

TOWNSHIP 26 NORTH, RANGE 54 EAST

Chains

The survey was executed with Buff and Buff light mountain solar transit, serial number 9210, the property of the General Land Office. For description, date of approval and field test of this instrument, together with the test of all minor equipment used, see the official field notes of the survey of T. 27 N., R. 55 E., surveyed under this group.

The geographic position of the SE. cor. of T. 26 N., R. 54 E., is latitude $40^{\circ} 05' N.$, and longitude $115^{\circ} 50' W.$

June 5, 1939; at camp in the NE $\frac{1}{4}$ sec. 15, at 2h 53.5m a.m., l.m.t., or 2h. 37.1m a.m., by my watch which reads correct 120th meridian time, as determined by radio signals, I observe Polaris at eastern elongation, making two sights each with the telescope in direct and reversed positions and place a tack at the mean point on a peg, firmly driven in the ground 8 chs. N. after sunrise, I lay off the azimuth of Polaris, $1^{\circ} 20' 41''$ and make a meridian mark on a second peg 18.78 chs. (12.39 ft.) to the west of the mean point determined by the observation; I verify the angle by a vernier reading of the instrument.

The observed magnetic variation is N. $19^{\circ} 00' E.$

NORTH BOUNDARY OF TOWNSHIP 26 NORTH, RANGE 54 EAST

From the cor. of Tps. 26 and 27 N., Rs. 54 and 55 E.; an iron post, 3 ins. diam., 8 ins. above ground, mkd. and witnessed, as described in the official record.

West, on a random line, setting temp. $\frac{1}{4}$ sec. cors. and sec. cors. at 40.00 ch. intervals. At 430.55 intersect the E. bdy. of T. 27 N., R. 53 E., North 1.75 chs. dist. from the cor. of Tps. 26 and 27 N., R. 53 and 54 E., hereinafter described. The correction is 32.5 lks. S. per mile, counting from the point of beginning.

From the cor. of Tps. 26 and 27 N., Rs. 54 and 55 E.

S. $89^{\circ} 46' W.$, on true line, bet. secs. 1 and 36.

Asc. 730 ft. over mountainous land, on a NE. slope, thru scattering undergrowth.

24.00 Head of drain, course N. $75^{\circ} E.$; continue ascent over an E. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, upon a cross (X) on bedrock, and in a mound of stone to top, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 36
$\frac{1}{4}$
S 1
1939

43.00 Continue ascent over a NE. slope.

52.50 Drain, course N. $75^{\circ} E.$

68.20 Ridge (Divide) bears N. and S.; desc. 160 ft. over a W. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground, upon a cross (X) on bedrock, and in a mound of stone to top, for the cor. of secs. 1, 2, 35 and 36, with brass cap mkd.

T27N	R54E
S35	S36
S 2	S 1
T26N	
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