INSTRUMENT.

This survey was made with a Berger Mining Transit No. 6. The courses were deflected from a true meridian determined by direct solar observation. The distances were measured with a 660 ft. steel tape.

REPORT.

The ¼ Cor. between Secs. 19 and 30, T.5 N., R.28 E. M. D. M. is a quartz rock 24 x 12 x 6 ins. with ¼ chiseled on north face. Rock is set in mound of stone.

The corners of Sur. No. 48 were determined by lode line survey and reference to workings given in the patent notes as approved, except that the south end line was definitely marked by three old mounds of stone showing the lode line and Cors, Nos. 2 and 9. From the retracing of the lines of this survey by these I find the following errors in the lines of this survey:--

Line 8-9 should read S.39°42'W. 933.3 ft. instead of S.41°35'W. 933.3 ft. as approved.

Line 9-2 should read S.50°18'E. instead of S.48°25'E. as approved. No change in the length.

Surs.Nos.46 and 49 ,Cortez and Utah lodes respectively.

The corners of these lodes are old piles of rock , the identity of which was determined by lode line survey and tie lines from other lodes.

Eureka Lode, unsurveyed.

The corners of this lode are 4 ins. square posts set in mounds of earth and stone, showing 3 ft. above ground, scribed Eu. and corner number.

The ¼ Cor. between Secs. 18 and 19 bears N.4°23'40"E. 3549.1 ft from Cor. No. 4 Clarence Lode of this survey.