General Land Office • Original Field Notes

Book Number

777

W.W. Alt Subdivision of T 22 N - R 33 W

The images in this file are microfilm images of the notes of W.W. Alt resurveys of portions of the State of Nebraska on file in the Office of the Nebraska State Surveyor located in Lincoln, Nebraska.

The W.W. Alt resurveys began in the mid 1890's and were completed in the early 1900's.

Mixed on dates of survey
July 2(2) & 2(3) is ahead of the 21st — pg 2 + 12
27 is ahead of the 2[illegible] — " 23 + 27

"Duplicate"

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4—679.

Rec'd with letter from W. W. Alt, U.S. Surveyor, dated April 30, 1900. 58493/1900

FIELD NOTES

OF THE SURVEY OF THE

Subdivision and
Claim Lines
of
Township No 22 North,
Range 33 West

Of the 6th Principal Meridian,
State of Nebraska

AS SURVEYED BY

Willard W. Alt, United States ~~Deputy~~ Surveyor,

Under his Contract No. ——, dated April 17, 1899

Survey commenced July 6, 1899

Survey completed July 19, 1899

6—151

NAMES AND DUTIES OF ASSISTANTS.

Arthur H. Nieling, Chainman

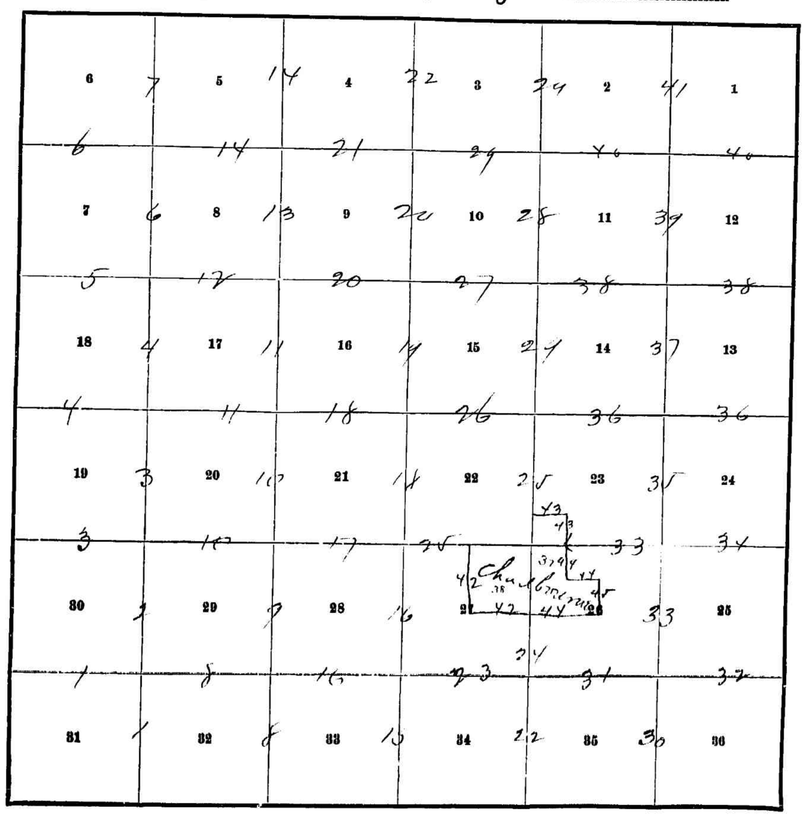
Archie J. Hutton, "

Eugene C. Paine, Flagman

Daniel H. Templeton, Woodsman

INDEX DIAGRAM.

Township 22 N, *Range* 33 W



Meanders Page

PRELIMINARY OATHS OF ASSISTANTS.

WE, ... and .....
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

.....

....., *Chainman.*

....., *Chainman.*

Subscribed and sworn to before me this .....
day of ....., 189

SEAL

WE, ... and .....
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

.....

....., *Moundman.*

....., *Moundman.*

Subscribed and sworn to before me this .....
day of ....., 189

SEAL

WE, ... and .....
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

.....

....., *Axman.*

....., *Axman.*

Subscribed and sworn to before me this .....
day of ....., 189

SEAL

I, ..., do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of .....

