

## Boundaries of T. 31 N., R. 57 E.

37.

Latitudes, departures and closing errors.						
Line designated	True Bearing	Distance	Latitudes		Departures	
			N.	S.	E.	W.
6th.St.Par.N.	S.89°43'E	234.98		1.18	234.98	
6th.St. Par. N.	East	5.02			5.02	
E.Boundary	North	480.00	480.00			
N. Boundary	N.89°51'W	237.40	.66			237.40
Sub. Lines:						
Secs. 3 and 4	S.0° 11'W	80.35		80.35		.26
Secs. 9 and 10,						
15 and 16,21 and						
22 and 27 and 28	S.0° 06'W	319.95		319.95		.57
33 and 34	S. 0°55'W	79.81		79.80		1.27
Convergency-----						.31
Totals-----			480.66	481.28	240.00	239.81
				480.66	239.81	
Error in latitude-----				0.62		
Error in departure-----					0.19	

## GENERAL DESCRIPTION.

This fractional township lies on the west slope of the Ruby mountains and is generally rough, mountainous, although there is some bench land in the westerly range of sections that is but gently rolling. This bench land is fair farming land, the principal crops being hay. The higher ridges are very precipitous and most of the slopes have very much solid rock exposed. The soil is composed of decomposed rock and is generally very stony. There is considerable vegetable loam on the surface, especially on the N. slopes where the vegetation is very dense, where not solid rock. Growing over most of the Tp. are nutritious grasses. Where the undergrowth is not too dense, bunch grass grows abundantly and the cultivated benches grow abundant crops of alfalfa and timothy hay. The small grains and potatoes also do well in this soil. The most of the rock exposed in this township is granite, quartzite and basalt. There is some lime and sand stone and I noted a few ledges of quartz. The township has not been very thoroughly prospected, although there are a few prospects showing some traces of lead, silver and copper, but no large bodies of ore have been found, and I saw no evidence that would lead me to believe, if developed, would produce any appreciable values.

On the N. slopes of nearly all the ridges, is a dense growth of aspen timber with very dense undergrowth of willows, choke cherry, etc. On the higher ridges, there are many mountain mahogany trees and a few very large pine trees which would make excellent lumber. Other timber is valuable for fence posts, charcoal and cord wood. Besides willows and choke cherry, the undergrowth is sage and buck brush, service berry and chaparral.

This fractional township is well watered, nearly every draw having a good sized stream of pure spring water. These streams are the head waters of the South Fork of the Humboldt River.

The most of this fractional township is in the Humboldt National Forrest.

There are five settlers in the fractional township. All are holding Homesteads and are cultivating the soil.