

CHAINS

Every 30 min. from 6 to 10.30 a.m. and from 1.30 to 6 p.m. I make proper settings on the arcs of the solar attachments and ascertain that the resulting orientation of the instruments, when compared with the meridian established by Polaris observation, have maximum errors of less than 1' 30".

I repeat the tests of the arcs daily by noon observations, and verify the meridional indications at frequent intervals throughout the survey.

The observed magnetic declination is 21° 12' E.

Dependent R survey of the S. Bdy. of T. 25 S., R. 3 W.

"Reestablishment of the survey executed by Addison R. Flint, Deputy Surveyor, in 1855."

Preliminary to the resurvey all lines are retraced and diligent search is made for all original corners. Identified corners are reestablished in their original positions and all lost corners are reestablished by proportionate measurement based on the official record of the original survey. The retracement data are thoroughly verified and in the interest of simplicity only the true line notes are shown herein.

I commence the dependent resurvey at the original cor. of Tps. 25 and 26 S., Rs. 3 and 4 W., established by Gordon and Gardner, Deputy Surveyors, in 1855, the locus of which has been perpetuated by the county surveyor's fir stake, 36 ins. long, 4 ins. square, mkd. C S R 3 W S 31 on NE., T 26 S 6 on SE., R 4 W S 1 on SW., and T 25 S 36 on NW. face.

At point for corner,

Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, with the county surveyor's marked stake deposited at the base, for cor. of Tps. 25 and 26 S., Rs. 3 and 4 W., with brass cap mkd.

T25S	
R4W	R3W
S36	S31
S1	S6

T26S
1943

from which

A decayed white oak stump, 16 ins. diam., bears N.35°E., 82 lks. dist., on which no marks remain. (Old B.T.)

A white oak, dead and down, 16 ins. diam., bears S.70°E., 93 lks. dist., with blaze healed. (Old B.T.)

A dead white oak, 16 ins. diam., bears S.22°W., 265 lks. dist., on which I uncovered the scribe marks T 26 S R 4 W B T. (Old B.T.)

A Douglas fir stump, 36 ins. diam., bears N.10°W., 55 lks. dist., on which only ax marks remain. (Old B.T.)

A white oak, 14 ins. diam., bears N.27½°E., 77 lks. dist., mkd. T 25 S R 3 W S 31 C S B T. (County surveyor's B. T.)