

Cut a piece of mesquite roughly 6 inches tall by 6 inches in diameter. This piece has yellow sapwood around reddish heartwood.



Use the lathe to rough turn the shape.





Use a 24 mm forstner bit to drill a hole to depth to be hollowed.



These are the lathe tools used to hollow the piece.





The curved tool mounted on hollowing system. Curved tools are used to hollow up under the top.



The camera-based hollowing system uses a camera mounted above the hollowing tool.





The camera-based system shows the tip of the hollowing tool inside the piece being hollowed. This facilitates hollowing to uniform wall thickness of a desired thickness.

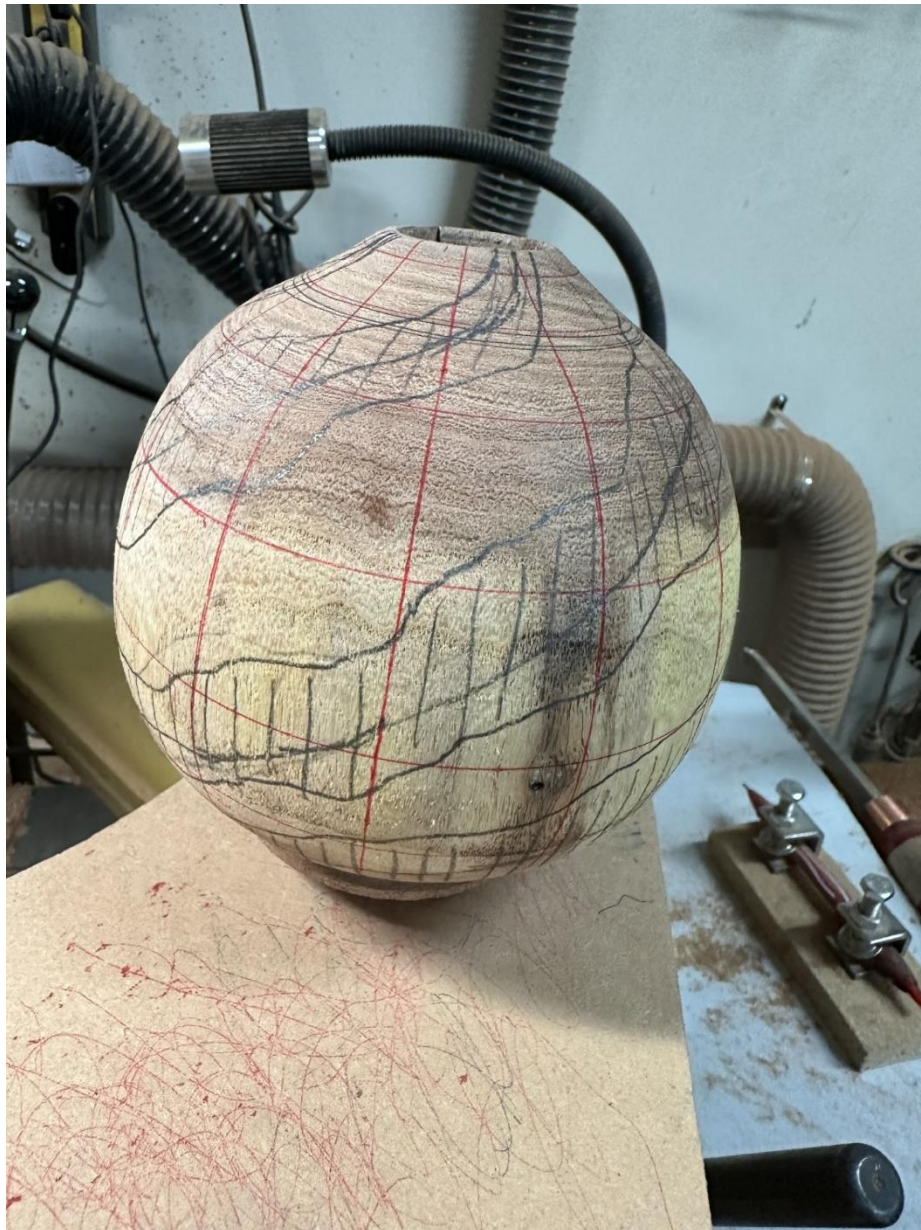


Draw latitude and longitude lines to facilitate laying out the peel strips.





