

West Boundary Township II South, Range 46 East.

Chains.

Survey commenced June 15, 1906. (For description of instruments see Book A.).

At the cor. of townships II and I2 South, Ranges 45 and 46 East in latitude  $36^{\circ}53'N.$ , longitude  $116^{\circ}53'W.$   
*7h 52<sup>m</sup> p.m. lower*  
I observe Polaris at ~~upper~~ culmination in accordance with instructions in the manual, and mark the line thus determined by a tack driven in a wooden peg, firmly set in the ground 5 chs. N. of my station.

June 15, 1906.

June 16, 1906, at 8 h. a.m. l.m.t. I set off  $36^{\circ}53'N.$  on lat. arc,  $23^{\circ}21'N.$  on decl. arc and determine the true meridian with solar at the cor. of Tps. II <sup>and I2</sup> South, Ranges 45 and 46 East.

This solar line coincides with my Polaris line of last night, therefore I conclude that my instrument is in proper adjustment, and proceed as follows:

North on a true line bet. secs. 31 and 36.

Over gradual SW. slope.

40.00 Set a basalt stone 24X12X8 ins. 18 ins. in the ground for  $\frac{1}{2}$  sec. cor. marked  $\frac{1}{2}$  on W. face, and raise a mound of stone 2ft. base  $1\frac{1}{2}$  ft. high W. of cor. Pits impracticable.

50.00 Dry wash, course SW. Ascend over S. slope.

76.00 Summit of divide bears E. and W.

80.00 Set a basalt stone 16X12X8 ins. 11 ins. in the ground for cor. of secs. 25, 30, 31, and 36, marked with I notch on S. and 5 notches on N. edges, and raise a mound of stone 2ft. base  $1\frac{1}{2}$  ft. high W. of cor. Pits impracticable.

Land mountainous.

Soil rocky, 4th. rate.

No vegetation.

Mountainous land, 80.00 chs.

North on a true line bet. secs. 25 and 30.

Over mountainous land. Descending.