

Township 5 South, Range 63 East

Chains

The First Standard Parallel South, along the south boundary of Ts. 4 S., Rs. 62 and 63 E., was originally surveyed by Monroe and Bateman, Deputy Surveyors, in 1871, and was retraced by Benson and Putnam, Deputy Surveyors, in 1881.

The following field notes are those of a dependent resurvey of the First Standard Parallel South along the east $\frac{1}{2}$ mile of the south boundary of section 36, T. 4 S., R. 62 E.; dependent resurvey of the First Standard Parallel South, along the east $\frac{1}{2}$ mile of the south boundary of section 36, T. 4 S., R. 63 E.; survey of the west boundary of T. 5 S., R. 63 E. and survey of the east boundary of T. 5 S., R. 63 E. The survey of the south boundary of T. 5 S., R. 63 E. was executed concurrently under this same survey group, the record of which appears in the field notes of the survey of the north boundary of T. 6 S., R. 63 E.

The survey was executed with Buff and Buff solar transits Nos. 26591, 17992 and 17994. For a description of these transits and of 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. cor. of T. 5 S., R. 63 E., determined by double chained traverse line to geographic positions shown in the Special Instructions and to U.S.C. & G.S. Triangulation Station "Voltage" in T. 5 S., R. 64 E., is latitude $37^{\circ} 27' 49.5''$ N., longitude $114^{\circ} 51' 57.3''$ 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 East $\frac{1}{2}$ of the South Bdy. of Sec. 36, T. 4 S., R. 62 E.

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

Beginning at the original standard $\frac{1}{4}$ sec. cor. of sec. 36, T. 4 S., R. 62 E., which is monumented with a trachyte stone, 4x4x3 ins. above an old mound of earth and small stones, and mkd. \dagger on top face.

At the corner point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 27 ins. in the ground, with brass cap mkd.

S C
 $\frac{1}{4}$ S 36

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Deposit the old corner stone alongside the iron post, and dig a circular trench, 8 ft. diam., 1 ft. deep, around the corner.