

DEPENDENT RESURVEY OF A PORTION OF WEST BOUNDARY, T. 43 N., R. 27 E.

Chains

This resurvey was executed with Buff & Buff light mountain solar transit No. 9210, the property of the General Land Office. For description and date of approval, see page 1, Dependent Resurvey of the 9th Stan. Par. North, S. Bdy. of T. 46 N., R. 26 E., this group.

The geographic position of the cor. of Tps. 43 and 44 N., R. 27 E., is latitude  $41^{\circ}41'30''$  N. and longitude  $118^{\circ}57'15''$  W. The bearings of all lines were determined by deflections from a meridian established at this cor.

September 27, 1941, at the cor. of Tps. 43 and 44 N., R. 27 E., at 8h11<sup>1</sup>/<sub>2</sub>m a.m. app. t., I make a series of three altitude observations of the sun for azimuth, each with the telescope in direct and reversed positions, observing opposite limbs of the sun and reading the horizontal deflection angles from a lath, firmly set, 10 chs. S., SE. to the sun.

Observation	Telescope	Sun	Watch time	Vertical angle	Horizontal angle lath to sun
1st	Direct		7h59m30s	22°44'00"	65°31'00" to SE.
"	Reversed		8h05m30s	22°04'00"	64°57'00" "
	Mean.....		8h02m30s	23°24'00"	65°14'00" "
2nd	Direct		8h1m00s	22°55'00"	65°54'00" "
"	Reversed		8h4m00s	23°53'00"	64°35'00" "
	Mean.....		8h2m30s	23°24'00"	65°14'30" "
3rd	Direct		8h2m00s	23°35'00"	65°07'00" "
"	Reversed		8h3m00s	23°13'00"	65°22'00" "
	Mean.....		8h2m30s	23°24'00"	65°14'30" "

By 1st observation lath bears S. 0° 28' 46" W.  
 By 2nd observation lath bears S. 0° 29' 16" W.  
 By 3rd observation lath bears S. 0° 29' 16" W.

Observed magnetic bearing is N. 20° 00' E.

Reestablishment of the Resurvey Executed Under Group 52, in 1917.

NOTE: Corners for E. bdy. of T. 44 N., R. 26 E., are added at intervals of 40.00 chs.

From the cor. of Tps. 43 and 44 N., R. 26 E.; which is marked by an iron post, 3 ins. diam., 12 ins. above ground, mkd. and witnessed as described in the official record.

N. 0° 37' E., along the W. bdy. of sec. 6, T. 43 N., R. 27 E., and on E. bdy. of T. 44 N., R. 26 E.

I find the topography to agree with the official record of the 1917 resurvey.

5.31 Point for the  $\frac{1}{4}$  sec. cor. of sec. 6; which is marked by an iron post, 1 in. diam., 14 ins. above ground, firmly set, mkd. and witnessed as described in the official record.

40.00 Point for  $\frac{1}{4}$  sec. cor. of sec. 36.

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

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raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.