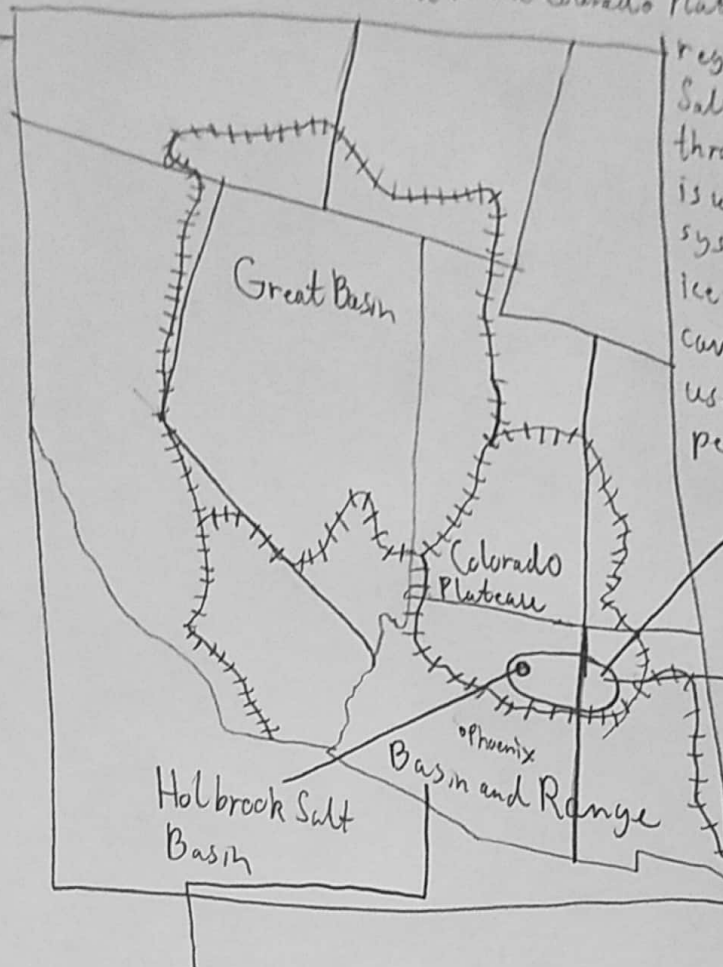


Topic: Large salt deposits of Arizona; location and age, how they formed, and how they are used as a resource for storage of natural gas.

The below map displays the locations of various basin provinces. Salt deposits like the Holbrook Salt Basin can be found in the Colorado Plateau and the Basin and Range region in southern Arizona. Salt collected from these deposits through dissolution and evaporation is used for water treatment systems, deicing highways, and ice cream production. Meanwhile, caverns dissolved in salt are used to store liquefied petroleum gas.



Thick deposits in the Basin and Range Province formed during Miocene time in a non-marine environment. They formed through periods of internal drainage, arid climate, and high rates of evaporation.

The Holbrook Basin salt deposit formed during the Permian period when the then coastal areas were flooded by low-energy ocean wave action.