

Dependent Resurvey of the 8th Stan. Par. N. through R. 35 E.

Chains

At cor. point

Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in the ground, with the original cor. post deposited at base, for standard cor. of Tps. 41 N., Rs. 34 and 35 E., with brass cap mkd.

T41N
R34E R35E
S36 | S31

1940

raise a mound

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

Land, nearly level.

Soil, sandy, alkaline clay, 3d rate.

No timber; undergrowth, shadscale and greasewood.

Grazing, poor.

Final Test of Solar Attachment

August 3, 1940: At the $\frac{1}{4}$ sec. cor. of sec. 13, on the E. bdy. of T. 40 N., R. 34 E., I make an altitude observation of the sun for azimuth, first setting on the sun's lower and left limbs, then after reversal of the instrument setting on the upper and right limbs; the horizontal angles were measured from a flag on line, SE. to the sun.

Mean watch time of obsn. a.m.	7h 57m 00s	
Mean vertical angle	34° 09' 15"	OK
Mean horizontal angle	83° 26' 30"	RH
Reduced bearing of flag	S. 0° 00' 38" E.	

At 8:30 a.m., app.t., I set off 41° 19.6' N. on the lat. arc; 17° 26 $\frac{1}{2}$ ' N., on the decl. arc; and orient the instrument with the solar; the line of sight agrees with the meridian established by direct solar observation.

At 4:30 p.m., app.t., I set off 41° 19.6' N. on the lat. arc; 17° 22' N. on the decl. arc; and repeat the test of the solar; the line of sight agrees with the meridian established by direct solar observation.

General Description

For general description covering these boundaries, see books of subdivisions, Tps. 39 and 40 N., Rs. 35 and 36 E., this group.