

T. 20 S., R. 10 W.

CHAINS

The history of surveys of township 20 south, range 10 west, is as follows:

<u>Part Surveyed</u>	<u>Original Survey By &amp; Date</u>	<u>Resurvey By &amp; Date</u>
North Boundary	Nathaniel Martin 1892	Fred Mensch 1922 (Retracement)
South Boundary	John W. Meldrum 1867	Nathaniel Martin 1892
	Nathaniel Martin 1892	Charles M. Collier 1918 Fred Mensch 1919
East Boundary	W. H. Byars 1874	William Thiel 1877
	William Thiel 1877	Fred Mensch 1922
	William Thiel 1891	
	Nathaniel Martin 1892	
West Boundary	John W. Meldrum 1867	William Thiel 1892
	William Thiel 1892	Nathaniel Martin 1894
Subdivision	John W. Meldrum 1867	Nathaniel Martin 1892 and 1894
	W. H. Byars 1874	
	William Thiel 1877	
	William Thiel 1878	
	F. M. Johnson 1878	
	Nathaniel Martin 1892	

The resurvey was made at the request of the District Forester.

Preliminary to the resurvey the lines of the previous surveys are retraced and search is made for all corners and other calls of the record. Identified corners are remonumented in their original positions, lost corners are reestablished and remonumented at proportionate positions based on the official record. The retracement data are thoroughly verified and only the true line field notes are given herein.

The survey was executed with solar compasses made by Young and Sons Co., serial numbers 8510 and 8512, constructed in accordance with the standard specifications of the Bureau of Land Management. The instruments were in good condition, having been placed in satisfactory adjustment prior to beginning the survey. The instruments were also tested and checked frequently during the course of the survey. Measurements were made on the slope with Dietzgen steel tapes, two chains (132 feet) in length, graduated every link. The vertical angle of each measurement was ascertained with a clinometer. Only the horizontal equivalents of the measurements are entered in the field note record. Tapes were compared to a standard.

The directions of lines were determined by the solar compass method.

The geographic position of the southeast corner of the township as given in the special instructions is as follows:

Latitude 43°47' N. Longitude 123° 49' 45" W.

The mean magnetic declination at the southeast corner of the township is 20°36' E.

Dependent Resurvey of a Portion of the S. Bdy. of T. 20 S., R. 10 W.  
(Restoring the 1867 survey by John W. Meldrum,  
the 1892 survey by Nathaniel Martin, and  
the 1918-19 resurveys by Collier and Mensch)

Beginning at the cor. of Tps. 20 S., Rs. 9 and 10 W., on the N. bdy. of sec. 1, T. 21 S., R. 10 W., which is monumented with an iron post, 3 ft. long, 3 ins. diam., firmly set 24 ins. in the ground, and in a scattered mound of stone, with brass cap marked