....., *Flagman.*

Subscribed and sworn to before me this .....
day of ....., 189

SEAL

6—151

1

Subdivision of Township No. 22 N. Range 33 West.

Chains

From the cor. of secs. 5, 6, 31, and 32, I run parallel to west bdy of Tp N. 0° 1' E. bet. secs. 31 and 32, over rolling valley land

12.00 Ascend along S. slope gradually.

32.00 Top of ascent 100 ft. on E. face bluff; thence over broken ground.

40.00 Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor.; dug pits 18 X 18 X 12 ins. N. and S. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft high, over deposit. In S. pit drove a cedar stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on W. face.

47.00 Descend N. Slope gradually.

55.80 Wire fence bears E. and W.

60.00 Enter rolling valley.

80.00 Deposit charred stake 12 ins. in the ground for cor. of secs. 29, 30, 31 and 32; dug pits 18 X 18 X 12 ins. in each sec. 4 ft. dist. and raised a mound of earth 4 ft. base, 2 ft high over deposit.
In S.E. pit drove an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
Tp. 22 N. S. 29 on N.E.
R. 33 W. S. 32 on S.E.
S. 31 on S.W. and
S. 30 on N.W. faces, with 1 notch on S. and 5 notches on E. edges.
Land, rolling and broken
Soil, Sandy, 4th rate.

West on a random line line bet. secs 30 and 31

40.00 Set temp 1/4 Sec. cor.

80.00 Intersect W. bdy of Tp at the cor. of secs. 25, 30, 31, and 36
Thence I run
East on a true line bet. secs 30, and 31 over rolling valley land.

Subdivision of T. 22. N., R. 33. W. continued.

chains

40.00 Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins. E. and W. of cor. 4 ft. dist. and raised a mound of Earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In E. pit, drove a cedar stake 2 ft. long 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on N. face

80.00 The cor. of secs. 29, 30, 31 and 32.
Land, nearly level
Soil, Sandy, 3rd rate.

N. 0° 1' E., bet secs 29 and 30
over rolling Valley

9.00 Ascend S. slope gradually
29.00 Top of ascent; thence over broken ground
40.00 Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor.; dug pits, 18 X 18 X 12 ins N. and S. of cor. 4 ft. dist. and raised a mound of Earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In S. pit, drove a cedar stake 2 ft. long 2 ins. sq., 12 ins. in the ground marked 1/4 S. on W. face
45.00 Ravine or depression - ascend.
58.00 Top of ascent - thence over rolling ground
80.00 Deposit charred stake 12 ins. in the ground for cor. of secs. 19, 20, 29, and 30. dug pits 18 X 18 X 12 ins in each sec. 4 ft. dist. and raised a mound of Earth 4 ft. base, 2 ft. high, over deposit. In S.E. pit, drove an Oak stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked
T. 22. N. S. 20 on N. E.
R. 33 W. S. 29 on S. E.
S. 30 on S. W. and
S. 19 on N. W. faces, with 2 notches on S. and 5 notches on E. edges.
Land, broken
Soil, Sandy, 3rd and 4th rate.

Subdivision of T. 22. N., R. 33 W., Continued

chains

West on a random line bet. Secs. 19 and 30
40.00 Set temp. 1/4 Sec. cor.
80.10 Intersect W. bdy of Tp. at the cor. of secs. 19, 24, 25, and 30.
Thence I run
East on a true line bet. Secs. 19 and 30
over low hills at foot of range.
34.00 Ascend over ridges
40.05 Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor.; dug pits 18 X 18 X 12 ins. E. and W. of cor. 4 ft. dist. and raised a mound of Earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In E. pit, drove an Oak stake 2 ft long 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on N. face
63.00 Top of ascent; thence over broken ground.
76.50 Ridge N. and S.; descend
80.10 The cor. of secs. 19, 20, 29, and 30.
Land, broken
Soil, Sandy, 4th rate.

