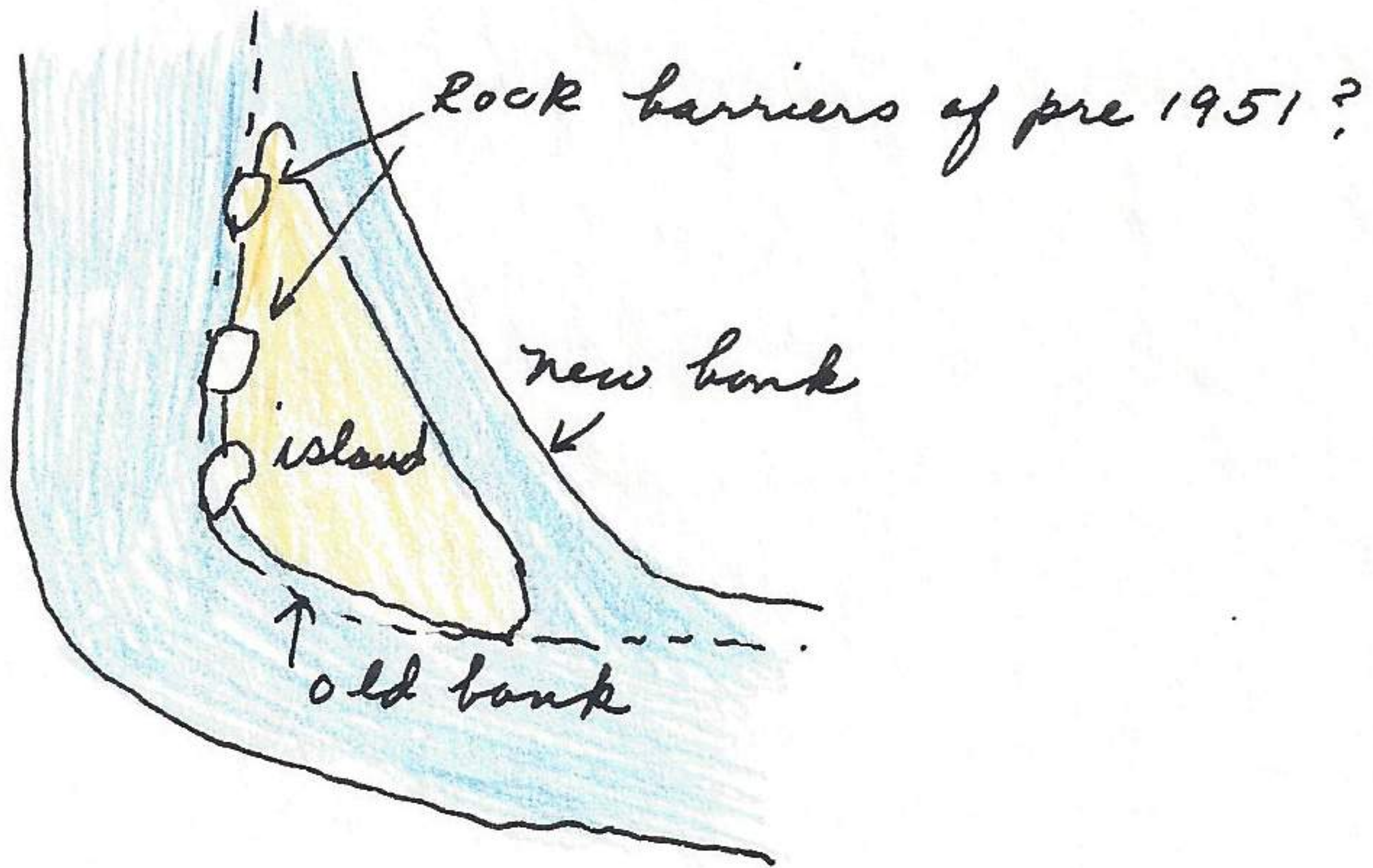


- 235 Creek to left.
 240 Beaver house to north. Active bank trails within 50' each side of house. Material for house mainly willow.
 250 Left the beaver house.
 253 Sunflower Ordnance pump station on left bank.
 3:45 Stopped on island. Found Indian pottery and some rather old looking bones, probably buffalo.



The island was covered with small hard stone pebbles and crushed sand. The pebbles were probably from stones placed by glaciers. The pottery and bones were probably from old Indian sites that were originally on the

river bank before the flood eroded the area. These artifacts probably sifted down as the sands were undercut and washed away.

- 4:20 returned to canoe. Air temp in shade 62°F; sun 64°F; water 42°F.
 4:30 Arrived Ole Soto bridge

General observations:

Allow 2 miles per hour for leisure trip down Kaw. 4 miles per hour as a fast pace. (rate includes current also)

Horned Larks have arrived or increased in last week and are associated with the more expansive sand bars along river.

No frogs observed although excellent day for their temporary return.

Fewer crows and gays than previously noted

Increase in small birds

Squirrel tree nests generally distributed in trees along edge of river - mainly localized.

Carp? jumping about 1 per 300 ft. Some protected eddies which are shallow support many carp? jumping about 1 per minute.

Considerable change of river topography since maps were printed in 1951.