

Resurvey of the 5th. Standard Parallel North, south of secs.
32,33,34,35 and 36, T 26 N, R 64 E and sec. 31, T 26 N, R 65 E
Mt. Diablo B. and M.

Chains.	Resurvey commenced July 21, 1909 and executed with a W & L. E. Gurley Light Mountain Transit, the horizontal limb is provided with two double verniers, placed opposite to each other, reading to single minutes of arc. I begin at the cor. of secs. 33 and 34, T 26 N, R 64 E, Mt. Diablo B. and M., on the 5th. Standard Parallel North, which is a cedar stake 15 ins. above ground; marked and witnessed as described by the Surveyor General. At said corner in latitude 40° 04' N, longitude 114° 46' W, at 11 h. 34.2 m. p. m., local mean time at eastern elongation in accordance with instructions in the Manual, I observe Polaris, and mark the line thus determined by a tack driven in a wooden peg, set in the ground 6 chs. N. of the corner. July 21, 1909. July 22, 1909. At 7 a. m. I lay off the azimuth of Polaris 1° 32'.4 to the west and mark the true meridian thus determined by cutting a mark in a stone firmly set in the ground, west of the point established last night; the magnetic bearing of said true meridian is N 17° 30' W, which gives the magnetic declination 17° 30' E. I lay off from the meridian an angle of 90° from north to west and run west on a blank line retracing the 5th. Standard Parallel south of sec. 33.
40.00	I search diligently but find no $\frac{1}{4}$ cor.
80.12	I find an old mound of stone with a small cedar stake, firmly set in the ground, but with no legible markings, falling 16 lks. N. of my line. From this mound of stone I continue west south of sec. 32.
40.00	I search diligently but find no $\frac{1}{4}$ cor.
80.08	I find the old corner to secs. 31 and 32 falling 5 lks. N. of my line. This old corner is a limestone 12/8/3 ins. marked with 5 grooves on one face and 1 groove on the opposite face, lying on the ground in an old mound of stone.
	From the corner of secs. 33 and 34 I run E. on a blank line, retracing the line south of sec. 34.
40.00	I search diligently but find no $\frac{1}{4}$ cor.
80.00	I find an old cottonwood stake firmly set in the ground