

NORTH BOUNDARY OF T. 14 N., R. 28 E.

Chains

For a description of the instruments, method of obtaining and projecting the azimuths of lines and method of measurements, refer to the field notes of T. 13 N., R. 32 E., executed under this group.

The geographic coordinates of the SE. cor. of this Township, as determined by reference to U.S.C. & G.S. triangulation station "SANDY 1935" are as follows: Latitude 39°06'46" N. and Longitude 118°47'27" W.

April 18, 1937 at the above mentioned Township cor. at 5h58.4m A.M. l.m.t., I make an observation on Polaris at eastern elongation, making a series of 4 direct and 4 reverse pointings at the star and referencing these pointings to a flag about 35 chs. to the N.

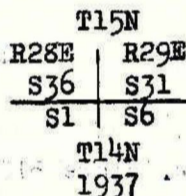
Azimuth of Polaris at E.E.east 1° 19' 49"
Mean angle turned to flag E. to W. 1° 36' 30"
Mean bearing of flag N. 0° 16' 41" W.

April 19, 1937, at this same cor., I turn the required angle from the flag and establish a true meridian. The azimuth of all lines were carried forward from this established meridian and their accuracy was checked at frequent intervals by referencing it back to this meridian and by additional observations.

The magnetic declination was not determined.

I commence the survey of the N. bdy. of T. 14 N., R. 28 E., at a point 160.00 chs. E. of the cor. of secs. 2, 3, 34 and 35, Tps. 14 and 15 N., R. 28 E.

Set an iron post, 3 ft. long, 3 ins. diam., 32 ins. in the ground, for cor. of Tps. 14 and 15 N., Rs. 28 and 29 E., with brass cap mkd.



West, bet. secs. 1 and 36 on transit line describing the tangent, which bears West from this cor.

Asc. 180 ft. along broken NE. slope through medium dense undergrowth.

24.00 Wash, course N. 30° E., 4 chs. to junction with main wash.

40.00 On the tangent,

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with granite rock 2x2x4 ins., mkd. X, deposited at the base, for 1/4 sec. cor., with brass cap mkd.

S 36

S 1

1937

Continue to asc. 280 ft. over an E. slope which changes to N. slope.

50.00 Ravine, course NW. 2 chs., thence N. 80° E.

70.70 Ravine, course NE.

80.00 N. 1 lk. from the tangent.

Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground, with lava rock 3x3x6 ins., mkd. X, deposited at the base and in a mound of stone to top, for cor. of secs. 1, 2, 35 and 36, with brass cap mkd.