

Survey No. 4600.

Expenditure of Five Hundred Dollars, (Contd)

No.4. A tunnel in soft rock and earth 3 x 5 x 64 ft long, which bears S 71°-44'W, and whose portal bears from Cor No. 3 N 67°-44'W 298.0 ft..

Value \$320.

No. 5. A tunnel in soft rock and earth, size, 3 x 5 x 50 ft to face, which bears N 89°-53'W, and whose mouth bears from Cor No. 3 N 51°-34'W 358.0 ft..

Value \$200.

Report.

The So 1/4 Sec Cor of Sec, 36 Tp 35 N-R 29 E. MDB & Med is an iron pipe set well into the ground, having a copper cap on top on which is stamped 1/4 S 36..

U.S.M.M. No. 293. is a railroad cross tie, size 7.5 ins by 8 ins square, and 8. ft long set in a large mound of earth and stones, scribed U.M.M. No. 293, which was set during the progress of U.S.M. Surv. No. 4355 and described in the field notes of that survey by R.E. Tilden.

Instrument..

This survey was made with a C.L. Berger and Sons, Engineers transit, with a 4 1/2 ins Horz limb divided to 0°-00'-30" of arc, and having a full ~~xx~~ vertical circle divided to minutes.

The courses were deflected from the true meridian as determined by many Solar observations, made direct upon the Sun at the proper time of the day..

The distances were measured with a 600 ft Lufkin and Rule Co steel tape, divided to feet and tenths on the end feet, the shorter distances were measured with a 50 ft steel L. & R. Co tape divided to feet, tenths and hundredths of a ft.

The Latitude used in the Solar Observations was the same used in Survey No. 4355, according to the respective places of observation..