

INDEPENDENT RESURVEY EAST BOUNDARY OF T.4 N., R.55 E.
OR RUBY VALLEY GUIDE MERIDIAN.

At apparent noon, with the latitude arc unchanged, I observe the sun on the meridian; the resulting reading of the declination arc is $13^{\circ}05'N.$, which agrees with the computed declination of the sun.

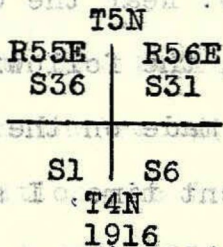
At 4h.p.m. apparent time, I set off $38^{\circ}11\frac{1}{2}'N.$, on the latitude arc; $13^{\circ}02'N.$, on the declination arc, and determine a meridian with the solar and find that the peak bears $N.48^{\circ}38'W.$

MEASUREMENTS

Unless otherwise specified all measurements are made with a Lallie steel ribbon tape 8 chs. in length, compared with a Lufkin standard steel tape 1 ch. long and found correct. The measurements are made on the slope, the vertical angle determined with K. & E. improved type clinometers, and the slope measurements properly reduced to true horizontal distance.

INDEPENDENT RESURVEY EAST BOUNDARY OF
T.4 N., R.55 E., OR RUBY VALLEY GUIDE
MERIDIAN, SUPERSEDING SURVEY EXECUTED
BY E.B. MONROE, U.S. DEPUTY SURVEYOR
IN 1869.

I begin at the cor. of Tps. 4 and 5 N., Rs. 55 and 56 E. which is an iron post, 3 ins. in dia., extending 12 ins. above ground, firmly set, and with brass cap marked



and witnessed by a mound of stone, 3 ft. base. 2 ft. high, S. of cor.