$(M, s_1) \models K_1((a \wedge b))$ iff $(M, t) \models (a \wedge b)$ for all t with $(s1, t) \in R_1$.

$(M, s_2) \models (a \wedge b)$ iff $(M, s_2) \models a$ and $(M, s_2) \models b$.

$(M, s_2) \models a$ iff $\pi(s_2)(a) = 1$.

$(M, s_2) \models a$ holds since $\pi(s_2)(a) = 1$.