

SURVEY NO. 4849

XXXXX

This survey was made with a Buff Mountain transit No. 5059, with a horizontal limb 5 ins. diam., having two double opposite verniers, and full vertical circle 4 ins. diam., having one double vernier; 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 meridian determined by the following observation:

On January 3, 1959, at Cor. No. 2 of the Lucky Strike Claim No. 3 lode, in latitude 39°34'34" N., and longitude 119°44.6' W., I made a series of six altitude observations on the sun for azimuth at approximately equal time intervals, three each with the telescope in direct and reversed positions, observing opposite limbs of the sun and reading the horizontal angle from Cor. No. 3, Lucky Strike Claim No. 3 lode, southward SE to the sun.

Elevation 4600 feet above sea level, temperature 30° F.

Mean time of observation, 120th

meridian standard time ----- 9h 10m 13s

Declination of sun at mean time of

observation ----- 22°50'47.1"

Mean observed vertical angle to

sun's center (Uncorrected) ----- 15°45'20"

Mean horizontal angle from Cor. No. 3,

Lucky Strike Claim No. 3 lode, to

sun's center ----- 128°54'

True bearing of end line ----- N. 10°11'20" E.

Bearing used ----- N. 10°11' E.

The lines were measured with a new steel "chain", tape 300 feet long, with an extra foot before the zero, and the last foot graduated into 10ths and 100ths, the remainder of the tape marked at 1 foot intervals.

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

The magnetic declination observed at each corner of the survey gave a uniform value of 18°00' E.

Feet

LUCKY STRIKE CLAIM NO. 2 LODE

At Cor. No. 1 of the Lucky Strike Claim No. 2 lode, identical with Cor. No. 1 of the Lucky Strike Claim No. 3 lode of this survey.

Set an iron pipe, 54 ins. long, 2 ins. diam., 24 ins. in the ground in concrete, in a mound of rock, with brass plate, mkd. LS2-1-LS3-1-4849; from which

The cor. of secs. 20, 21, 28 and 29, T. 20 N., R. 20 E., M.D.M., bears N.34°25'W., 1099.11 ft. dist., a porphyry stone 20x11x8 ins. mkd. with 2 notches on the south side and 4 notches on the east side.

No local bearing objects or bearing trees available.

Thence N. 83°06' E. -----

1200.00 Rocky point on ridge.

1497.20 Cor. No. 2, identical with Cor. No. 2, Lucky Strike Claim No. 3 lode of this survey..

Set an iron pipe, 54 ins. long, 2 ins. diam., 24 ins. in the ground in concrete, in a mound of rock, with brass plate, mkd. LS2-2-LS3-2-4849.

No local bearing objects or bearing trees available.