N. 0° 1' E., bet Secs. 19 and 20.
over rolling ground.

5.00 Descend N. slope gradually
20.00 Bottom; descend; thence over table land.
34.20 Trail - bears N. 40° E. descend river bluff.
40.00 Deposit charred stake 12 ins in the ground for 1/4 Sec. cor.; dug pits 18 X 18 X 12 ins. N. and S. of cor. 4 ft. dist. and raised a mound of Earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In S. pit, drove a cedar stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on W. face
49.50 Center of Dismal River, 20 lks wide, flows S. 70° E. ascend S. slope.
73.00 Top of ascent, 100 ft. above river; thence over broken ground.
80.00 Set an Oak post 3 ft. long 4 ins sq. with a charred stake 24 ins. in the ground for

Subdivision of T. 22 N., R. 33 W., Continued

Chains

the cor. of Secs. 17, 18, 19, and 20, marked
T. 22 N. S. 17 on N. E.
R. 33 W. S. 20 on S. E
S 19 on S. W. and
S. 18 on N. W. faces, with 3 notches on S. and
5 notches on E. edges; dug pits 18 X 18 X
12 ins. in each Sec. 5½ ft. dist, and
raised a mound of earth 4ft. base, 2ft.
high, W. of cor.
Land is broken
Soil, Sandy, 4th rate.

West on a random line bet. Secs. 18 and 19
40.00 Set temp. 1/4 Sec. cor.
80.40 Intersect W. bdy of Tp. 24 lks N. of the cor.
of Secs 13, 18, 19 and 24
Thence I run
N. 89°49' E. on a true line bet Secs. 18 and 19
over broken Sand bluffs and ridges
along S. face of range.
40.20 Deposit charred stake 12 ins in the ground
for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins E. and
W. of cor. 4 ft. dist. and raised a mound of
earth 3½ ft. base, 1½ ft. high, over deposit
In E. pit, drove an Oak Stake 2 ft. long,
2 ins. Sq., 12 ins. in the ground, marked
1/4 S. on N. face
65.20 Sand peak, descend
80.40 The cor. of Secs. 17, 18, 19, and 20.
Land, broken.
Soil, Sandy, 4th rate
July 6 – 1899

N. 0°1' E., bet Secs. 17 and 18.
over broken ground on top hills
4.00 Descend N. Slope
21.00 Bottom descent in narrow valley
25.00 Ascend south slope.

Subdivision of T. 22 N., R. 33 W., Continued

Chains

28.90 Wire fence, bears N. 80° E.
40.00 Deposit charred stake 12 ins. in the ground
for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins. N. and
S. of c cor. 4 ft. dist. and raised a mound
of earth 3½ ft. base, 1½ ft. high, over deposit
In S. pit, drove an Oak Stake 2 ft. long
2 ins. sq., 12 ins. in the ground, marked
1/4 S on W. face
46.00 Top of ascent on low range of hills, on N.
Edge Sand blow out.
53.00 Descend gently over low hills.
80.00 Deposit charred stake 12 ins. in the ground
for cor of Secs. 7, 8, 17, and 18, dug pits 18 X
18 X 12 ins. in each Sec. 4 ft. dist. and
raised a mound of earth 4 ft. bas 2 ft.
high, over deposit.
In S. E. pit, drove an Oak stake 2 ft. long
2 ins sq., 12 ins. in the ground, marked
T. 22 N. S. 8 on N. E.
R. 33 W. S. 17 on S. E.
S. 18 on S. W. and
S. 7 on N. W. faces, with 4 notches on S. and
5 notches on E. Edges.
Land, Broken.
Soil, Sandy, 4th rate.

S. 89°49' W. on a random line bet. Secs. 7 and 18.
40.00 Set temp. 1/4 Sec. cor.
80.20 Intersect W. bdy of Tp. 11 lks S. of the cor. of Secs.
7, 12, 13, and 18
Thence I run
N. 89°54' E. on a true line bet. Secs. 7 and 18
over rolling ground and ridges, between hills.
40.10 Deposit charred stake 12 ins. in the ground
for 1/4 Sec cor., dug pits. 18 X 18 X 12 in E. and
W. of cor. 4 ft. dist. and raised a mound of
earth 3½ ft. base, 1½ ft. high, over deposit
In E. pit drove a cedar stake 2 ft. long.

