METHOD FOR FORMING A CERAMIC MATRIX COMPOSITE COMPONENT

ABSTRACT

A method of forming a ceramic matrix composite (CMC) component includes providing a ceramic structure defining at least one wall where the at least one wall includes one or more bores extending through the wall. At least one bore of the one or more bores has an inlet end proximate a first side of the wall and an outlet end proximate a second side of the wall. One or more CMC plies are disposed on at least a portion of the second side to cover the outlet end. The one or more CMC plies are densified and bonded to the ceramic structure. An environmental barrier coating is applied on at least a portion of the one or more CMC plies covering the outlet end of the at least one bore.

[Figure 1]