

Survey No. 4837

This survey was made with a C. L. Berger & Sons transit No. 7623, with horizontal limb 6 ins. in diam., having two double opposite verniers, and full vertical circle 5 ins. diam., having two double opposite verniers, the verniers read to one minute of arc. The instrument was in good condition at the time of the survey and all adjustments were in good order.

All azimuths in this record were determined by the method of deflection angles referred to the true meridian as determined by a series of six altitude observations upon the sun at the point of beginning; the details of which observations are shown in the calculation sheets submitted herewith for examination. Latitude at point of beginning $36^{\circ} 12' 52''$ N., and Longitude $114^{\circ} 42'$ W.

The lines were measured with a Lufkin steel tape 500 feet in length, graduated every foot, the end feet in tenths and hundredths.

All lines and connections of this survey were run by direct methods.

The magnetic variation observed at each corner of the survey gave a uniform value of 17° E.

Feet

ANNIVERSARY LODE

At Cor. No. 1 of the Anniversary lode, identical with Cors. Nos. 3 and 4, Sur. No. 4540, Indipendant #13 and Indipendant #14 lodes respectively, claimant herein, and identical with Cor. No. 1 of the Anniversary #1 lode of this survey, a sandy limestone, 18×6 ins., 13 ins. above ground, mkd. I #13-3-4540, I #14-4-4540, A-1, A1-1-4837, with a mound of stone alongside, from which

The $\frac{1}{4}$ sec. cor. of secs. 11 and 14, T. 20 S., R. 65 E., M.D.M., bears N. $51^{\circ} 10' 09''$ E., 722.68 ft. dist.; a sandstone, 8×4 ins., 8 ins. above ground, mkd. with $\frac{1}{4}$ on west face, a cross on top, with a mound of stone 3 ft. in diam., 3 ft. high, 3 ft. west of corner.

No local bearing objects or bearing trees available.

Thence S. $2^{\circ} 00'$ E.

300.0 Lode line, discovery point bears N. $88^{\circ} 00'$ E., 750 ft. dist.

600.0 Cor. No. 2, identical with Cor. No. 2, Anniversary #1 lode and Cor. No. 1, Anniversary #2 lode of this survey and with the NW. Cor. Anniversary #3 lode, unsurveyed, claimant herein.

Set a sandstone, $24 \times 11 \times 4$ ins., 16 ins. in the ground, mkd. A-2, A1-2, A2-1-4837, with a mound of stone alongside.

No local bearing objects or bearing trees available.

Thence N. $88^{\circ} 00'$ E.

1500.0 Cor. No. 3, identical with the NE. Cor. Anniversary #3 lode, unsurveyed.

Set a sandstone, $24 \times 10 \times 4$ ins., 16 ins. in the ground, mkd. A-3-4837, with a mound of stone alongside.

No local bearing objects or bearing trees available.

Thence N. $2^{\circ} 00'$ W.

300.0 Lode line, discovery point bears S. $88^{\circ} 00'$ W., 750 ft. dist.