

Township 5 South, Range 61 East

Chains

The First Standard Parallel South, along the south boundary of T. 4 S., R. 61 E. was originally surveyed by Monroe and Bateman, Deputy Surveyors, in 1871 and was retraced by Benson and Putnam, Deputy Surveyors, in 1881. The west, south, and east boundaries of T. 5 S., R. 61 E. were surveyed by E. B. Monroe, Deputy Surveyor, in 1870.

The following field notes are those of a dependent resurvey of the First Standard Parallel South, along the south boundary of section 36, T. 4 S., R. 61 E. and the independent resurvey of the east boundary of T. 5 S., R. 61 E. The independent resurvey of the east $\frac{1}{2}$ of the south boundary of T. 5 S., R. 61 E. was executed concurrently and the record appears in the field notes of the survey and resurvey of boundaries of T. 6 S., R. 61 E.

The survey was executed with Buff and Buff solar transits Nos. 26591, 17992, and 17994. For a description of these transits and other equipment used, tests of instruments, determination of meridian, and methods of procedure, see field notes entitled, "Dependent Resurvey of the East $\frac{1}{2}$ Mile of the South Boundary; Independent Resurvey of the West $5\frac{1}{2}$ Miles of the South Boundary, and Survey of the West Boundary of T. 8 S., R. 66 E.", executed concurrently under this same survey group.

The geographic position of the SE. corner of T. 5 S., R. 61 E., determined by double chained traverse line to geographic positions shown in the Special Instructions is latitude $37^{\circ} 27' 51.9''$ N., longitude $115^{\circ} 04' 53.7''$ W.

All lines of this survey were double chained and the distances shown in these field notes are the average of the two measurements. In no instance was the difference between the two measurements greater than 8 links for any one half mile.

Dependent Resurvey of the First Standard Parallel South,
Along the South Boundary of Section 36, T. 4 S., R. 61 E.

Reestablishment of the Line Surveyed by
Monroe and Bateman, Deputy Surveyors, in 1871,
and
Retraced by Benson and Putnam, Deputy Surveyors, in 1881.

Beginning at the original standard cor. of secs. 35 and 36, T. 4 S., R. 61 E., which is monumented with a limestone, 4x3x2 ins. above old flat mound of earth, mkd. "X" on top end, and other indistinct markings on E., W., and N. sides.

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.

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T4S R61E
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Deposit the old corner stone alongside; dig a surrounding circular trench, 5 ft. diam., 1 ft. deep; and raise a flat mound of earth around the iron post.