12. Retracement of Subdivisional Lines in T. 31 N., R. 57 E. Chains Oct. 25,1915: At the old cor. of secs. 3, 4, 33 and 34, which is an old post in an old mound of earth, at 7h.20m a.m., l.m.t., I set off 40° 38'N. on the lat. arc; ll° 47'S. on the decl. arc and determine a meridian with the solar. This cor. is hereinafter reestablished with an iron Thence I run the ground for : post. S. retracing bet. secs. 3 and 4. No corner could be found. 40.15 Old cor. of secs. 3, 4, 9 and 10, bears W. 26 lks. It is a badly decayed wooden post with faint scribe marks in an old mound of stone. The only way I have of identifying either of these corners is from the topography which 80.35 checks very closely.
Course of this mile S.0° 11'W. the ground, for ter, of sect. 2, 3, 34 and 35, with I run S. from the old cor. making diligent search for old cors. at intervals of 40.00 chs. but finding none until at The old cor. of secs. 27, 28, 33 and 34, bears W. 57 lks. It is a badly decayed post with faint scribe marks, lying 319.95 on an old mound of earth with distinct evidence of 4 pits. Course of line from last cor. S.O° 06'W. Course of line from last cor. S.0° 06'W.

Proportionate distance for each a mile is 39.99 3/8 chs.

All topography checks very closely.

Note: At the temp. point for a sec. cor. for secs. 21 and 22, at 11h. 44m.a.m.l.m.t., I set off 11° 55'S. on the decl. arc and observe the sun on the meridian, the resulting latitude is 40° 55'.

At 2h 30m. p.m. l.m.t.. I set off 40° 34' N. on the At 2h. 30m. p.m., l.m.t., I set off 40° 34' N. on the lat. arc; ll°  $56\frac{1}{2}$ ' S. on the decl. arc and determine a meridian at old cor. of secs. 27, 28, 33 and 34. Thence I run Thence I run

S. bet. secs. 33 and 34. Sect. 190 . The control of 40.00 5 ft. above ravide, bears N. C. and S. T. Oct. 26: At 9h. a.m. 1.m.t., I set off 40° 332 N. on. the lat. arc; 12° 12'S, on the decl. arc and determine a meridian at the temp. ‡ sec. cor.

Thence I continue South.

Standard Corner of secs. 33 and 34, bears W. 127 lks. 79.80 It is a granite stone 30x14x12ins. marked and witnessed as described by the Surveyor General. Course of this mile S.0° 55 W. Length 79.81 chs.
At this old cor. at 11h.44m. a.m., 1.m. t., I set off 12°
15 S. on the decl. arc and observe the sun on the ins. diam., bears 3.36 Leave aspen and willow timber.

Low rilge, 20 ft. acove ereal, bears it at and 5.

Little draw, 26 ft. below ridge, course 8.W.

Low ridge, 5 ft. spove draw, bears 5.60°W, and N.60°E.

The rescublinged cor. of seus. 5, 4, 35 and 34 herefredency iber 100 ft. below ridge.

Land; heavily rolling W. slope of Rusy Mountains.

T. end of mile, soil is yery rocky with many solid cutcropend huge boulders. Becomes gradually less rocky to W.

and huge boulders. Becomes gradually less rocky to W.

sendy loak with but few rocks. Aspen timber.

Jendorgrowth: Sene, buck, service and willow brush.

Undorgrowth: Sene, buck, service and willow brush. and willow timber. 08.16

Mar. 32, 1915.