

West Boundary of T. 10 S., R. 67 E.

Cham's

Soil, rocky; 4th rate
No timber.

Mountainous land, 80.00 chs.

I return to the stake set on line this a. m.,
35.50 chs. S. of the cor. of secs. 13, 18, 19,
and 24.

June 7: At this point, at 2^h 33^m a. m., l. m.,
A., I observe Polaris at Eastern Elonga-
tion, in accordance with instructions
in the Manual, and mark the line
thus determined, by a tack driven
in a wooden peg set in the ground,
5 chs. N. of my station.

June 7, 1911

June 8, 1911: At 7 a. m., I lay off the azimuth
of Polaris, 1° 25' to the west. The merid-
ian thus determined falls exactly
on the point of my line marked
on the stone set yesterday morning,
5 chs. N. of my station; therefore I am
satisfied that the instrument is
in perfect adjustment.

The magnetic bearing of the meridian at
p. m. is N. 16° 20' W., which gives the
mag. decl. 16° 20' E. ✓

June 8: At 9^h 59^m a. m., l. m., A., I set off
37° 01' N. on the lat. arc, 22° 48' N. on the
decl. arc, and determine a meridian
with the solar, at the cor. of secs. 25,
30, 31 and 36

Thence I run

South, bet. secs. 31 and 36

Over mountainous land, through scattering
shadscale, chaparral and Joshua;
descend abruptly

3.00 Gulch, 150 ft. below spur, drains N. 50° W.;
ascend

7.00 Spur, 150 ft. above gulch, projects N. 47° W.;
descend