

Dependent Resurvey of T. 32 S., R. 66 E., M.D.M.

Chains

As it would be impractical to record all the numerous observations, only the following typical observation is recorded herein.

May 1, 1947, at the corner of secs. 11, 12, 13 and 14, in approximate latitude 35° 10' N., and longitude 114° 35' W., I make an altitude observation of the sun, first setting on the sun's upper and right limbs, then, after reversal of the instrument, setting on the lower and left limbs; the horizontal angles are measured from a flag point established approximately 11 chains East by deflection from previously established lines.

Mean watch time of observation, M. S. T. 8h 41m a.m.
Mean vertical angle 33° 57' 45"
Mean horizontal angle 5° 23'
Reduced bearing of point N. 89° 59' 45" E.

I commence the resurvey at the corner of secs. 26, 27, 34 and 35, in latitude 35° 07½' N., longitude 114° 36' W., as computed from the geographic position of U. S. C. & G. S. triangulation station Silver Creek, which is marked by the original corner monument, a weathered mesquite post, 2 ins. square, 36 ins. long, no legible marks remaining, loosely set in a mound of stone.

At the corner point

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with brass cap mkd.

T32S R66E
S27|S26
S34|S35

1947

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. and bury the original mesquite post at the base of and alongside the iron post.

Thence

South, bet. fractional secs. 34 and 35.

Over level bottom land.

2.50 Enter dense arrow weed, scrub mesquite and willows.

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

T32S R66E
S34|S35

WC
MC

1947

No suitable accessory.

7.68 Right bank of the Colorado River, 12 ft. high. Point for the meander corner of fractional secs. 34 and 35. Impractical to establish a permanent corner monument on the insecure silt bank.

Land, level.

Soil, silt, 2nd rate.

Timber, none.

Undergrowth, arrow weed, scrub mesquite and willow brush.

Crazing, poor.