Chains	
	2 ins sq., 12 ins. in the ground, marked 1/4 S. on N. face
80.20	The cor. of Secs. 7, 8, 17, and 18.
	Land, rolling.
	Soil, Sandy 3rd rate.

	N. 0° 1' E. bet. Secs. 7 and 8. Descend gently
2.00	Old trail, bears E. and N.W. ascend gently,
28.00	W. face low ridge; thence over low hills.
40.00	Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins N. and S. of cor. 4 ft. dist, and raised a mound of Earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In S. pit, drove a cedar stake 2 ft. long 2 ins. sq., 12 ins. in the ground, marked. 1/4 S. on W. face
70.00	Descend gently.
80.00	Deposit charred stake 12 ins in the ground for cor. of secs. 5, 6, 7, and 8, dug pits 18 X 18 X 12 ins. in each sec. 4 ft. dist. and raised a mound of earth 4 ft. base, 2 ft. high over deposit. In S.E. pit, drove an oak stake 2 ft. long, 2 ins sq., 12 ins in the ground marked T. 22 N. S. 5. on N.E. R. 33 W. S. 8 on S.E. S 7 on S.W. and S 6 on N.W. faces, with 5 notches on S. and E edges
	Land, rolling
	Soil, Sandy 4th rate.

	S. 87° 54' W. on a random line bet. secs. 6 and 7
40.00	Set Temp 1/4 Sec. cor.
80.30	Intersect Range line 31 lks. 31 lks. N. of cor. of secs 1, 6, 7 and 12.
	Thence I run
	N. 89° 41' E. on a true line bet. Secs. 6 and 7.

Chains	
	ascend gently over low hills sloping to N.W.
29.00	Top of ascent 40 ft.; thence along N. slope low hills.
40.15	Deposit charred stake 12 ins. in the ground for 1/4 sec. cor. dug pits 18 X 18 X 12 ins. E. and W. of cor. 4 ft. dist. and raised a mound of Earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In E. pit, drove a cedar stake 2 ft. long 2 ins. sq., 12 ins. in the ground marked 1/4 S. on N. face
55.00	Descend gently
66.80	Trail course N. and S.
80.30	The cor. of Secs 5, 6, 7, and 8.
	Land, rolling
	Soil, Sandy, 4th rate.

	N. 0° 1' E. on a random line bet secs 5, and 6
40.00	Set temp. 1/4 Sec. cor.
79.20	Intersect N. bdy of Tp. 40 lks E. of the cor. of secs, 5, and 6.
	Thence I run
	S. 0° 13' E., on a true line bet. Secs. 5, and 6, ascend over broken hills.
6.00	Top of ascent on E. face sand bluff.
7.00	Descend S. slope,
28.00	Bottom descent, thence over rolling valley
39.20	Deposit charred stake 12 ins in the ground for 1/4 sec. cor, dug pits 18 X 18 X 12 ins N. and S of cor. 4 ft. dist. and raised a mound of Earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In S. pit, drove a cedar stake 2 ft. long. 2 ins sq. 12 ins. in the ground, marked 1/4 S. on W. face,
49.70	Old trail bears E. and W.
74.00	ascend gently.
79.20	The cor. of secs, 5, 6, 7, and 8
	Land rolling and broken
	Soil, Sandy, 4th rate.
	July 11, 1899

Subdivision of T. 22 N. R. 33 W., Continued

Chains

From the cor. of secs 4, 5, 32, and 33 on the S bdy of Tp. I run
N. 0°2' E. bet. Secs. 32 and 33.
Ascend S. slope.
3.00 Top of ascent 50 ft. above cor. – thence over rolling ground.
20.00 Descend N. slope.
40.00 Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins N. and S. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In S. pit drove a cedar stake 2 ft. long, 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on W. face.
49.50 Wire fence, bears E. and W.
50.00 Bottom descent in W. end of basin like valley
54.00 Ascend S. slope gradually.
68.00 Top of ascent 80 ft.; thence over rolling ground.
80.00 Deposit charred stake 12 ins. in the ground for cor of Secs. 28, 29, 32, and 33. dug pits 18 X 18 X 12 ins. in each sec. 4 ft. dist., and raised a mound of earth 4 ft. base 2 ft. high over deposit
In S.E. pit, drove an Oak stake 2 ft. long, 2 ins. Sq., 12 ins. in the ground marked
T. 22 N. S. 28 N. E.
R. 33 W. S. 33 S. E
S. 32 on S.W. and
S. 29 on N.W. faces, with 1 notch on S. and 4 notches on E. edges.
Land, broken
Soil, sandy, 4th rate.

