



*Plate 5* Exactly the same conditions as Plate 4, but with 3 mgm stylus. This shows the path of the stylus (upper half of picture) to be in "opposite phase" to record groove. This fact (that the stylus goes left where the groove goes right and vice versa) means that not only is the originally recorded modulation completely obliterated in the path of the stylus, but that the pick-up has implanted its own distorted oscillations thereon! (See pp. 11, 31 and 39.)