

TOWNSHIP 28 NORTH, RANGE 70 EAST

CHAINS

The following field notes are those of the retracement of the Nevada-Utah State Line between Mile Post Nos. 69 and 75 and the independent resurvey of the subdivisional lines of Township 28 North, Range 70 East.

The Nevada-Utah State Line was surveyed by U. S. Astronomer and Surveyor I. E. James in 1870. Cadastral Surveyor Leslie H. Godwin retraced between Mile Post Nos. 62 and 81 in 1958 under Group No. 422, Utah. The north, south and west boundaries and subdivisional lines were surveyed by U. S. Deputy Surveyors Preble and Thorburn. The boundaries were surveyed in 1881 under Contract No. 130 and the subdivisional lines in 1882 under Contract No. 160. Cadastral Surveyor Eldon W. Sibley independently resurveyed the north boundary and retraced the 69th mile on the Nevada-Utah State Line in 1970 under Group No. 463. The south and west boundaries were independently resurveyed concurrently under this same group.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, and the Special Instructions dated April 5, 1971.

Lines connecting previously established corners were run by the random and true method. In order to simplify the record, the true line notes are supplied herewith which refer to the completed survey.

The directions of the lines of the survey were determined from sustained angulation to and through the survey from U.S.C. & G.S. triangulation station "DON," located in sec. 24; Township 29 North, Range 69 East.

The vertical angles of measurements made on the slope were ascertained by a clinometer in good adjustment; the horizontal equivalents only are entered in the field notes.

The geographic position for the southeast corner of the township is at latitude $40^{\circ} 14' 50.1''$ N. and longitude $114^{\circ} 02' 43.4''$ W., as calculated from a direct tie to U.S.C. & G.S. triangulation station "WILDMULE." This tie is given in the field notes of the concurrent resurvey of T. 27 N., R. 70 E. of this same group.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 17° east.

RETRACEMENT OF A PORTION OF THE NEVADA-UTAH STATE LINE

Retracement of the Survey Executed by U. S. Astronomer and Surveyor I. E. James in 1870, and retraced by Cadastral Surveyor Leslie H. Godwin in 1958, under Group No. 422, Utah.