Friday 9th Jany. 1818 Continued

I this day levelled from a stake above the Brick yard to the road wh terminated at a wild apple bush under the same from thence it appears there will be 30 feet of a fall to the level of low water mark below the Bridge — To Cut a Race in this way wd be exceedingly expensive owing to the windy course, the unevenness of the ground & the number of gullys that wd intercept it, & it must either be brought along the face of the hill above the Spring or Cut at least 18 feet on the top of the Hill, this wd seem impracticable but at an extraordinary expense —

I also began at the same point & found to the log above the Spring 10 f. 9 Inches a fall, & from thence to the same point below the f. 21 - 4 - this wd make a difference of 25 feet the last I suppose to be correct, I also measured the last point say from the Log to the Road & found it to be 140 perches but to make an allowance for a winding course I suppose the Race wd be about 160 perches or half a mile long, & that on very level ground & apparently easy Cut

Saturday 10th

Some Snow last night Ephraim & young Charles thrashing Rye, hauling wheat, big Charles at Sundry jobs, Pompey feeding Cattle &c. a cold disagreeable day —

Monday 12th

yesterday Cold & a little Snow, last night snow very hard, Ephraim & young Charles hauling & cleaning the Ephraim cut & big Charles hauled two loads of wood, a hard frost & clear all day

Tuesday 13

A little Snow & hard frost last night the people employed raking wheat, killing a Hog, & preparing to go to Baltimore &c a cold hard frost —

Wednesday 14th Jany. 1818

A fine frosty morning I set out for Baltimore with 2 wagons with flour Oats, B. wheat flour, a Hog & Ephraim & 3 Cows & Calfs & returned on Sunday the 18th (during the time fine moderate fair weather) having sold the Oats at 30 Cents, the wheat flour at 9, Rye flour at 6 1/4 (Sec.d Qly.) Buckwheat 84, Pork at 10 & the Cows & Calfs at $35 each —

Monday 19th

Charles took 2 cwt. of wheat to the mill 60 1/2 Bushels in all & hauled wood, Ephraim & young Charles put in Rye they began to thrash, Pompey attending Cattle &c. a fine day

Tuesday 20th

Last night much no frost Ephraim & young Charles thrashing Rye, big Charles & Pompey putting in hay — a fine day & fair no frost —

Wedny. 21st

A very slight frost last night, Ephraim cutting & big Charles hauling wood, little Charles thrashing Rye, Pompey attending Cattle & helping Charles to thrash occasionally — I this day levelled from the ford opposite Warner's & found on One trial a fall from thence say from low water mark to below the old race below the Bridge a fall of 9.3
& by another trial, a fall of 10.11
the average of which would be 10 feet 20.2
& I suppose the water could be raised by a weir about 3 ft or 4 feet wd I suppose wd be equal to the fall of the tail race, the mill pit & part of the tail race wd be to be cut about 14 feet deep

Thursday 22

A moderate frost last night Ephraim & big Charles cutting & hauling wood, little Charles thrashing Pompey as usual a fine day

Friday 23

A moderate frost last night, the people as yesterday a mild fine day the blacks Evan had a Rand