

Township 21 North, Range 62 East

CHAINS

The following field notes are those of the dependent resurvey of the Fourth Standard Parallel North, (S. bdy., T. 21 N., R. 62 E.,) with the reestablishment of the standard corners at 40.00 and 80.00 chain intervals at record bearing and distance for the East four miles through Range 62 East.

The Fourth Standard Parallel North, through Range 62 East, was surveyed by Bell and Bell, Deputy Surveyors, under contract no. 162, in 1883. The line was retraced and diligent search was made for any remaining evidence of the original corners and other calls of the field note record, but no evidence could be located to verify the original corner positions on the east four miles of the Fourth Standard Parallel through Range 62 East.

The resurvey was requested by the District Manager, Bureau of Land Management, to identify the boundaries of the public lands to facilitate administration under appropriate land laws.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, and the Special Instructions, dated June 14, 1963.

The direction of the lines of this survey were determined by altitude observations on the sun. The line was carried forward by sustained angulation, being supplemented by other altitude observations on the sun, taken throughout the progress of the survey.

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 note record.

The geographic position of the southwest corner of the township is latitude $39^{\circ} 38' 19.865''$ N., and longitude $115^{\circ} 01' 00.889''$ W. This corner is also identical with the triangulation station NPD-WPA-047L.

The magnetic declination was read at a number of stations throughout the progress of the survey and the average of the several readings was found to be 17° E.

Dependent Resurvey of the Fourth Standard Parallel
North-South Bdy., T. 21 N., R. 62 E.

Reestablishment of the Survey Executed by
Bell & Bell, Deputy Surveyors, in 1883

Beginning at the standard cor. of Tps. 21 N., Rs. 61 and 62 E., monumented with an iron post, $2\frac{1}{2}$ ins. diam., set, mkd. and witnessed as described in the field notes of the Dependent Resurvey of the Fourth Standard Parallel North, through Range 61 E.