

Township 18 South, Range 66 East

Chains

The north boundary was surveyed by T. A. Magee in 1882 and independently resurveyed concurrently with this survey and shows on the plat of T. 17 S., R. 66 E.

The west boundary was surveyed concurrently with this survey and shows on the plat of T. 18 S., R. 65 E.

The south boundary was surveyed concurrently with this survey and shows on the plat of T. 19 S., R. 66 E.

The following field notes are those of a survey of the east boundary of T. 18 S., R. 66 E. This survey was requested by the State Supervisor for the State of Nevada to facilitate administration under appropriate public land laws.

The survey was executed with Gurley Solar transit No. 92803, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument is in good condition and was placed in satisfactory adjustment prior to the beginning of the survey.

All azimuths in this record are referred to the true meridians determined by direct observations made upon the sun during the progress of the survey, and by the method of deflection angles and calculator courses. The measurements are made with the narrow steel tapes, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tapes are tested by comparison with a 1 chain standard steel tape and found to be correct. The measurements are made on the slope and the vertical angles were determined by clinometers in good adjustment, the field notes show the horizontal equivalents. The computations for the triangulations have been verified and are not entered in this field note record.

The geographic position of the southeast corner of T. 18 S., R. 66 E. was scaled from the U. S. G. S. Muddy Peak Quadrangle and is approximately as follows: latitude $36^{\circ} 20' 03''$ N., longitude $114^{\circ} 33' 45''$ W. The mean magnetic declination is $15^{\circ} 45'$ E.

Survey of the East Boundary of T. 18 S., R. 66 E.

Beginning at the cor. of T. 18 S., Rs. 66 and $66\frac{1}{2}$ E. and T. 19 S., R. 66 E., monumented by an iron post, $2\frac{1}{2}$ ins. diam., set, mkd. and witnessed as described in the field notes of T. 19 S., R. 66 E., surveyed concurrently under this same group.

North, bet. secs. 31 and 36.

Desc. 110 ft. over NW. slope.

15.00 Wash, 2 ft. deep, 20 lks. wide, drains NE.; asc. 80 ft. over SE. slope.

32.90 Spur, slopes E.; desc. 70 ft. over N. slope.

39.00 Wash, 2 ft. deep, 20 lks. wide, drains E.; asc. 10 ft. over S. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 36.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, deposit charcoal in bottom of hole, with brass cap mkd.

T18S
R66E R66 $\frac{1}{2}$ E

$\frac{1}{4}$
S36 | S31
1959

No stone available to build mound.