

T. 26 N., R. 52 E.

Chains

Survey commenced October 11, 1939 and executed with Buff and Buff solar transit No. 9210, the property of the General Land Office. For description, date of approval and test see field notes of T. 29 N., R. 53 E., surveyed under this group. The geographic position of the SW. cor. of T. 26 N., R. 52 E. is latitude 40° 05' N., and longitude 116° 09' 40" W.

October 13, 1939; In order to verify daily, at 8 a.m., and 4 p.m.; the indications of the solar attachment when compared with the true meridian, I proceed as follows:
At a point, West, 3.30 chs. dist. from the $\frac{1}{4}$ sec. cor. bet. secs. 3 and 34, on the N. bdy. of the Tp., latitude 40° 10' N., and longitude 116° 06' W., at 6h 20.6m, p.m., l.m.t., or 6h 05.1m, p.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 driven firmly in the ground 10 chs. N. After sunrise I lay off the azimuth of Polaris 1° 21' 32" and make a meridian mark on a second peg 23.7 lks. (15.64 ft.) to the west of the mean point in the line determined by the observation; I verify the angle by a vernier reading of the instrument.

The observed magnetic declination is 18° E.

Dependent Resurvey of Portion of 5th Standard Parallel N. in Range 52 E.

Reestablishment of the Survey Executed by O. A. Palmer, Deputy Surveyor in 1869 - 70.

The standard cor. of secs. 32 and 33 on the S. bdy. of the Tp. is a cedar stake, 2 ins. sq., 30 ins. above the ground, in a mound of earth, and mkd. TXXVI, RLIIE, XXXII, and XXXIII.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with the original cor. monument deposited at base, for the Stan. Cor. of secs. 32 and 33, with brass cap mkd.

T 26 N R 52 E
S C
S 32 | S 33
1939

West, on true line; along the S. bdy. of sec. 32.

Desc. 40 ft. over rolling mountainous land, on W. slope, thru scattering timber and undergrowth.

18.30 Dim road, bears NE. and SW.

25.00 Road, bears N. 30° E. and S. 10° W.

25.30 Wash, 15 lks. wide, 6 ft. deep, course S. 10° W.; asc. 400 ft. over an E. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the standard $\frac{1}{4}$ sec. cor., with brass cap mkd.

S C
 $\frac{1}{4}$ S 32
1939

raise a mound