

black glass bottle.

Land mountain sides covered with dense mountain laurel. Soil 2nd rate.

Stormy. Could get no bearings.

July 18. Made a series of Astronomical Observations at a station 45 chains north by measurement from Boundary line as run

Deduced Latitude $42^{\circ} 00' 26''.8$

Thence through very rocky and brushy decline at 60 chains reach rocky bluff and steep rocky decline, thence rapid and difficult descent. Could not erect post at 105 M owing to rock. Continue over rocks to 105 M 20 chains. Made excavation and planted Alder post 8 feet long by 7 inches square at top; deeply marked on the north face "I" on the South "N" on the East 105 M 20 chs on the West 42 L.

105 M
20 chs

Built mound, of stone and large rocks, of prescribed size, dug trench and pits.

A new determination for true meridian was made at boundary line near the 104th mile.

Vide Astronomical Observations and reductions page

Bearings: to Hat Butte $S 67^{\circ} 55' W$
distance $16\frac{1}{2}$ miles, to highest peak distant