

Toiyabe NATIONAL FOREST

1.

STATE OF Nevada.

Chains

John Cahill, applicant for listing; application No. 1,
dated November 15, 1907.

Special Instructions dated June 30, 1913, for H. E.
Survey No. 43.

Claim situated in surveyed Sections 16 and 17, Township
17 North, Range 44 East, Mt. Diablo Meridian, Nevada,
in the Toiyabe National Forest.

Authority contained in the Acts of June 11, 1906, and
March 4, 1913.

Survey commenced November 9, 1913, and executed with
W. & L. E. Gurley Light Mountain Transit No. 12968,
equipped with Burt solar attachment, the horizontal
limb having two double verniers, placed opposite
each other, and reading to single minutes of the
arc. Measurements made with Lufkin 2-chain steel
tape and stadia, using Philadelphia leveling rod
fitted with two targets having verniers reading to
.001 foot. I test the stadia interval against the
steel tape and find that 1 foot intersected on the
rod is equal to 2 chains from the center of the
transit. I examine the adjustments of the transit,
finding all adjustments correct.

November 9, 1913, I set up over the cor. of Secs. 8, 9,
16 and 17, T. 17 N., R. 44 E., which is a blue lime-
stone, 9 x 7 x 4 ins. above ground, mkd. with 4
notches on the E. and 4 notches on the S. and wit-
nessed by four properly scribed bearing trees, and
at 9 h. 45 m., A.M., l.m.t. (my watch being correct
to within a few seconds) I set off $16^{\circ} 49'$ S. on the
declination arc, $39^{\circ} 21'$ on the latitude arc, and
determine a meridian with the solar, and to this
meridian all courses of this survey are referred.

Longitude $117^{\circ} 03' 21''$ W. : By account from National
: Forest diagram and
Latitude $39^{\circ} 20' 53''$ N. : Nevada State map.