



The spike in production following microbial system [MS] injection is attributed to biosurfactants produced during final grow-up of the MS slug (± 20 mt) which took place at the Pławowice oil field. Injector problems account for the subsequent downturn. Production then trends sharply upwards once the injected MS becomes established in the formation and begins migrating towards the production wells. Microbial breakout of the injected MS organisms at Pt-159 was observed in the 20th month. Approximately 160 mt of augmented nutrients were periodically injected during the 36 months of Phase I.