

Resurvey of East Boundary Tp. 26 N.R. 27 East.

1.

Chains

Survey commenced October 21, 1911, and executed with a Young & Sons' Solar Transit.

The instrument was examined, tested on the meridian at Reno, found correct and was approved by the surveyor general for Nevada, August 12, 1911.

I begin at the standard cor. of Tps. 26 N. Rs. 27 and 28 E. recently described. *long. 118° 52' E.*

In lat. 40° 04' N., at 5h 36m p.m., I observe Polaris at eastern elongation, in accordance with instructions in the Manual, and mark the line thus determined, by a stake set in the ground about 15 chs. N. of my station.

Oct. 21, 1911.

Oct. 22, 1911: At 7h 30m a.m. I lay off the azimuth of Polaris, 1° 31½' to the west, and mark the meridian thus determined, by a stake set in the ground about 15 chs. N. of my station, and west of the point established last night.

Observing a sharp mountain peak in the meridian and about 30 miles dist. I decide to use it as a fore-sight in the re-establishment of the E. bdy. of T. 26 N.R. 27 E. I therefore resurvey.

North bet. secs. 31 and 36.

Over a gently rolling W. slp.

40.07 A porphyry rock 12x12x10 ins. above ground marked as described by the Surveyor General bears E. 3 lks. dist. Asc. over rolling hills.

80.14 A conglomerate 10x8x8 ins. above ground marked as described by the Surveyor General bears E. 6 lks. dist. The course of this mile is therefore N. 0° 3' E. Land; gently rolling 40 chs.; heavily rolling 40 chs. Soil; a heavy sand mixed with gravel. Scattering desert brush.

North bet. secs. 25 and 30.

40.01 Over rolling sand hills. A malpais 14x10x8 ins. lying on ground 6 lks. E. I re-establish this cor. by setting it 10 ins. in ground and digging pits 18x18x12 ins., N. and S. of stone, 3 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. The course and distance of this line is therefore N. 40.01 chs.

80.16 A malpais 12x10x8 ins. above ground marked as described by the Surveyor General. I re-establish this cor. by digging pits 18x18x12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. The course and distance of this line is therefore N. 0° 5' W. 40.15 chs. Land; rolling sand hills, Soil; sandy. Scattering desert brush.

North bet. 19 and 24.

40.03 Over rolling sand hills, S.W. slp. A malpais 12x10x8 ins. above ground, marked as described by the Surveyor General, lying on the ground. I re-establish this cor. by setting it 8 ins. in ground; dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist., and raise a mound of earth, 3½ base, 1½ ft. high W. of cor.

80.06 A basaltic rock 12x10x8 ins. above ground marked as described by the Surveyor General, I re-establish this cor. by digging pits 18x18x12 ins., in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. The course of this line is therefore N. 80.06 chs. Land; rolling sand hills. Scattering desert brush. No grass.
