

Apr. 21. P.M. 1897,

Measured distance from
 1/2 S. Post bet sec. 33 & 34 7.6^m 1^m.
 eastward to center Sec. 34.

See T. 5, p. 60 - et seq.

Set up on 1/2 S Post bet sec. 33 & 34
 with T.V. on Tyric Peak & angle
 south + right - 74° 00' and run
 toward center of Sec. 34 as follows;
 Measurements made with 500 ft
 brass wire - standard at 80° F
 and 100 ft steel tape standard
 at 68° F.

Temperature correction for
 brass wire = .0000106 ft. per
 foot per degree F.

~~Transferred
 from T. 5 p. 51~~

	Stape measure	Vertical Angle etc.	Temperature	Corrected Stape	Cor. for Temp.	Correction for Catenary	Total Cor.	True Dist.	
Wire	500.415	2° 17'	66°	500.017	.074	.250	.324	499.693	Day 4.1 to 5
"	500.415	1° 46'	64°	500.177	.085	.518	.603	499.574	Full swing.
"	399.900	4° 14'	62°	398.808	.076	.064	.140	398.668	250' clear, bal on ground
"	500.415	3° 25'	66°	499.534	.074	.032	.106	499.428	200. Pitts.
tape	100.000	hor.	66	100. —	—	—	—	100.000	
"	49.9	to old hole at S.E. cor Capital							Will add. (not counted in measure to center Sec. 34)
Wire	500.415	2° 32'	60°	499.925	.106	.050	.156	499.769	175' x 150' clear.
tape	83.	hor	60°	—	—	—	—	83. —	
"	68.84	"	60°	—	—	—	—	68.840	to center of Sec. 34.
				2650.301			1.329	2648.97 "	

(over)