

May - 15 - 1882 Central

Note (1) Fall in flume - Sta 13 to 29 = 2.35 ft
or .21 to the station = 11.55 ft to the mile as
now laid.

Note (2) Fall per sta from 0 to 13 = .22 or
.2 ft to the mile. average fall in
the total distance Sta 0 to 29 = 1.54
ft to the mile. or .22 ft to the sta

Note (3) Elevation of grade at Sta 40 =
4991.25. from this point calculate
.05 to the station (see improvement.)
note 6

Note (4) Fall as given to canal =
.02 to 100 ft or 1.05 ft to mile

Note 5 - Lower end of canal at sharp
point may be lowered .5 ft
which will make the grade
per sta 40 to 180 = .025 per
100 ft. = 1.32 ft per mile.
making the elevation of grade at
Sta 180 = 4987.73

Note 6 Total average grad per station
was found by continuation of levels to
many points of completed canal to be
.039 per 100 ft = 2.059 ft to mile 4269
Sta 40 = 4992.25 Elev point D.