

2140

Township 8 North, Range 44 East

Chains

Azimuth of Polaris to eastern elongation $1^{\circ} 19'$
 Mean deflection angle $1^{\circ} 18' 30''$
 True bearing to flag S. $0^{\circ} 00' 30''$ W.

August 10, 1939, at this same station with the same transit, at 8h 0m a.m., l.m.t., I set off $38^{\circ} 29' 30''$ N. on the latitude arc, $15^{\circ} 43'$ N. on the declination arc, and determine a meridian with the solar, which corresponds with the meridian by Polaris observation.

Similar observations and tests were made with the other transits at frequent intervals to secure accuracy in the projection of transit lines.

The magnetic variation observed at various points in the township gave a uniform value of $17^{\circ} 40'$ E. (in 1939).

Dependent Resurvey of the North Boundary of T. 7 N., R. 44 E.

Reestablishment of the surveys Executed by
 J. R. Glover and G. H. Perrin, Deputy Surveyors, in 1881.

From the reestablished cor. of Ts. 7 N., Rs. 44 and 45 E., and Ts. 8 N., Rs. 44 and $44\frac{1}{2}$ E.

N. $89^{\circ} 48'$ W., along the N. bdy. of sec. 1.

Over rough mountainous land, through scattering timber and dense undergrowth; asc. 30 ft. over SE. slope.

1.60 Spur, projects S. 50° E.; desc. 40 ft. over SW. slope.

5.30 Wash, course S. 50° E.; asc. 290 ft. over NE. and E. slopes.

20.90 Spur, projects S. 80° E., and another spur, projects S., from N. 20° W.; desc. 260 ft. over W. slope.

21.66 Point from which center of a circular water tank bears S. $84^{\circ} 57'$ W.

35.00 Channel of ravine, 25 lks. wide, 3 ft. deep, course S.; asc. 25 ft. over SE. slope.

39.71 The $\frac{1}{4}$ sec. cor. of secs. 1 and 36, marked by the original monument, an eroded granite stone, 6x5x4 ins., loosely set in a small mound of stone, with markings obliterated. All evidence of the bearing trees has disappeared. As this corner will no longer serve for sec. 36, it is now remonumented to refer to sec. 1 only.

At the corner point

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$ S 1

1939

Bury the original corner stone alongside the iron post.

from which

A juniper, 12 ins. diam., bears S. $5\frac{1}{2}^{\circ}$ E., 112 lks. dist., mkd. $\frac{1}{4}$ S1 BT.