

INDEPENDENT RESURVEY OF E. BDY. OF T. 25 S., R. 63 E.

Chains

notches on N., E., S. and W. edges, set in a mound of earth and stone, bears N.3°19'E., 13.73 chs. dist. I remove the marks from this stone.

Land, rocky hills on S. 3¹/₄ chs.; rolling land broken by washes on remainder of mile.

Soil, rocky and gravelly; 3d and 4th rate.

Timber, none.

Undergrowth, creosote brush, yucca, cat claw and cactus; scattered growth of weeds and grass.

Grazing, poor.

INDEPENDENT RESURVEY OF W. BDY. OF T. 25 S., R. 63 E.

Independent Resurvey, Superseding the Survey Executed by T. A. Magee, Deputy Surveyor, in 1882.

May 8, 1940, at the cor. of Ts. 25 and 26 S., Rs. 63 and 64 E., which is an iron post 3 ins. diam., firmly set, marked and witnessed as described in the field notes of the independent resurvey of T. 26 S., R. 63 E., this group, approximate latitude 35°43'N., and longitude 114°59'W., I make an hour angle observation upon Polaris E. of the meridian, making two sights each with the telescope in direct and reversed positions, reading the horizontal deflection angle to the E. to Polaris, from a flag about 20 chs. N. My watch reads correct 120th meridian time, as determined by comparison with radio time signals.

Mean 120th meridian standard time of observation 6h 33m a.m.

Mean horizontal deflection angle from
flag, E. to Polaris 2°13'
Azimuth of Polaris..... 1°03'E. ✓
True bearing from corner to flag..... N. 1°10'W.

I sight on the flag and deflect an angle of 1°10' to the right, and establish a second flag on the true meridian.

Thence,

North, bet. secs. 31 and 36, along the W. bdy. of the Tp., by projection of the meridian established by Polaris observation.

Over gently rolling desert land, through scattered undergrowth; descend a gentle N. slope.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with a brown glass pint bottle deposited at the base, for 1/4 sec. cor. with brass cap marked

1/4
S36 | S31
1940

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with a granite stone, 8x6x6 ins., marked X, deposited at the base, for cor. of secs. 25, 30, 31 and 36, with brass cap marked

T25S
R62E R63E
S25 | S30
S36 | S31
1940

Land, gently rolling desert; general drainage and exposure, N.