

Dependent

6 / Resurvey of Fourth Standard Parallel South, through Range 56 East.

Chains farther west along this line, I set flag on line 85 lks. N. of the old cor. of Tps. 16 and 17 S., Rs. 55 and 56 E.; then measure a base S. 17°30' W., 10.00 chs. to a point, from which the flag bears N. 71° 50' W.: from the flag the base subtends

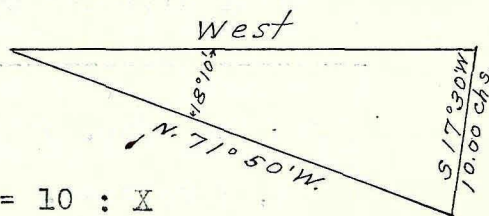
an angle of 18°10'; there-

fore the distance is

$$\begin{aligned} \sin 18^\circ 10' : \sin 89^\circ 20' &= 10 : X \\ \text{or } .31178 : .99993 &= 10.00 : X \end{aligned}$$

X = 32.07 chs., which added to 34.69 makes

66.76 To a point 85 lks. N. of the cor. of Tps. 16 and 17 S., Rs. 55 and 56 E. on the Ruby Valley Guide Meridian, hereafter described. (For description of this cor. see field notes of resurvey of the S. bdy. of T. 16 S., R. 55½ E.) The bearing of the line bet. the old standard cor. of secs. 32 and 33 and the old cor. of Tps. 16 and 17 S., Rs. 55 and 56 E. is S. 89° 40' W. and the distance is 145.99 chs.



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Note:- The position of the old standard cors. as shown by the foregoing retracement, were verified in their position, with respect to old cors. on contiguous subdivisions in T. 17 S., R. 56 E. by John W. Dougall, U. S. Surveyor in 1916; who during his examination for obliteration in T. 16 S., R. 56 E., made retracements south from the old closing cors. found along the above portion of the Fourth Standard Parallel South and definitely determined that surveys in T. 17 S., R. 56 E. are dependent upon this portion of the Standard Parallel.

In accordance with instructions I make a dependent resurvey of the South boundary of T. 16 S., R. 56 E., maintaining the alignment as determined by the old corners, existing upon the ground.

Note:- All temp. points set along the Fourth Standard Parallel South pertaining to the subdivisions to the north in the retracement thereof are corrected 1.26 chs. east to bring their position into proper relation to the N. boundary of the township.