

SURVEY OF TOWNSHIP 14 NORTH, RANGE 30 EAST

Chains

For a description of instruments, method of obtaining and projecting the azimuth of lines and method of measurements, refer to the field notes of T. 13 N., R. 32 E., executed under this group.

The geographic coordinates of the cor. of secs. 19, 24, 25 and 30, T. 14 N., Rs. 30 and 31 E., M.D.M., Nevada, as determined by reference to U.S.C.&G.S. triangulation station "SANDY" 1935, are as follows: Latitude $39^{\circ} 03' 17.2''$ N., and Longitude $118^{\circ} 34' 04.4''$ W.

April 22, 1937, at the above mentioned sec. cor., at 6h 22m 44s p.m.; l.m.t., I make an hour angle observation on Polaris, making a series of 4 direct and 4 reverse pointings at the star and referencing these pointings to a flag on the range line bet. Rs. 30 and 31 E., about $3\frac{1}{2}$ miles N. of this sec. cor.

Mean azimuth of Polaris, west of north..... $1^{\circ} 18' 32''$

Mean angle turned to flag, E. to W..... $1^{\circ} 18'$

Mean bearing of range line..... N. $0^{\circ} 0' 32''$ W.

The magnetic declination was not determined.

Commence the survey of the E. bdy. of T. 14 N., R. 30 E. at the cor. of Tps. 13 and 14 N., Rs. 30 and 31 E.; a 3 in. iron post, firmly set, mkd. and witnessed as described in the official record.

North, through T. 14 N., bet. Rs. 30 and 31 E., bet. secs. 31 and 36.

Desc. over gentle rolling N. slope, through medium dense undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a granite rock $2 \times 3 \times 4$ ins., mkd. X, deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
S36 | S31

1937

Continue over gentle rolling N. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with an igneous rock, $2 \times 3 \times 4$ ins., mkd. X, deposited at the base, for cor. of secs. 25, 30, 31, and 36, with brass cap mkd.

T14N
R30E | R31E
S25 | S30
S36 | S31

1937

Land, gentle rolling N. slope.

Soil, sandy, 3rd rate.

No. timber; undergrowth, shadscale, greasewood, greenbrush and some grass.

Grazing, fair.

N. bet. secs. 25 and 30..

Over nearly level land through dense undergrowth.

24.00 Enter small alkali flat, extends 12 chs. E. and W.