that the

. W1 86

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

0

At apparent noon, with the latitude are unchanged, I observe the sun on the meridian; the resulting reading of the declination arc is 13.05'N., which agrees with the computed declination of the sun. At 4h.p.m. apparent time, I set off 38°112'N., on the latitude arc; 13°02'N., on the declination arc, and determine a meridian with the solar and find that ows , noithe peak bears N.48.38 We riem ent to teas

wer ditw dous

of W-M-W noited in MEASUREMENTS for more elans

positions, and reading the horizontsi deflection

sarever bms Joeria-ci

-' of the true meridien,

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 of the survey, frequent tests of 688 Wiler apparatus

I conclude that the adjustment of the instrument

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 noting ins. above ground, firmly set, and with brass cap comparisons with solar meridians were marked

August 18,1929: Near the completion of the survey of saloz edj lo jest gni**R55E**o R56E, qi lanwot pinit S36 S31 the true meridien in cam: capparatus was ma Sl | S6 At Sh.s. M. apparent top J. I set off 38211} on the T4N latitude arc; large II., on the declination arc, and

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