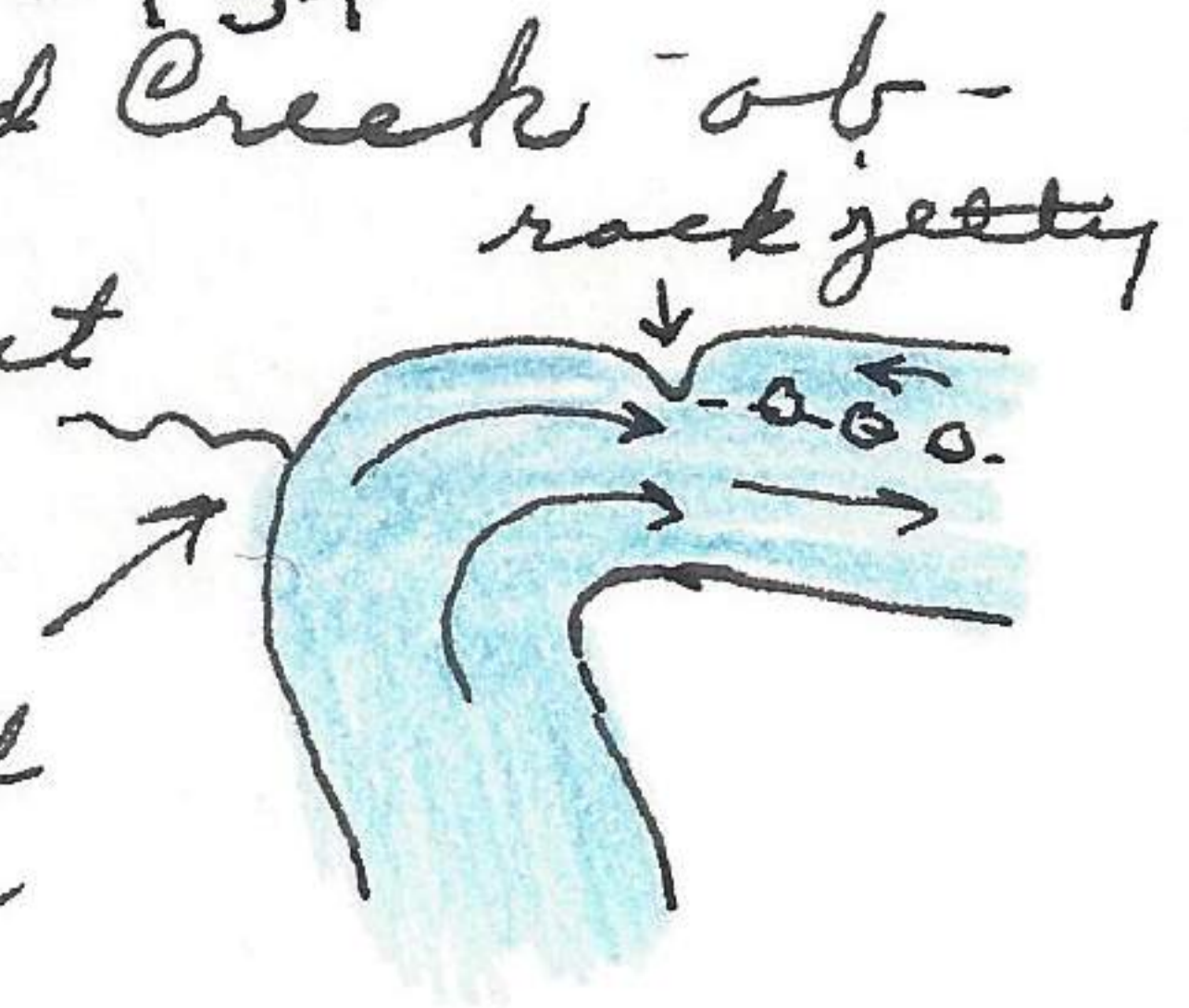
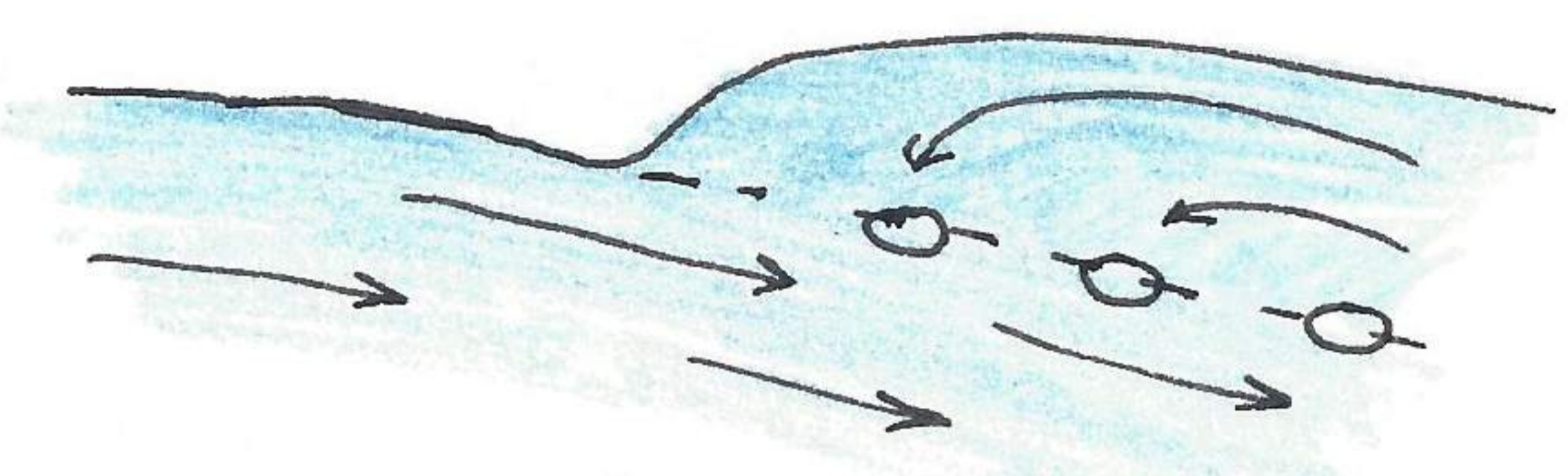


