

4.

Survey No. 4327.

bottom of the winze a drift is run S 55°E 45 ft. to face. From the center of the winze the tunnel is run N 60°W, 12 ft. to a point whence a crosscut is run N 30°E 12 ft., 60 ft. to a point whence a crosscut is run S 30°W 28 ft., 126.8 ft. to a point, thence west 40 ft. to face.

Value \$6,175.00

Other Improvements.

A frame blacksmith shop, the N.E. Cor. of which bears N 12°W 30 ft. from the Location Discovery post, 8 x 8 ft. Course N 10°E.

This survey was made with an Ainsworth Mining transit. The courses were deflected from the true meridian as determined by an observation on Polaris at eastern elongation. The distances were measured with 100-ft. and 300-ft. steel tapes.

Report.

The S.W. Cor. Sec. 16, T. 39 N, R. 46 E, M.D.M. is a porphyry stone 8 x 12 ins., showing 14 ins. above ground, with a mound of stone surrounding, chiseled with 4 notches on east side and 3 notches on the south side.

The intersections with the west and south lines of the E $\frac{1}{2}$ of N.E. $\frac{1}{4}$ of Sec. 16, Patent No. 6119, were calculated from the notes of the public land survey by finding the tie to the point of intersection of a west line from the E. $\frac{1}{4}$ Cor. Sec. 16 and a south line from a point on the north line of Sec. 16, halfway between the N $\frac{1}{4}$ Cor. and the N.E. Cor. of said section.

The courses and distances of Sur. No. 4034 were found to be correct, as given herein.

The N.E. and N.W. Cors. of the Star lode, unsurveyed, are pine posts, 4 ins. square, set in a mound of stones, marked in pencil with the name of claim and corner.

A spring bears S 5°35'E 60 ft. from Cor. No. 3, Old Judge No. 1 lode.