

Survey of E. bdy of T. 14 N., R. 27 E.

July 30: Began the survey of the W. bdy. of Tps. 14 N., R. 28 E. and at 7<sup>h</sup> 30<sup>m</sup> a. m., l. m. b., wset off  $38^{\circ} 59'$  on the lat arc;  $18^{\circ} 33' N.$  on the decl. arc; and determine a meridian with the solar, at cor of Tps. 13 and 14 N., Rs. 27 and 28 E.

Thence we run

True N. bet. secs. 36 and 31.

17.00 Small dry wash, 3 ft. deep, course  $N. 50^{\circ} E.$

23.00 Small dry wash, 3 ft. deep, course  $N. 50^{\circ} E.$

40.00 Set a cotton-wood post 3 ft. long, 3 ins sq., with marked stone 2 ft. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  S 36 on W. and 31 on E. face; dig pits, 18 x 18 x 12 ins; N. and S. of post, 3 ft. dist.; and raise a mound