

South Boundary of T. 24 N., R. 48 East.

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Chains

Survey commenced Oct. 30, 1915 and executed with a Young and Sons transit No. 8589 and Keuffel and Esser Transit No. 20575, both instruments being provided with Smith Solar attachments. The horizontal limbs are provided with two opposite verniers, reading to single minutes of arc, which is also the least count of the vernier of the latitude and declination arcs. The instruments were approved by G.D.D. Kirkpatrick, Assistant Supervisor of Surveys for the States of Utah and Nevada. Measurements on these surveys were taken with a 5-ch. steel Lallie tape and the slope angles obtained with the use of a clinometer. Prior to the survey of this township the instruments were adjusted and tested on a true meridian in T. 22 N., R. 48 E on October 26, 1915 and the instruments found to be in good adjustment.

Surveyed by H. W. Reppert.

Oct. 30, 1915:- At 9h. 30m., a.m., l.m.t., I set off $39^{\circ} 52'$ N. on the lat. arc; $13^{\circ} 34'S.$ on the decl. arc; and determine a meridian with the solar at the cor. of secs. 7, 12, 13 and 18 on the E. bdy. of T. 23 N., R. 48 E., which is a granite stone $20 \times 12 \times 6$ ins. above ground, firmly set marked and witnessed as described by the Surveyor General.

Thence I run

160.00

N. on a blank line on the E. bdy. of Tp. 23 N., R. 48 E. Set a temp. point for the cor. of Tps. 23 and 24 N., Rs. 48 and 49 E.

From the temp. point for the cor. of Tps. 23 and 24 N., Rs. 48 and 49 E. I run

160.00

E. on a random line on the N. bdy. of T. 23 N., R. 49 E. Set a temp. point at the close of the day's work.
Oct. 30, 1915.

Surveyed by H. W. Reppert:-

Nov. 1, 1915:- At 10h. 00m., a.m., l.m.t., I set off $39^{\circ} 54'$ N. on the lat. arc, $14^{\circ} 13'S.$ on the decl. arc and determine a meridian with the solar at the temp. point set on Oct. 30, 1915, 160.00 chs. E. of the temp. point for the cor. of Tps. 23 and 24 N., Rs. 48 and 49 E.

Thence I continue E. on a blank line and at 395.93 chs. intersect the N. and S. line 78.51 chs. S. of the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of Tp. 24 N., R. 49 E. which is a porphyry stone, $8 \times 10 \times 14$ ins. above ground, marked and witnessed as described by the Surveyor General.
Nov. 1, 1915.

SOUTH BOUNDARY T. 24 N., R. 48 EAST

Surveyed by H. W. Reppert.

Nov. 3, 1915:- By Instructions issued for the surveys under Group 36, the cor. of Tps. 23 and 24 N., Rs. 48 and 49 E. was to be established at a point of intersection of a line produced N. from the cor. of secs. 7, 12, 13 and 18 on the W. bdy. of T. 23 N., R. 49 E. and a line produced W. from the cor. of secs. 2, 3, 34 and 35, on the N. bdy. of T. 23 N., R. 49 E. By this method the length of T. 23 N., R. 48 E. would be approximately seven miles, thereby throwing the entire holdings of Mr. Walti, which should be in sec. 32 of T. 24 N., R. 48 E., into the N. part of T. 23 N., R. 48 E., which is not authorized for survey at this time. Upon the advice of the Assistant Supervisor