

12 - 14.

Survey of E. bdy of T. 3 N, R. 27 E.

Clearing

July 14: Began at cor of
Tps. 12 and 13 N, Rs. 27
and 28 E. which is
A granite stone 16 x 10 x 8
ins as described by the
U.S. Surveyor General.
The solar observations at
this time was neglected
as we had the meridian
determined at this place
July 12, 1904 by an observation
on Polaris.

Thence we run

N. on W. bdy of sec. 31.

Ascending through scattering
juniper pine timber.

12.20 Top of spur ridge, 130 ft above
The cor. bears E. and W.

At this point we set off $21^{\circ}40\frac{1}{2}'$ N.
on the decl. arc; to observe sun on
meridian July 14, 1904 at $12^{\text{h}} 6^{\text{m}}$ p.m.;
l.m.t., the resulting lat is $38^{\circ}35'$
correct to within $1'$ of arc.

Thence descend steep heavily timbered
N.E. slope, 300 feet deep, to

22.02 Bottom of ravine, course E.; ascend.