

## Dependent Resurvey of Portion of Township 7 South, Range 44 East

## 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 following field notes are those of the dependent resurvey, or reestablishment, of the south boundary; 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 six Pitman Act permits and several small tract applications.

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

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 Number 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 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 taken throughout the progress of the survey.

The geographic position for the southeast 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. Coast and Geodetic triangulation Station "Sarco". Data on "Sarco" was furnished with the special instructions.

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

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Dependent Resurvey of the South Boundary, T. 7 S., R. 44 E.

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

Beginning at the cor. of Tps. 7 and 8 S., Rs. 44 and 45 E. monumented with a basalt stone, 8x12x8 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.