

64.

Boundaries of T. 19 N., R. 46 E.

Latitudes, departures and closing errors.

Line designated.	True bearing.	Dist.	Latitude.		Departure.	
			N.	S.	E.	W.
E. bdy.	North.	480.00	480.00	-----	-----	-----
N. boundary	S. 89°58' W.	534.16	-----	.31	-----	534.16
W. boundary	South	420.20	-----	420.20	-----	-----
W. boundary	S 0° 05' W.	59.80	-----	59.80	-----	.09
S. boundary	East	534.40	-----	-----	534.40	-----
Convergency,						.67
			480.00	480.31	534.40	534.92
				<u>480.00</u>		<u>534.40</u>
			Error in latitude	-----	.31	Error dep. .52

General Description.

This township is rolling in the central, western and extreme eastern portions and mountainous in the east central and southern portions. The mountains are generally rough with steep slopes and having exposed, perpendicular ledges bordering the summits thereof. The soil is a rocky and shallow, loose, light brown clay mixed with decomposing granite rock. The soil of the low, rolling hills, is gravelly, clay loam about 6 ins. deep, underlaid with a compact clay subsoil. Large, wide draws and ravines have a deep, dark, clay loam which is generally mixed with decomposing, granite rock which has been washed from the foothills and mountain slopes. A narrow, level piece of bottom land lies along Dry Creek in secs. 12 and 13, the soil being gravelly, dark loam about 10 to 14 ins. deep with a gravelly and stony subsoil. The township has a dense growth of mountain mahogany, pinon pine and juniper in the mountains of the east central portion and pinon pine and juniper on the low, rolling hills of the central portion. This timber is useful for firewood, fence posts and charcoal. Several small springs are found throughout the mountainous portion of the township and along the bordering foothills; these furnish water for numerous herds of cattle, sheep and horses which are found grazing within the township. Ackerman Spring located on the S. boundary of sec. 35, furnishes water for stock purposes and is also used to irrigate a small patch of potatoes. The main portion of the ranch of John Hickison, is located in secs. 12 and 13. Tillable land on this ranch is located in a narrow bottom along Dry Creek, which flows through these sections. Water for irrigation, is obtained from the melting snows on the head of Dry Creek in the high mountains to the north and from numerous small springs which are found along the upper head of this creek and its tributaries. The crops raised, are mostly wild hay, alfalfa, small grains and the hardier vegetables. Slight traces of mineral are found in the central and north central portions of this township and considerable prospecting has been done throughout this section of the township.