

Dependent Resurvey of a Portion of T. 8 S., R. 44 E.

Chains

The exterior boundaries of T. 8 S., R. 44 E., were surveyed by A. R. Talamantes, Deputy Surveyor, in 1906 under Contract No. 251. These surveys are represented upon the township plat approved May 27, 1908, on file in the Bureau of Land Management Office. The North boundary was Dependently Resurveyed by Horace G. Parker, Cadastral Surveyor, in 1961, and is recorded in the final returns of the Dependent Resurvey of the South boundary of T. 8 S., R. 44 E.

The following field notes are those of the Dependent Resurvey, or reestablishment, of a portion of the east and west boundaries, and survey of a portion of the subdivisional lines of the township. The surveys were initiated on the official request of the State Director of Nevada to accommodate Pitman Act permits and several small tract applications.

Before restoring the corners, the lines of the original survey were retraced. When duly identified the corner positions were remonumented and new accessories added. The original corners were found and identified from set stones, plainly marked.

In order to simplify the record, the true line notes only are supplied herewith, which refer to the completed resurvey and survey.

The survey was executed with a W. and L. E. Gurley solar transit, Serial No. 590909, which conforms to the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition and was maintained in precise adjustment throughout the survey. The measurements were made with a narrow steel tape, 5 chains in length, graduated to tenths of links for the first link, to links for the next 99 links, and thereafter at intervals of 10 links. The tape was tested by comparison with a one chain standard steel tape and found correct. The measurements were made on the slope, and the vertical angle of each interval is ascertained by a clinometer in good condition and adjustment; the horizontal equivalents are entered in the field note record.

The direction of the lines of this resurvey and survey were determined by altitude observations on the sun for azimuth. The lines were carried forward by sustained angulation being supplemented by other altitude observations on the sun for azimuth taken throughout the progress of the survey.

The geographic position for the northeast corner of the township is latitude $37^{\circ} 16' 46.82''$ N. and longitude $116^{\circ} 59' 08.96''$ W., as determined from a tie to the U.S.C.&G. Triangulation Station "Sarco". Data on "Sarco" was furnished with the Special Instructions.

The magnetic declination was read at a number of station and the average of these readings gave a uniform value of $16^{\circ} 30'$ E.

Dependent Resurvey of a Portion of the East Boundary, T.8S., R.44E.

Reestablishment of the Survey
executed by A. R. Talamantes,
Deputy Surveyor, 1906.

Beginning the dependent resurvey of a portion of the E. bdy. of the Tp. at the cor. of secs. 19, 24, 25 and 30, monumented with a basalt stone, 18x10x5 ins., above ground, firmly set, marked and witnessed as described in the official record.

At the corner point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.