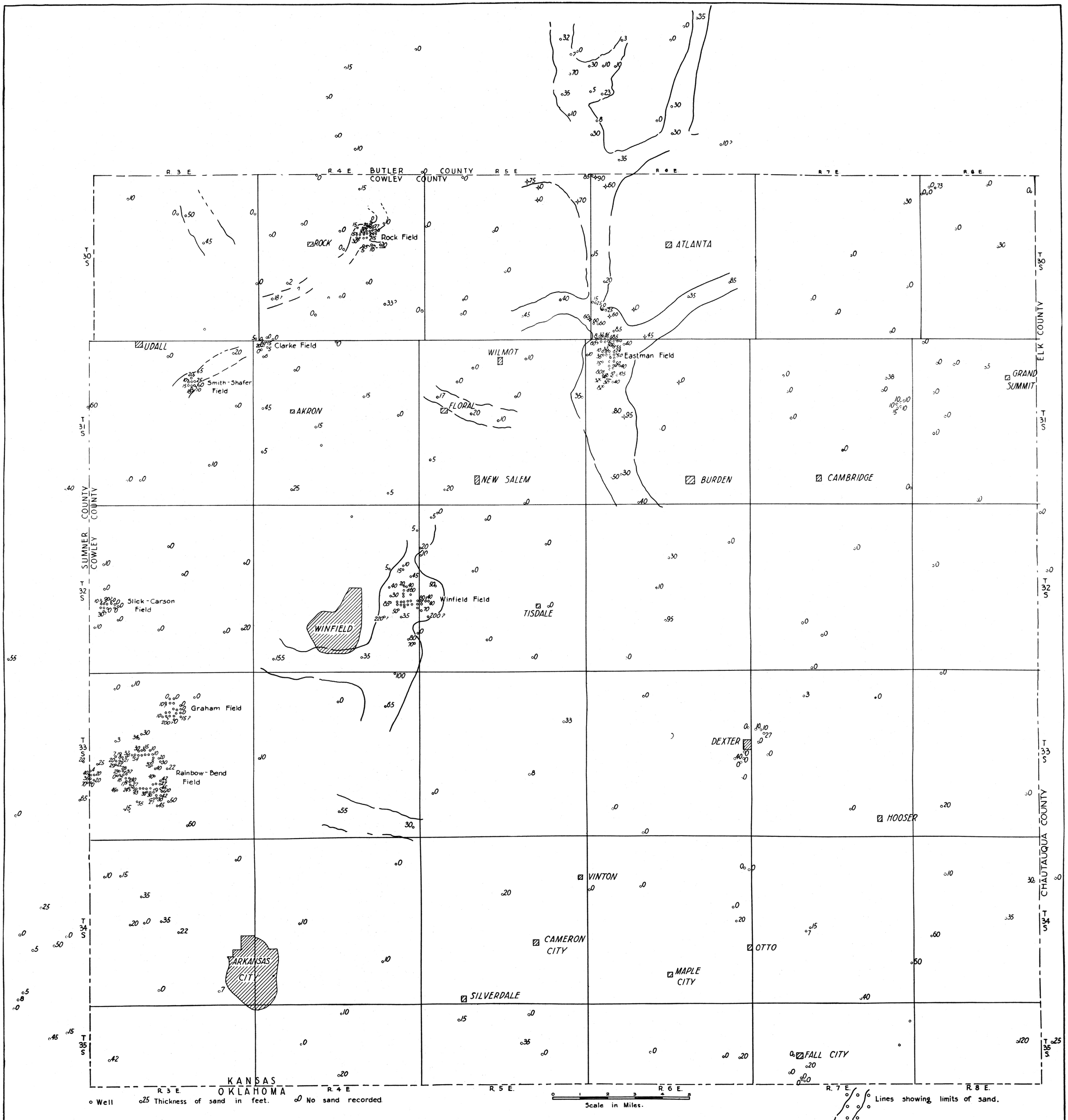


PLATE X.—Sketch map showing distribution and thickness of sand at "the Bartlesville horizon" in Cowley county.