

T. 39 N., R. 36 E.

Chains

The completing subdivisional survey of T. 39 N., R. 36 E., commenced by Haigh and Harris, U. S. Surveyor and U. S. Transitman respectively, 1913, under group No. 17, Nevada, was executed with Buff and Buff light mountain solar transit No. 9210, the property of the General Land Office. For description, date of approval and field tests, together with tests of minor equipment, see page 1, book of boundaries, Tps. 39 and 40 N., Rs. 35 and 36 E., this group.

The geographic position of the SW cor. of the Tp., as determined by observation of Polaris at lower culmination at the cor. of ³/₄, 4, 33 and 34, on N. bdy. of T. 39 N., R. 36 E., and reduced to the SW cor. is, latitude 41°11'34" N., and longitude 117°59' W.

The directions of all subdivisional lines were determined by the method of deflections from meridians determined by altitude observations of the sun, a record of one of these follows:

May 18, 1940. At the cor. of secs. 13, 14, 23 and 24, hereinafter described, I make an altitude observation of the sun, first setting on the sun's lower and left limbs, then after reversal of the instrument, setting on the upper and right limbs; the horizontal angles were measured from a flag, NE. to the sun.

Mean watch time of obsn., a.m.	7h 17m 00s
Mean vertical angle	29° 53' 30"
Mean horizontal angle	89° 21' 00"
Reduced bearing of flag	N. 0° 0' 25" E.

Subdivision of T. 39 N., R. 36 E.

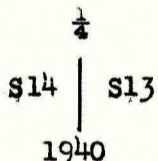
I commence the completing subdivisional survey of T. 39 N., R. 36 E., at the cor. of secs. 13, 14, 23 and 24; an iron post, 2 ins. diam., 12 ins. above ground, mkd. and witnessed as described in the official record.

North, on a sectional guide meridian, bet. secs. 13 and 14.

Over nearly level land, thru scattering undergrowth.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the ¹/₄ sec. cor., with brass cap mkd.

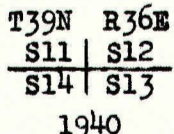


dig pits,

18x18x12 ins., N. and S. of post, 3 ft. dist.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. of secs. 11, 12, 13 and 14, with brass cap mkd.



dig pits,

18x18x12 ins., in each sec., 3 ft. dist.

Land, nearly level.
Soil, sandy, alkaline clay; 3d rate.
No timber; undergrowth, shadscale.
Grazing, poor.

N. 89° 51' E., on a random line bet. secs. 12 and 13.

40.00

Set temp. ¹/₄ sec. cor.

84.62

Intersect the E. bdy. of the Tp., 14 lks. S. of the cor. of secs. 12 and 13.