

2.

HUMBOLDT NATIONAL FOREST

STATE OF NEVADA

Chains

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At 8 h. 01 m., A. M., l.m.t. The land included

Observed vertical angle =  $22^{\circ} 05' 30''$

Horizontal angle (from reference to right to sun) =

$137^{\circ} 09' 30''$

From this observation I calculate the bearing of Cor.

No. 4 of H. E. S. No. 210 as  $N. 22^{\circ} 51' 58'' W.$

The bearing thus obtained agrees within 02" of arc

with the bearing of the same line as determined by

angulation from the meridian established by me for

H. E. S. No. 211, and recorded in field notes of

that survey, and to the corresponding meridian all

courses of this survey are referred.

Survey commenced on September 28, 1918, and executed

Mean Magnetic Declination =  $19^{\circ} 15' E.$

With a Bull and Bull Transit, the horizontal limb

having two transits, placed opposite each

On account of failure to agree within allowable limits

with the recorded courses and distances of the

lines of H. E. Survey No. 64 (accepted), which are

common to this survey, I retrace the lines of

H. E. Survey No. 64 (accepted), obtaining courses

and distances as follows:

Cors.	Bearings	Distances	Chs.
1 - 2	S. $80^{\circ} 56' W.$	5.58	Chs.
2 - 3	N. $31^{\circ} 13' W.$	16.11	"
3 - 4	N. $8^{\circ} 22' E.$	7.05	"
4 - 5	N. $49^{\circ} 44' W.$	22.30	"
5 - 6	N. $22^{\circ} 45' W.$	48.23	"
6 - 7	N. $89^{\circ} 44' E.$	5.98	"
7 - 8	S. $59^{\circ} 40' E.$	17.08	"
8 - 9	S. $5^{\circ} 20' W.$	11.95	"
9 - 10	S. $27^{\circ} 23' E.$	36.53	"
10 - 11	S. $37^{\circ} 55' E.$	9.05	"
11 - 1	S. $19^{\circ} 09' E.$	19.74	"