

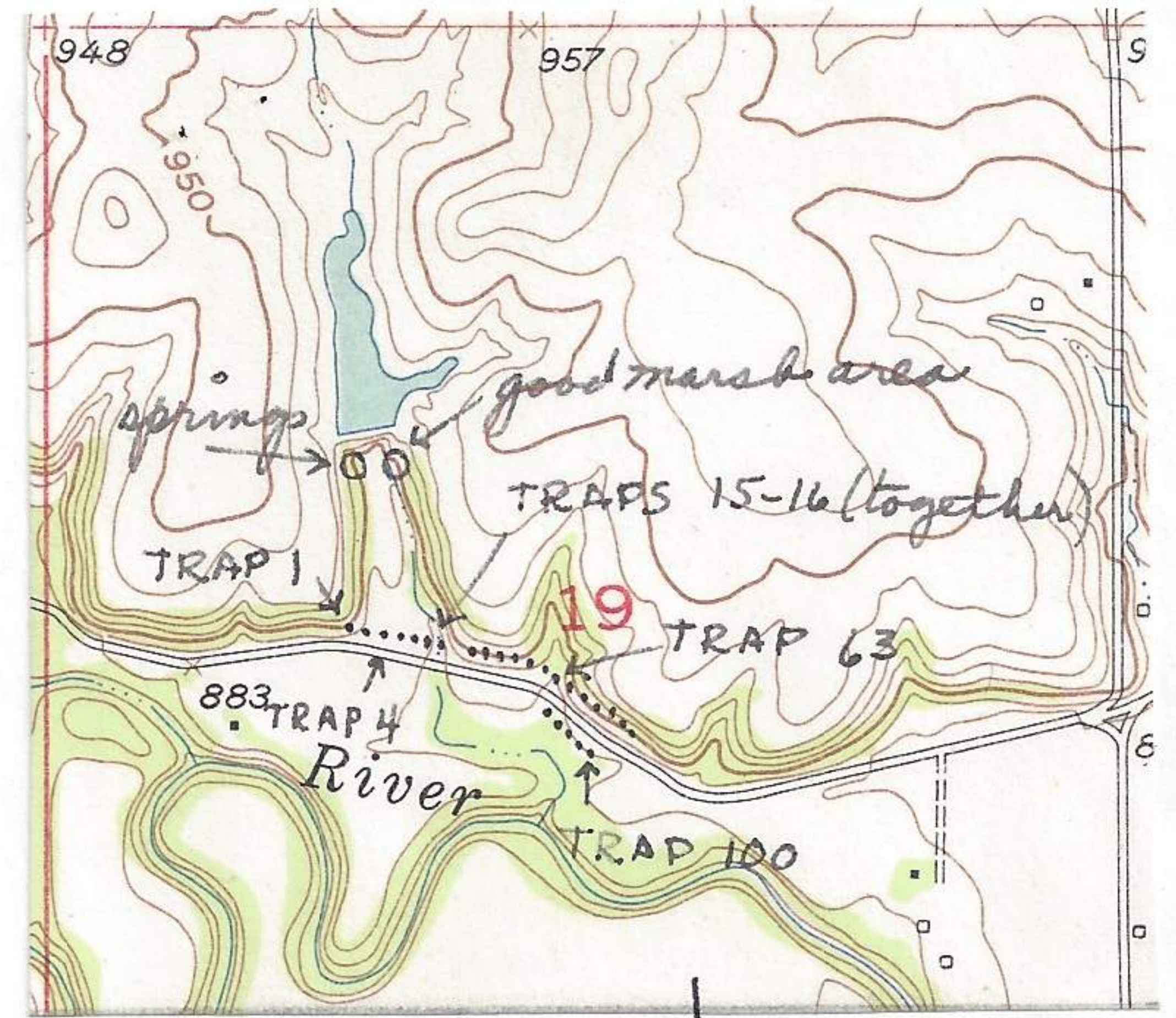
2200 ft S and 3 1/10 mi. W Clinton (center of town), Douglas Co., Kansas

Feb. 1, 1964

Set 100 traps along side of road (N side) ^{fence line} from mouth of Canyon to a point 1000 ft to east. ^{(trap) of above locality} The ^{wet} marsh area at base of dam to N is too heavily trampled by stock to permit small mammals to inhabit the vegetation. ^{5 small birds roosting.} At last inspection last year, the marsh was substantial with many runways, even on flat canyon floor between dam and road to south. Traps set about sundown, temp 55°F. Great horned owl called from Wakarusa River. River 50% open water.

8:00 A.M. Feb. 2, 1964

Collected mammals from traps set last night. Vegetation mainly high grasses unaffected by grazing but may have been burned at one time, especially traps on S side of road. The traps along fence at mouth of Canyon may have been caught mammals that were displaced from marsh and spring at base of dam by overgrazing and trampling. Other traps were strictly fence line sets with road on one side and grazed slopes beyond fence line. The following mammals taken from trapline (numbers ^{after dash} indicate trap number)



SK. ONLY	<u>640202-4</u>	<i>Synaptomys cooperi</i>	128-21-19.5-10-35 gms	♀ ut normal
	<u>640202-12</u>	<i>Microtus ochrogaster</i>	156-37-20-12-39 gms	♀ ut. enlarged
SK. ONLY	<u>640202-15</u>	<i>Synaptomys cooperi</i>	120-21-19-9-33 gms	♂ testes 4.5 mm
"	<u>640202-16</u>	<i>Synaptomys cooperi</i>	122-20-19-9-30 gms	♀ ut enlarged
SK. ONLY	<u>640202-27</u>	<i>Peromyscus leucopus</i>	185-84-22.5-16-29 gms	♀ ut normal
SK. ONLY	<u>640202-28</u>	"	155-62-21-15-22 gms	♀ ut. normal
"	<u>640202-63</u>	<i>Synaptomys cooperi</i>	126-21-20-10-34 gms	♂ testes 6 mm

Traps no 15 and 16 together in same runway. Trap 63 in native Andropogon in fence corner that had not been disturbed for many years. At the head of this canyon were growths of Andropogon high enough to give support to several microtine runways. Seven traps were sprung and included trap numbers 1, 6, 20, 37, 60, 81, 82.