Weston a random line, bet Secs. 29 and 32.
40.00 Set temp., 1/4 Sec. cor.
80.04 Intersect N. and S line at the cor. of Secs 29, 30, 31, and 32.
Thence I run
East on a true line, bet. Secs. 29 and 32, over rolling valley land
30.00 ascend W. S. slope. low hills

Subdivision of T. 22 N., R. 33 W., Continued

Chains

40.02 Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins. E. and W. of cor. 4 ft. dist., and raised a mound of earth 3½ ft. base, 1½ ft. high, over deposit
In E. pit, drove a cedar stake 2 ft long 2 ins. sq., 12 ins. in the ground, marked
1/4 S. on N. face.
70.00 Top of ascent, thence over rolling ground.
80.04 The cor. of Secs. 28, 29, 32, and 33.
Land, rolling
Soil, Sandy, 4th rate.

N. 0°2' E. bet Secs 28, and 29.
Descend gradually.
10.00 Bottom descent, in ravine bearing E. and W.
Ascend along S.W. slope
30.00 Top of ascent, thence along W. face low hills.
40.00 Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins. N. and S. of cor 4 ft. dist and raised a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In S. pit, drove a cedar stake 2 ft. long, 2 ins. Sq., 12 ins. in the ground, marked
1/4 S. on W. face
Descend along N. W. slope, over low ridges.
77.00 Bottom descent on table land.
80.00 Deposit charred stake 12 ins. in the ground for cor. of Secs. 20, 21, 28, and 29, dug pits 18 X 18 X 12 ins. in each sec, 4 ft. dist, and raised a mound of earth 4 ft. base, 2 ft. high over deposit.
In S.E. pit, drove an Oak stake 2 ft. long 2 ins. Sq., 12 ins in the ground, marked
T. 22 N. S 21 N. E.
R. 33 W. S. 28 S. E.
S. 29 on S.W. and
S. 20 on N.W. faces, with 2 notches on S and 4 notches on E. edge.
Land, rolling
Soil, Sandy, 4th rate.

Subdivision of T. 22 N., R. 33 W., continued

chains

West on a random line bet. Secs 20, and 29

40.00 Set temp. 1/4 Sec. Cor.

80.08 Intersect N. and S. line 20 lks. S. of the cor. of Secs. 19, 20, 29, and 30.

Thence I run

(51) S. 89° 57' E., on a true line bet. Secs. 20, and 29 Over broken ground on top of hills.

37.00 Descend along N. E. slope

40.04 Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins E. and W. of cor. 4 ft. dist, and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In W. E. pit, drove an Oak stake 2 ft. long 2 ins. Sq. 12 ins. in the ground, marked 1/4 S. on N. face.

60.00 Bottom descent in ravine or pass bearing N. and S.

67.50 Trail bears N. and S., Ascend W. slope.

79.00 Top of ascent.

80.08 The cor. of Secs. 20, 21, 28, and 29.

Land, broken

Soil, Sandy 4th rate.

N. 0° 2' E., bet. Secs. 20, and 21.

3.00 Descend N. slope gradually.

9.38 Trail bears E. and W.

17.00 Descend river bluff.

27.00 Center of Dismal River, 20 lks. wide, flows N. E.

32.00 Ascend abruptly.

40.00 Deposit charred stake 12 ins in the ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins N. and S. of cor 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high over deposit. In S. pit, drove an Oak stake 2 ft. long 2 ins. Sq., 12 ins. in the ground, marked 1/4 S. on W. face

41.00 Top of abrupt ascent 100 ft. above river Ascend S. face hills.

60.00 Top of ascent, on E. face ridge, descend N. slope.

Subdivision of T. 22 N., R. 33 W., Continued.

chains

80.00 Deposit charred stake 12 ins in the ground for cor. of Secs. 16, 17, 20, and 21, dug pits 18 X 18 X 12 ins in each Sec. 4 ft. dist and raised a mound of earth 4 ft. base, 2 ft. high, over deposit. In S. E. pit, drove an Oak stake 2 ft. long 2 ins. Sq. 12 ins. in the ground, marked T. 22 N. S. 16 on N. E. R. 33 W. S. 21 on S. E. S. 20 on S. W. and S. 17. on N. W. faces, with 3 notches on S. and 4 notches on E. edges.