Draw the peel strips on the piece



Drill holes in the area between the peel strips. These holes go halfway through the wall and are used to set the depth to be removed before piercing.





Use power carving to remove the wood between the peel strips.

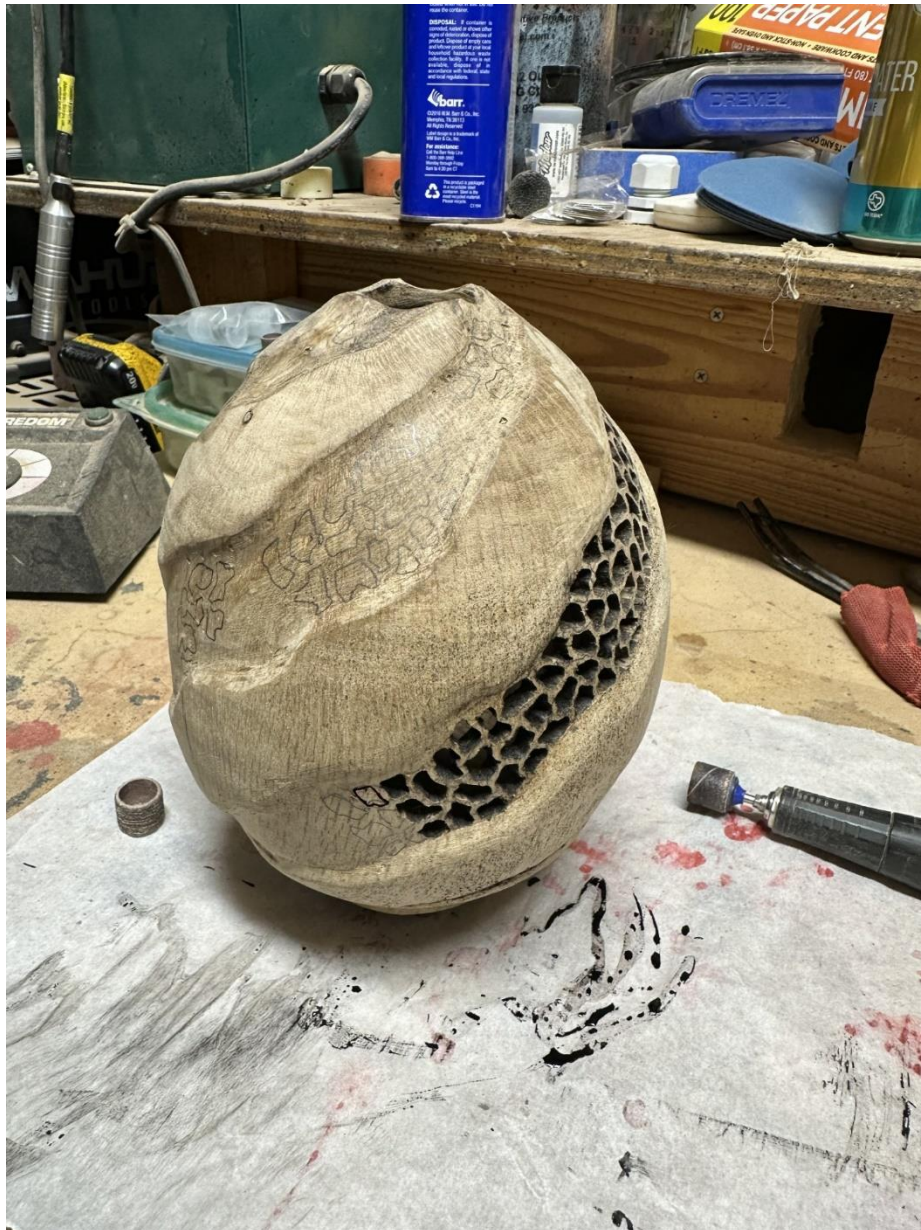


Piece after partially power carving away wood between the peel strips.





