

## Township 16 North, Range 63 East

Chains

The south and east boundaries, the east two and a half miles of the north boundary, and the subdivision of the eastern portion of the township (21½ sections) were surveyed in 1871-72 by Deputy Surveyors Monroe and Bateman and are represented on the plat accepted and approved June 15, 1872. The remainder of the township and subdivisional lines were surveyed by Deputy Surveyor W. N. McGill in 1878 and are represented on the plat accepted and approved September 28, 1878. The cor. of Ts. 16 and 17 N., Rs. 63 and 64 E. was remonumented and the cor. of secs. 2, 3, 34 and 35, Ts. 16 and 17 N., R. 63 E. was recovered in 1943. The east one mile of the north boundary was resurveyed by Horace G. Parker in 1955 under this same group and appears in the field notes of T. 17 N., R. 63 E. The following field notes are those of the dependent resurvey of a portion of the east boundary and subdivisional lines of the Tp.

The resurvey was initiated on the official request of the State Supervisor for Nevada to provide identification of the boundaries of the sections considered suitable, in whole or in part, for small tracts.

Before restoring the corners, the lines of the original survey were retraced and diligent search made for any evidence of the original corners and other calls of the original field note record. When duly identified, the corner positions were remonumented with an iron post and new corner accessories were constructed.

The rules of proportionate measurement were applied when required to ascertain the positions of lost corners, after completing the necessary retracements to connect the identified corner locations, but not until exhausting every reasonable possibility of finding direct evidence for the control of each particular cor.

The resurvey was executed with W. and L. E. Gurley solar transit, serial No. 262684, constructed in accordance with the standard specifications of the Bureau of Land Management. The instrument was in good condition and placed in satisfactory adjustment prior to the beginning of the survey.

The directions of all lines were determined by deflections from U. S. C. & G. S. triangulation station Ely Airport and B. M. V31, as well as by observations made upon the sun throughout the survey. The measurements were made with steel tapes, 5 chains in length, graduated every link for the first 100 links, and thereafter at intervals of 10 links. The tapes were tested by comparison with a standard tape and found correct. The measurements were made on the slope and the vertical angle of each interval was ascertained by a clinometer in good adjustment. The horizontal equivalents only are entered in this field note record. All lengths of lines were determined by chaining.

The geographical position of the corner of sections 1, 6, 7 and 12, Ts. 16 N., Rs. 63 and 64 E. was determined to be Latitude 39° 18' 12.87" N., and Longitude 114° 48' 19.0" W. The mean magnetic declination was found to be 16° 30' E.

Dependent Resurvey, Portion of the East Boundary, T. 16 N., R. 63 E.

Reestablishment of the Survey Executed by  
Monroe and Bateman, Deputy Surveyors, in 1871-1872.

Point for the cor. of secs. 1, 6, 7 and 12, Ts. 16 N., Rs. 63 and 64 E., on the E. bdy., monumented with the remains of a cedar post lying on a mound of earth, mkd. and witnessed as described in the official record. This cor. has been used by local residents and is accepted as the true location for the corner position.