

RETRACEMENT OF A PORTION OF THE NEVADA-UTAH STATE LINE

The survey herein described was executed with a light mountain solar transit made by Buff and Buff, serial number 23817, constructed in accordance with the standard specifications of the Bureau of Land Management. The instrument was in good condition and in satisfactory adjustment prior to the beginning of the survey.

The directions of the lines were determined by deflection from the south boundary of the township and checked by deflection from each other or from the other boundaries of the township, the bearings of which were determined or verified by observations on Polaris. The measurements were made with a Lallie steel tape, 5 chains in length, graduated every link for the first 100 links, and thereafter at intervals of 10 links. The tape was 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.

The data furnished with the Special Instructions give the geographic position of the SW. cor. of T. 9 S., R. 71 E., as: latitude $37^{\circ} 06' 15''$ N, and longitude $114^{\circ} 06' 33''$ W.

The 286th Mi. cor. on the Nevada-Utah State line is monumented with an iron post, 3 ins. diam., 18 ins. above ground, marked and witnessed as described in the official record.

Raise a mound of stone, 4 ft. base, around post to top.

S. $0^{\circ} 05'$ E., on 287th mile.

Over mountainous desert land, ascend 10 ft. on N. slope.

.80	Spur, slopes N. 75° W.; descend 100 ft. on broken SW. slope.
15.00	Side ravine, drains N. 80° W.; ascend 150 ft. on broken NW. slope.
27.00	Side spur, slopes W.; descend 60 ft.
32.00	Side ravine, drains W.; ascend 95 ft.
37.30	High spur, slopes S. 75° W.; descend 290 ft. on broken S. slope.
41.59	A point, 6 lks. E. of the closing cor. of secs. 23 and 26, T. 41 S., R. 20 W., Utah, monumented with an iron post, 2 ins. diam., 24 ins. above ground, and in a deteriorated mound of stone. Raise new mound of stone, 4 ft. base, around post to top, and add marks to read.

NEVADA	T 41 S R 20 W S 23 S 26 AM 1953 1920	CC
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56.00	Ravine, drains S. 15° W.
61.00	Short side ravine, drains N. 75° W.; ascend 120 ft.
67.50	Long spur, slopes S. 75° W.; descend 170 ft.
78.85	The 287th Mi. cor. on the Nevada-Utah State line, monumented with an iron post, 2 ins. diam., 30 ins. above ground, marked and witnessed as described in the official record.
	Re-build mound of stone around post to top.