

Traveling at noon; therefore it was impossible to take observation for latitude.

July 10, 1915.

BOUNDARIES OF T. 30 N., R. 22 E.
Latitudes, Departures and Closing Errors.

Line designated	Bearing	Dist.	Latitudes		Departures	
			N.	S.	E.	W.
Cor. of Ts. 29 & 30 N., Rs. 21 & 22 E., to cor.						
bet. secs. 19 & 24	North	200.00	200.00			
N. 1/2 line bet. 19 & 24	N. 0° 15' E.	40.00	40.00			.18
Cor. of 13, 18, 19 & 24 to CC of Ts. 30						
N., Rs. 21 & 22	North	263.26	263.26			
CC. of Ts. 30 N., Rs. 21 & 22 E., to SC						
of Ts. 31 N., Rs.						
21 & 22 E	S. 89° 31' E	30.33		.26	30.33	
SC. of Ts. 31 N., Rs.						
21 & 22 E., to CC of						
Ts. 30 N., Rs. 22 & 23						
E.	East	444.22			444.22	
E. bdy. T. 30 N. R. 22 E	South	501.86		501.86		
S. bdy. R. 30 N. R. 22 E	West	477.54				477.54
Convergency						.64
Totals			503.26	502.12	475.37	477.54
			502.12			475.37
Errors in lat.			1.14	In dep.		2.17

GENERAL DESCRIPTION

Running approximately north and south and roughly dividing this township into a fourth part on the east and three fourths on the west is the line between the Lake Range of Mountains and a gentle incline sloping eastward to the San Mateo Desert.

The eastern fourth has a soil ranging from sandy and gravelly to heavy adobe clay. The part next to the mountains has considerable tracts liberally strewn with stones and boulders of varying sizes.

The vegetation of this part consists principally of greasewood, which grows very rank in some places and smaller in other places. There is also some shadscale and sagebrush, but very little grass.

The western three fourths of the township is quite rough, as it includes a part of the summit of the divide between the San Mateo and Smoke Creek Deserts. The soil averages very rocky, some of the high points being composed entirely of rock. In many places though there is a filler of a fertile sandy loam, producing a fair to good growth of sage brush. There is a great deal of juniper timber suitable for fuel and posts in this part of the township, especially toward the west. There is an abundance of good grass in the entire western half of the township, which with a plentiful supply of water, makes that part of the township ideal for grazing.

R. J. Bonham in section 33 and McFeeny and Rupert in section 35 have fair dwelling houses and have made considerable other improvements. At the time of my making the survey George Latham had a camp in section 18 for capturing and breaking mustangs and a tiny bit of land under cultivation. There is a small deserted cabin in section 5.

Very respectfully,
Walter E. Hoffman
U. S. Surveyor.