Let $K$ be a curve lying on the boundary of the genus 2 handlebody $H$ and denote by $H[K]$ the manifold obtained by adding a 2-handle to $H$ along $K$. We call $K$ primitive with respect to $H$ if $H[K]$ is a solid torus and Seifert with respect to $H$ if $H[K]$ is a Seifert fiber space. Now let $K$ be a knot lying in a genus 2 Heegaard surface $F$ of $S^3$, with $F$ bounding the handlebodies $H$ and $H'$. We call $K$ a Dean knot if it is primitive with respect to $H$ and Seifert with respect to $H'$. In this talk, we will discuss some properties of Dean knots. (Received July 18, 2008)