6:30 Have crossed the open sagebrush flat at mouth of canyon and now at upper end. This opening is surrounded by a definite line of junipers and pinyon. From this point the Shinarump cap overhangs the Moenkopi about 1 block N.W. Can hear R.S. Flicker calling and two mourning doves flew by and proceeded up canyon.

6:35. Divide of the canyon, one canyon turning to the N. W and and to the N. E. The junipers and pinyons cover the tops of the benches and sidehills while the canyon floor proper support a very rank growth of these same trees. Leaving forks and proceeding up right hand fork. Heard Gnatcatcher calling and has a varied combination of notes and calls. A monarch butterfly flew down canyon. Working up this narrow canyon with bare rock sides and many ledges with junipers + pinyon trees throughout and especially in canyon floor proper, arrived at Moki Tanks on left side of canyon at 6:43 P.M. Rain clouds above and good wind blowing. These tanks cannot be seen from canyon floor except at certain times when the pool become full in canyon floor and bordering the cliffs and side gulch where tanks are located. The water has cut down through the side of the canyon and during its erosion has produced a deep narrow cut down through solid sandstone. At two points in this narrow cut the water has dropped down a few feet and has produced the pot-holes that are given the name of Moki Tanks. To get to these water basins one must climb thirteen feet up wall from canyon floor. At this heighth the canyon or deep cut is fashion in the solid rocks. The only indication that this cut supports water when viewed from canyon floor is a one foot deep groove that the water has cut in the solid rock from the 13' level down to the drypool below. As one works back into narrow cut he finds two pools of water. The first tank is at point where cut enters canyon and is egg shape in outline. It measures 5' 0x6' by 4 1/2' and 2 1/2 feet deep when full. It is now 1 foot below highest outlet level and supports tadpoles and insect life. The second tank is 22 1/2 feet from first one and measures 6 x 8 and 3 1/2 foot deep. when full. It now is 1 foot below outlet level. The canyon trends east and west and probably receives very little sunshine. The second tank supports numerous water striders, mosquitoe larva and dytiscids. During a slight rain for 10 minutes the lower tank raised 1/3 of an inch. No water came down the narrow cut but rain water came down slopes of walls and entered pool. After looking over our new water supply decided to go slow on our limited water that we still had in gallon canteen. Found a cave about 1 block down canyon on west side of canyon wall about 35' above the canyon floor level. where we were protected