Land, rolling

Soil, Sandy 4th rate.

N. 89° 57' W., on a random line bet. Secs. 17 and 20

40.00 Set temp. 1/4 Sec. cor.

80.00 Intersect N. and S. line 2 lks N. of the cor. of Secs. 17, 18, 19, and 20.

Thence I run

S. 89° 58' E. on a true line bet. Secs. 17 and 20. Over ridges along N. slope hills

46.00 Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins E. and W. of cor. 4 ft. dist; and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In E. pit, drove an Oak stake 2 ft. long 2 ins. Sq., 12 ins. in the ground, marked 1/4 S. on N. face.

63.00 Descend N. slope from ridge.

80.00 The cor. of Secs. 16, 17, 20, and 21

Land, broken

Soil, Sandy 4th rate.

July 7, 1899

N. 0° 2' E., bet Secs. 16 and 17.

Descend gradually.

Subdivision of T. 22 N., R. 33 W., Continued

chains

14.00 Bottom of descent in narrow valley E and W.
16.00 Ascend gently.
30.00 Top of ascent; thence over low hills.
40.00 Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor., dug pits 18x18x12 ins. N. and S of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit.
In S. pit, drove an Oak stake 2 ft. long 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on W. face
47.27 Wire fence bearing E. and W. ascend
51.00 Sand peak or bluff; thence over ridges facing W.
80.00 Deposit charred stake 12 ins. in the ground for cor. of Secs. 8, 9, 16, and 17, dug pits 18x18x12 ins. in each sec. 4 ft. dist. and raised a mound of earth 4 ft. base, 2 ft. high, over deposit.
In S.E. pit, drove an Oak stake 2 ft. long, 2 ins. sq. 12 ins. in the ground, marked
T. 22 N. S. 9 on N.E
R. 33 W. S. 16 on S.E
S. 17 on S.W. and
S. 8 on N.W. faces, with 4 notches on S. and E. Edges.
Land, broken
Soil, Sandy, 4th rate.

52'

N. 89° 52' W.
+10
90.00
180.00
N 89-58 E

N. 89° 58' W., on a random line bet. secs 8, and 17
40.00 Set temp. 1/4 Sec. cor.
79.70 Intersect N. and S. line 24 lks. N. of the cor. of Secs. 7, 8, 17, and 18
Thence I run
58'
N. 89° 52' E., on a true line bet. secs. 8, and 17
Ascend gently over rolling ground in ravine
36.00 Top of ascent, descend gently
39.85 Deposit a charred stake 12 ins. in the ground for 1/4 Sec. cor., dug pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raised

Subdivision of T. 22 N., R. 33 W., Continued

chains

and W. of cor. 4 ft. dist., and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit
In E. pit, drove a cedar stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S on N. face.
58.00 Bottom of descent in N. Edge of valley
64.00 Ascend gradually over low hills.
79.70 The cor. of secs. 8, 9, 16, and 17.
Land, rolling
Soil, Sandy, 4th rate.

N. 0° 2' E. bet. Secs. 8, and 9.
Ascend slope.
9.00 Top of ascent 60 ft. above cor.; thence over broken ground.
20.00 Descend N. face
36.00 Descend N. slope gradually
40.00 Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor., dug pits 18x18x12 ins, N. and S. of cor. 4 ft. dist; and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit
In S pit, drove an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on W. face
49.00 Bottom of descent in narrow valley bearing E. and W.
67.00 Ascend low hills
68.00 Sand ridge 40 ft. above valley; thence over low hills descending gently.
80.00 Deposit charred stake 12 ins. in the ground for cor. of Secs. 4, 5, 8, and 9, dug pits 18x18x12 ins in each sec. 4 ft. dist; and raised a mound of earth 4 ft. base, 2 ft. high, over deposit
In S.E. pit, drove an Oak stake 2 ft. long 2 ins sq. 12 ins in the ground, marked
Tp 22 N. S. 4 N.E
R. 33 W. S. 9. S.E.
S. 8 on S.W. and
S. 5 on N.W. faces, with 5 notches on S and

4 notches on E. edges
Land, rolling and broken
Soil, Sandy 4th rate.

