

Latitudes, Departures and Closing Errors, T. 33 N., R. 19 E.

| Line designated.   | Course.       | Distance. | Latitudes. |        | Departures. |        |
|--------------------|---------------|-----------|------------|--------|-------------|--------|
|                    |               |           | N.         | S.     | E.          | W.     |
| E. Bdy.            | N. 0° 30' W.  | 41.18     | 41.18      |        |             | .36    |
|                    | N. 0° 29' W.  | 41.34     | 41.34      |        |             | .35    |
|                    | N. 0° 22' W.  | 41.02     | 41.02      |        |             | .26    |
|                    | N. 0° 40' W.  | 41.86     | 41.86      |        |             | .49    |
|                    | N. 1° 02' W.  | 41.27     | 41.26      |        |             | .75    |
|                    | N. 0° 56' W.  | 39.78     | 39.78      |        |             | .65    |
|                    | N. 0° 20' E.  | 41.40     | 41.40      |        | .24         |        |
|                    | N. 0° 38' W.  | 40.35     | 40.35      |        |             | .44    |
|                    | N. 0° 32' W.  | 41.11     | 41.11      |        |             | .38    |
|                    | N. 2° 05' W.  | 43.99     | 43.96      |        |             | 1.60   |
|                    | N. 0° 21' W.  | 41.48     | 41.48      |        |             | .25    |
|                    | N. 0° 43' W.  | 28.86     | 28.86      |        |             | .36    |
|                    | N. 0° 01' W.  | 12.00     | 12.00      |        |             |        |
|                    | N. Bdy.       | West      | 473.34     |        |             |        |
| W. Bdy.            | S. 0° 40' E.  | 19.79     |            | 19.79  |             | .23    |
|                    | S. 0° 16' W.  | 40.15     |            | 40.15  |             | .19    |
|                    | S. 0° 13' E.  | 319.48    |            | 319.48 |             | 1.21   |
|                    | S. 0° 34' W.  | 114.89    |            | 114.89 |             | 1.14   |
| S. Bdy.            | East          | 320.04    |            |        | 320.04      |        |
|                    | N. 86° 55' E. | 32.85     | 1.77       |        | 32.80       |        |
|                    | S. 85° 48' E. | 41.29     |            | 3.02   | 41.18       |        |
|                    | S. 89° 46' E. | 85.30     |            | .35    | 85.30       |        |
| Convergency        |               |           |            |        |             | .62    |
| Totals             |               |           | 497.37     | 497.68 | 481.00      | 481.18 |
|                    |               |           |            | 497.37 |             | 481.00 |
| Error in latitude  |               |           |            |        |             | .31    |
| Error in departure |               |           |            |        |             | .18    |

General description of T. 33 N., R. 19 E.

The land in the eastern portion of the township is mountainous and cut by deep canyons, with abrupt, rocky, and broken slopes; this condition generally prevailing along Buffalo Creek, the remaining portion of the township being rolling mountainous land.

The soil is a heavy clay, capable of producing good crops, but generally too rough and rocky for farming purposes, and is, generally, thickly strewn with surface rock of volcanic origin.

The predominant undergrowth is sage; a medium growth of shadscale may be found on some of the lower slopes, and a scattering growth of buckbrush over the western portion of the township. There is a fair growth of grass over the entire area. There is a scattering to medium growth of juniper in the northeast portion of the township, which is suitable only for fuel or fence posts.

Buffalo Creek, which flows through the township