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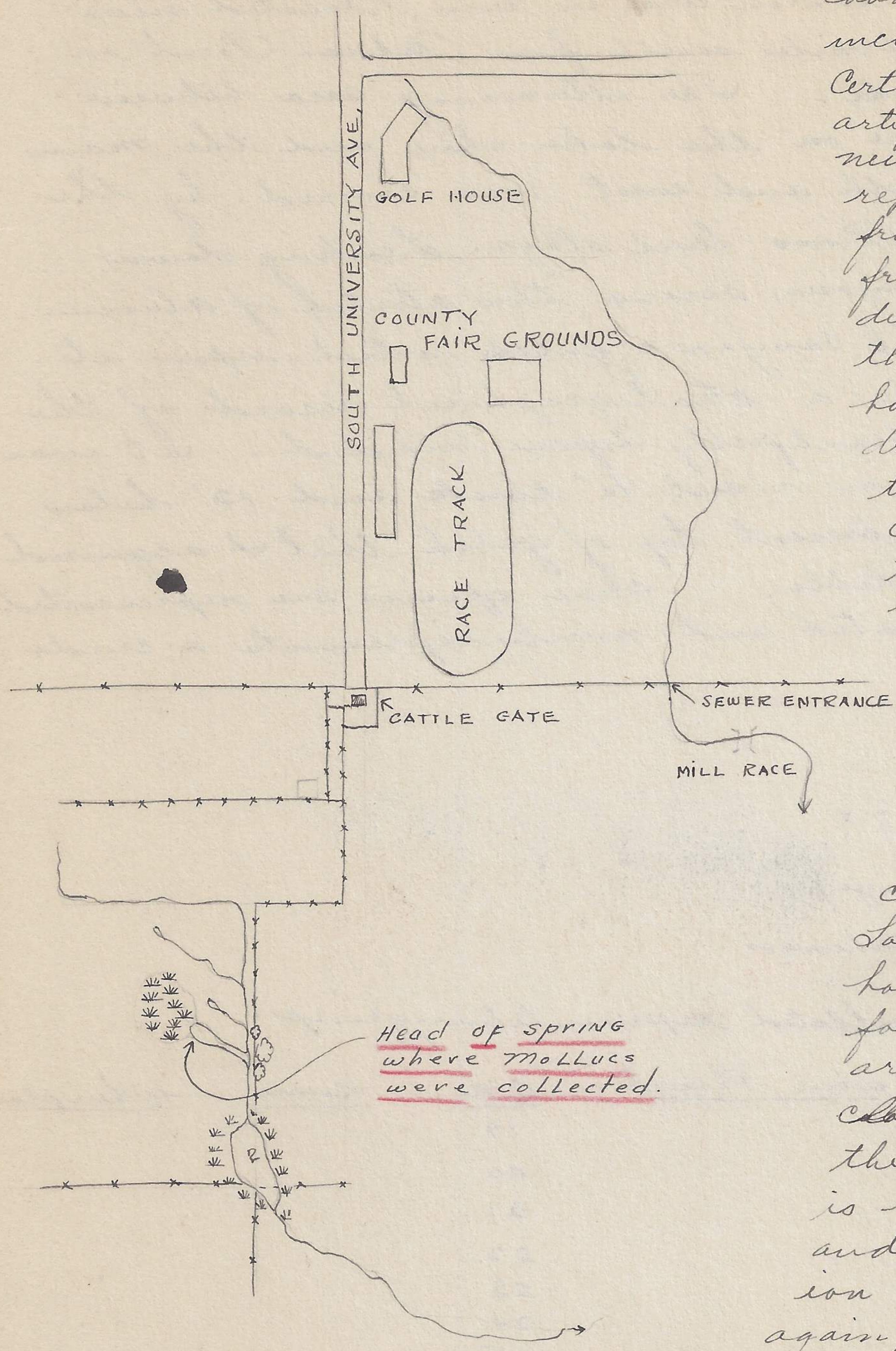
Collected snails in First Ward Pasture, just south of town. These pastures have been grazed by cattle since early pioneer times with a resulting

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change of vegetation surrounding incidentals to pasturing.

Certain areas have been artificially drained, new sources of water replenish normal supply from the <sup>excess</sup> waters issuing from terminal city ditch systems, but in the main the springs have not suffered any drastic changes, changes that would shut off connections with either the mill race or the waters of mud lake.

This spring water noted flows to mill race some 4 blocks away, hence to mud Lake, hence through channel to Utah Lake. Provo river may have, in prehistoric times followed through this area, but now the closest connection to the Provo River source is via of the mill race and possibly the irrigation channels. This area, again, no doubt has been flooded by mud lake at some time or other. The area



Head of spring where molluscs were collected.

is typically a lake bordering ~~marsh~~ <sup>grass</sup> land with numerous boggy and marsh areas supporting many fine springs. The single spring examined evidently drains the supersaturated and boggy area adjacent to it. The water from this saturated area finds its way to the head of this spring, not by surface flow but by underground flow. At the head of this spring there is a good flow of water issuing from the bottom of the spring in two or three places. Spring about 50' wide from end of source to where it enters an artificial drainage ditch. Water 2' deep, mud 2 1/2' deep. north & west bank boggy, south bank