S 89°32' W. on a random line bet. Secs 5, and 8.
40.00 Set temp. 1/4 Sec. cor.
79.72 Intersect N. and S. line 9 lks. N. of the cor of secs 5, 6, 7, and 8,
Thence I run
N. 89°48' E. on a true line bet. Secs. 5 and 8. over rolling ground, on N. slope low hills ascending gently,
35.00 Top of ascent, thence along top low hills.
39.56 Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor., dug pits, 18 x 18 x 12 ins E. and W. of cor. 4 ft. dist, and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit.
In E. pit, drove cedar stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on N. face
43.00 Descend slightly along N. E. slope.
79.72 The cor. of secs 4, 5, 8, and 9.
Land, rolling.
Soil, Sandy, 4th rate,

N. 0°2' E. on a random line bet Secs, 4 and 5.
40.00 Set temp. 1/4 Sec. cor.
78.80 Intersect N. bdy of Tp. 20 lks. E. of the cor. of Secs. 4 and 5.
Thence I run
S. 0°7' E., on a true line bet. Secs. 4 and 5
Ascend N. slope over broken ground
15.80 Top of ascent on sand ridge, descend.
38.80 Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor., dug pits 18 x 18 x 12 ins. N. and S. of cor. 4 ft. dist, and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit.

Subdivision of T. 22 N., R. 33 W., Continued

chains
high over deposit
In S. pit, drove an Oak stake 2 ft. long, 2 ins sq., 12 ins in the ground, marked 1/4 S. on W. face.
44.50 Trail bears E. and W., at bottom descent, thence over low hills.
78.80 The cor. of Secs. 4, 5, 8 and 9.
Land, rolling and broken.
Soil, Sandy, 4th rate.
July 12, 1899

From the cor. of secs. 3, 4, 33, and 34, on S bdy of Tp. I run
N. 0°2' E. bet. Secs. 33, and 34
Ascend low hills.
9.00 Top of ascent 40 ft. above cor.
16.00 Descend gently.
35.00 Bottom descent, thence over low hills.
40.00 Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor., dug pits 18 x 18 x 12 ins N. and S. of cor. 4 ft. dist, and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit.
In S. pit, drove a cedar stake 2 ft. long 2 ins sq., 12 ins. in the ground, marked 1/4 S., on W. face
45.00 Wire fence bears, E. and W.
57.50 Trail - course N. 20° E.
63.00 Descend gently.
70.00 Enter rolling valley.
80.00 Set an Oak post 3 ft. long 4 ins. sq. with a charred stake 24 ins in the ground for cor. of Secs 27, 28, 33, and 34, marked
T. 22 N. S. 27 N. E
R. 33 W. S. 34 S. E.
S. 33 on S. W. and
S. 28 on N. W. faces, with 1 notch on S. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins in each Sec. 5 1/2 ft. dist, and raised a mound of earth 4 ft. base, 2 ft. high

Subdivision of T. 22 N., R. 33 W., continued

W. of cor.
Land, rolling
Soil, Sandy, 4th rate.

West on a random line bet. Secs. 28 and 33.
40.00 Set temp. 1/4 Sec. cor.
79.92 Intersect N. and S. line 10 lks. N. of cor of secs 28, 29, 32, and 33.
Thence I run
N. 89°56' E., on a true line bet. Secs 28 and 33.
Descend along E. slope lowhills.
20.00 Bottom of descent, thence over rolling valley
39.96 Deposit charred stake 12 ins. in the ground for 1/4 Sec. Cor., dug pits 18X18X12 ins E. and W. of cor. 4 ft. dist. and raised a mound of Earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit.
See foot of page
79.92 The cor. of secs. 27, 28, 33, and 34.
Land rolling
Soil, Sandy 4th rate.

