

Independent Resurvey of the Fourth Standard Parallel South, Along  
a Portion of the South Bdy. of T. 16 S., R. 62 E.

Chains

The original survey of the south bdy. of T. 16 S., R. 62 E. was executed by R. H. Woods and W. H. Myrich, Deputy Surveyors in 1881.

The following field notes are those of an independent resurvey of the east  $5\frac{1}{2}$  miles of the south bdy. of T. 16 S., R. 62 E., superseding the original survey of this line.

Survey commenced April 30, 1941, and was executed with Buff and Buff solar transit No. 9983. For a description and test of this instrument and description of methods of measurement and of projection of lines, see field notes of the independent resurvey of the south bdy. of T. 16 S., R. 63 E., which was executed concurrently under this same group.

The independent resurvey of the 4th Standard Parallel South, along a portion of the south bdy. of T. 16 S., R. 62 E. is initiated at the standard cor. of T. 16 S., Rs. 62 and 63 E., which is monumented with an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record. Elevation of this cor. determined by U.S.G.S. is 2,966 ft.

The line is projected westward as a tangent line; distances are determined by double chaining, and the mean distance determined by the two sets of chainmen is, in each case, adopted as the true distance. The greatest difference between the two sets of chainmen in any half mile was 7 lks.

The geographic position of the standard cor. of T. 16 S., Rs. 62 and 63 E., determined from U.S.G.S. quadrangle sheet "Dry Lake" is,

Latitude     36° 29' 29" N.  
Longitude    114° 58' 35" W.

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Portion of the South Bdy. of T. 16 S., R. 62 E.

Superseding the survey executed by R. H. Woods and W. H. Myrich, in 1881.

From the standard cor. of T. 16 S., Rs. 62 and 63 E.

West, along the S. bdy. of sec. 36, on a transit line, describing the tangent.

Asc. 100 ft. over rolling desert draining generally W. 75° E.

25.60 Right bank of dry wash, 3 ft. deep, course NE.

27.20 Left bank of dry wash.

33.10 Right bank of dry wash, 3 ft. deep, course N. 70° E.

35.60 Left bank of dry wash.

40.00 Point for the standard  $\frac{1}{4}$  sec. cor. of sec. 36, on the tangent. There is no remaining evidence of the original cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with brass cap mkd.

SC  
 $\frac{1}{4}$  S36

1941

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.