

## Subdivision of T. 44 N., R. 56 E.

Chains. The solar apparatus, by p.m. and a.m. observations, defines positions for meridians that coincide with the meridian established by the Polaris observations; therefore, I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian, at 9 h. 30 m. a.m., is N. 17° 40' W.; the angle thus determined gives the mag. decl. 17° 40' E.

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From the southwest corner of Tp. 44 N. R. 57 E. I retrace the west boundary of Tp. 44 N. R. 57 E. in accordance with my special instructions from the Surveyor General.

( See resurvey of W. Bdy. Tp. 44 N. R. 57 E. )

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I commence at the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the Tp. which is a granite stone 15x11x5 ins. firmly set in a mound of stone, and marked and witnessed as described by the surveyor general.

Thence I run

West on a sectional correction line bet. secs. 25 and 36.

Through scattering sage brush, descend about 50 ft. to

- 6.10 Dry gulch, course S.E. thence ascend gradually,  
 11.00 Begin steep rocky ascent.  
 15.00 Top of rocky spur, 125 ft. above bottom of gulch, bears N. and S.; descend, about 30 ft. to  
 18.00 Draw, course N.E.; ascend steep rocky hill about 75 ft.  
 24.00 Top of rocky hill, bears N. and S.; descend about 150 ft. to  
 40.00 Set a sandstone 14x13x6 ins., 10 ins. in the ground, for  $\frac{1}{4}$  sec.cor. marked  $\frac{1}{4}$  on N. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.  
 Thence descend about 50 ft. to  
 46.20 Bottom of ravine, course S.; ascend about 100 ft. to