down river from dam at the mouth of Mud Creek served action of the river. This is at a point where river makes an abrupt turn to the E.



Again the river was characterized by exceptionally fast current and turbulence beyond rock jetty. Upwelling in some instances measured 30' wide and 3 feet high, most generally with smooth surface but at other times eruptive and irregular.

The contact with peripheral water was turbulent especially when coming in contact with water travelling in counter flow as the oncoming river current or counterflow of eddy water. When the main stream came in contact with the counterflow of the eddy, there were whirlpools formed, some 3 feet deep. Logs and debris did not seem to be engulfed by these whirlpools.



I would estimate the main current to flow at 10-12 miles per hour, faster than I could walk. Again, the water seemed to flow much faster than I have experience before.

1 2/10 mi. N and 1 1/2 mi. E Lawrence, Sand Pits, Lohes, Douglas Co., Kansas

April 27, 1969

Made several photographs of sand pit lobes using an unusual sky (clear blue sky and dark bodied clouds).

- 690427-31 Willow silhouette and lake to E.
- 690427-32 " " " " " "
- 690427-33 Lake and cattails in foreground
- 690427-34 " " " " " "
- 690427-35 Sky & farm just E of lake.
- 690427-36

Hashell Bridge on Wakarusa to Bonner Springs, Douglas and Leavenworth Cos; Kansas

April 27, 1969

James Robert Bee and Ned Green made canoe trip from Hashell Ave Bridge to Bonner Springs. Left 2:30 P.M. and arrived Bonner Springs at 9:00 P.M. a distance of 34 miles in 6 1/2 hrs averaging 5.2 miles per hour. Wakarusa flooding overbanks and unusually interesting.