~~[illegible]~~ april ~~[illegible]~~

Friday April 10th 1891

2:10 in cove (Crystal Route ... 1 trip

at 8:50 M.A. Moore & I started in the cove we got a load of stalactites in the stalactite room on the North West of Crystal route. We got out of the cove at 11:00 A.M. I took a stroll over to J. C. West this after noon & found that Charley Roe was sowing wheat

Saturday April 11th 1891

I went up the high hill above Capt Willard's spring & got a good wieon of the surrounding country. I saw that the depression in earth undoubtedly caused by Wind Cave is about 10 to 15 miles wide & extends as far as the eye can reach from the North East to the South West. I found a few good agates while on the hill

Sunday April 12th 1891

We expected somebody here today on account of the extra good weather but nobody came. Just after dinner I started down the gulch to see George Mac Manus but when I got there, he not at home. On my way back I gathered 13 samples of sand stone & 3 samples of limestone. The sand stone is all of different colors & shades. I was examining the signs of coal about a mile below here & think that there is a powerful vein of coal somewhere under the hills on the north side of Wind Canon. I dressed out a few samples of sandstone.