

Retracement of the 7th. Standard Parallel North, south of secs. 31 and 32; T 36 N, R 49 E.

Chains west of the meridian established by the Polaris observations therefore I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian at 7h.15m., a.m., l.m.t., is N 18°45'W; the angle thus determined gives the mag. decl. 18°45'E.

The lines of this survey were measured with a 5 ch. steel tape and clinometer.

From the tp. cor., previously described, I retrace E. on the 7th. Standard Parallel North, south of sec. 31.

Since I have but one set of chainmen, I measure the distances twice ^{by} this one set, and take the mean of their measurements instead of using two sets of chainmen.

36.50 I search diligently for the closing corner of secs. 5 and 6 T 35 N, R 49 E, but find no trace of this cor.

Difference bet. measurement of 40.00 chs, twice by the same set of chainmen is 8 lks.; position of middle point
By 1st. measurement 39.96 chs.

By 2nd. measurement 40.04 chs., the mean of which is

40.00 I search diligently, but find no trace of the standard 1/4 sec. cor.

Difference bet. measurement of 80.70 chs., twice, by the same set of chainmen is 12 lks.; position of middle point.
By 1st. measurement 80.64 chs.

By 2nd. measurement 80.76 chs.; the mean of which is

80.70 I find the standard cor. of secs. 31 and 32, falling 23 lks.

N. of my line. It is a volcanic stone 13 x 9 x 6 ins., lying on the ground on a mound of earth and stone and mrd. with and and 1 notches on opposite edges.
The course of this line is N. 89°50'E.

From the standard cor. of secs. 31 and 32, I retrace E. on the 7th. Standard Parallel North, south of sec. 32.

36.58 I search diligently for the closing corner of secs. 4 and 5 T 35 N, R 49 E; but find nothing.

Difference bet, measurements of 40.00 chs., twice, by the same set of chainmen is 4 lks.; position of middle point;
By 1st. measurement 39.98 chs.

By 2nd. measurement 40.02 chs., the mean of which is

40.00 I search diligently but find no standard 1/4 sec. cor.

Difference bet. measurement of 80.18 chs., twice by the same