

## Township 6 South, Range 62 East

Chains

Prior to the present work no surveys had been executed, either of the exteriors or of the subdivision of this township. The following field notes are those of the survey of the east and north boundaries of the township. The survey of the south and west boundaries of the township was executed concurrently; the field notes of the south boundary are included in the field notes of surveys of the boundaries of T. 7 S., R. 62 E. and the field notes of the west boundary are included with the field notes of the survey of portions of the 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. cor. of T. 6 S., R. 62 E., determined by double chained traverse line to geographic positions shown in the Special Instructions is, latitude  $37^{\circ} 22' 36.3''$  N., longitude  $114^{\circ} 58' 28.8''$  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.

The corners on the north boundary of T. 6 S., R. 62 E. are established on a true latitudinal curve projected West from the NE. corner of the township to an intersection with the west boundary of the township.

## Survey of the East Boundary of T. 6 S., R. 62 E.

Beginning at the corner of Ts. 6 and 7 S., Rs. 62 and 63 E., which is monumented with an iron post,  $2\frac{1}{2}$  ins. diam., firmly set, mkd. and witnessed as described in the field notes of the survey of the E. bdy. of T. 7 S., R. 62 E. executed concurrently under this same survey group.

North, bet. secs. 31 and 36, T. 6 S., R. 62 and 63 E.

Over mountainous land, through scattered timber and undergrowth; asc. 245 ft. over rocky SE. slope.

8.60 Top of round peak in spur, which slopes NE.; desc. 315 ft. over NE. slope.

36.00 Ravine, with wash in bottom, 20 lks. wide, 5 ft. deep, drains N.  $40^{\circ}$  E. from W.; asc. 25 ft. over SE. slope to  $\frac{1}{4}$  sec. cor.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 31 and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 10 ins. in the ground to solid rock, with brass cap mkd.

$\frac{1}{4}$   
S 36 | S 31  
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Raise a supporting mound of stone, 4 ft. diam., 20 ins. high, around the iron post.