

Resurvey of S. Bdy T. 25 N. R. 28 E.

Chains

After two days search for corners along the S. Bdy of T. 25 N. R. 28 E.

I find the cor. of sec. 5, 6, 31 and 32 which is a slab stone $10 \times 6 \times 5$ ins. properly marked. trace of mound but pit obliterated. I destroy all traces of the old corner and reestablish at the same point as follows.

Set a volcanic stone $16 \times 9 \times 5$ ins. 11 ins. in the ground for cor. sec. 5, 6, 31 and 32 marked with 1 notch on W. and 5 notches on E. edge. dig pit $18 \times 18 \times 12$ ins. in each sec. $5\frac{1}{2}$ feet and raise a mound of earth 4 ft. base 2 ft. high W. of cor.

May 30 At 8^h a.m. l.m.t. I set off on my solar $111^{\circ} 43'$ the S. solar distance of the sun and $39^{\circ} 59'$ lat. on the vertical circle and determine a true meridian with the solar as the corner of sec. 5, 6, 31 and 32.

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N. $89^{\circ} 51' W$ (in accordance with the field notes of the U. S. Surveyor General Office) On a flange line bet sec. 6 and 31

40.00

I again search for old $\frac{1}{4}$ sec cor.