Use high speed dental drill to pierce the holes between the peel strips.

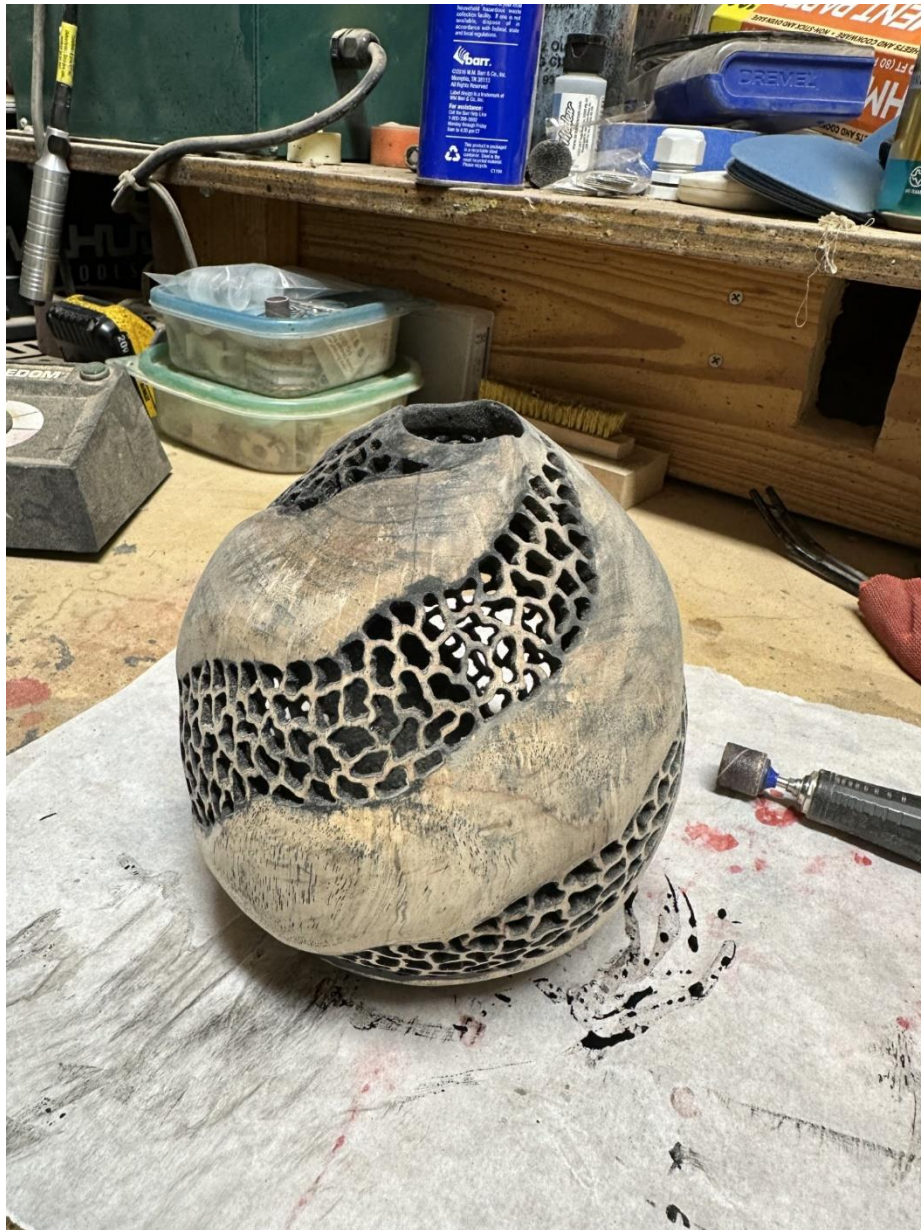


Bathe the piece in black India ink. The black ink is used to provide better contrast for the pierced holes.





Sand off India ink leaving ink inside piece



Apply finishes. This piece is named Anar (pomegranate). The piece is finished with airbrushed red dye and lacquer.

