

Resurvey of S. day, T. 20 N. R. 44 E. M. D. M.

Survey Commenced April 26, 1905 and executed with a Leitz transit No 1882, the horizontal limb having two double verniers placed opposite to each other and reading to 1' of an arc.

The instrument was examined and tested on the true meridian at San Francisco and found correct per Certificate dated August 19, 1904.

I begin at the Cor. of Tps. 19 and 20 N. R. 44 and 45 E. which is a quartzite stone 10x8x7 ins above ground marked with 6 notches on N. S. E and W. edges, the pits having become obliterated I redig same 24x24x12 ins. on each line N. E. & W. 4 ft. and S. of stone 8 ft. dist. and raise mound of earth 5 ft base 2 1/2 ft high S. of Cor.

At this Cor. in Latitude $39^{\circ}32'04''$ N. Longitude $116^{\circ}57'15''$ W. at $8^h 20^m$ P. M. I observe hour angle of Polaris and mark the line thus determined by tack in peg 500 chs. N. of my station

Equivalent to time Apr. 25.		$32^h 16^m$
Ast. time U.C. Polaris Apr 15.	$23^h 47.5^m$	
Reduction to Apr. 25	$\underline{39.3}$	
	$23^h 8.2^m$	
		$\underline{23^h 8.2^m}$
		$9^h 78^m$

Azimuth of Polaris at time of observation 62° or $1^{\circ}02'$
 April 27th at 6. A.M. I lay off the azimuth of