

INSTRUMENTS.

This survey was made with an A. Lietz Company Transit No. .0523. The courses were deflected from the true meridian as determined by observation of Polaris at its elongation. This meridian is the one from which all surveys made by me in this camp have been deflected by plate angles, and has been checked by the meridian established by the U. S. Coast and Geodetic Survey and marked by stone piers about one mile apart.

The distances were measured with a five hundred foot standard steel tape.

REPORT.

Description of Corners.

The E. $\frac{1}{4}$ Cor. Sec. 34 T. 3 N., R. 42 E., Mount Diablo Base and Meridian is a porphyry stone 16 ins. long, 10 ins. wide, and 4 ins. thick, scratched $\frac{1}{4}$ to the West (not chiseled) surrounded by a monument of stone.

Cor. No. 6, Sur. No. 2170 Cash Boy Lode, a pine post $4\frac{1}{2}$ ft. long, 4 ins. square, was found in place scribed 6-2170.

Cor. No. 5, Amended Sur. No. 2191 Denver lode, a pine post $4\frac{1}{2}$ ft. long, 4 ins. square, was found in place, scribed 5-2191 AM. Identical with Cor. No. 5 Sur. No. 2193 C. B. & Q. lode scribed 5-2193.

Cor. No. 1, Amended Sur. No. 2191 Denver lode, a pine post $4\frac{1}{2}$ ft. long, 4 ins. square, was found in place, scribed 1-2191 AM.

Cor. No. 1, Sur. No. 2012 Sand Grass lode, a porphyry stone 10 x 10 ins. 12 ins. above ground chiseled 'x 1-2012' was found in place.

Cor. No. 2 Sur. No. 2012 Sand Grass lode, a porphyry stone 10 x 12 ins. 12 ins. above ground chiseled "x 2-2012" was found in place.

Cor. No. 4, Sur. No. 2194 Burlington lode is a pine post $4\frac{1}{2}$ ft. long, 4 ins. square showing 18 ins. above ground, scribed 4-2194.