N. 0°2' E., bet Secs. 27, and 28,
over rolling ground
6.00 ascend S. slope gradually.
37.00 Top of range of hills, bearing E. and W. 80 ft. above Sec. cor.
38.00 Descend N. slope.
40.00 Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor., dug pits 18X18X12 ins N. and S. of Cor. 4 ft. dist. and raised a mound of Earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit
In S. pit, drove a cedar stake 2 ft. long, 2 ins Sq., 12 ins. in the ground, marked 1/4 S. on W. face
50.00 Bottom descent, thence over table land
74.00 Trail course E. and W. descend slightly
× × × ×
In E. pit, drove an Cedar Stake 2 ft. long 2 ins. 12 ins. in ground, marked 1/4 S. on N. face

Subdivision of T. 22 N., R. 33 W., Continued.

Chains
80.00 Deposit charred stake 12 ins. in the ground for Cor. of Secs 21, 22, 27 and 28, dug pits 18X18X12 ins. in each Sec. 4 ft. dist and raised a mound of Earth 4 ft base, 2 ft. high, over deposit.
In S.E. pit, drove an Oak Stake 2 ft. long 2 ins. sq., 12 ins. in the ground, marked
T. 22 N. S. 22 on N. E.
R. 33 W. S. 27 on S. E.
S. 28 on S. W. and
S. 21 on N. W. faces, with 2 notches on S, and 3 notches on E. Edges.
Land, rolling and broken
Soil, Sandy, 4th rate.

S. 89°56' W. on a random line bet. Secs 21, and 28
40.00 Set temp. 1/4 Sec. cor.
80.10 Intersect N. and S line 7 lks N. of the cor. of Secs. 20, 21, 28 and 29.
Thence I run
N. 89°53 E. on a true line bet secs. 21 and 28.
6.00 Descend along S. slope ridge
13.00 Bottom of descent, thence over table land above river.
40.05 Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor., dug pits 18X18X12 ins. E. and W. of cor. 4 ft. dist. and raised a mound of Earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit
In E. pit, drove an Oak Stake 2 ft. long 2 ins. sq., 12 ins in the ground, marked 1/4 S. on N. face.
42.50 Trail course N. 80° E., descend gently
65.00 Ravine - run to river.
72.00 Ravine run to river.
80.10 The cor. of Secs. 21, 22, 27 and 28.
Land, rolling
Soil, Sandy, 4th rate.

Subdivision of T. 22 N., R. 33 W., continued

Chains	
	N. 0°2' E., bet. secs. 21 and 22.
	Descend gradually.
5.00	Along W. face of canon.
10.50	River bluff.
11.15	Dismal River, 30 lks. wide, flows East from N. W.
15.00	North bluff of river, ascend
32.00	Top of ascent 80 ft. above river, thence over broken ground
40.00	Deposit charred stake 12 ins. in the ground for 1/4 sec. cor., dug pits 18 X 18 X 12 ins N. and S. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base, 1½ ft. high over deposit. In S. pit, drove an Oak stake 2 ft. long 2 ins. sq. 12 ins in the ground, marked 1/4 S on W. face
42.50	Descend over broken ground.
54.00	Descend gradually along N. S. slope.
75.00	Bottom descent; thence over rolling ground.
80.00	Set an Oak post 3 ft long 4 ins sq. with charred stake 24 ins. in the ground for cor. of secs. 15, 16, 21, and 22 marked. T 22. N. S. 15 on N. E. R. 33 W. S 22. on S. E. S. 21 on S. W. and S. 16 on N. W. faces, with 3 notches on S and E. edges, dug pits 18 X 18 X 12 ins in each sec. 5½ ft. dist. and raised a mound of Earth 4 ft. base, 2 ft. high, W. of cor.
	Land, rolling and broken
	Soil, sandy, 3rd and 4th rate.

	S 87°53' W. on a random line bet secs 16, and 21
40.00	Set temp 1/4 sec. cor.
80.04	Intersect N. and S line 16 lks. S. of cor. of Secs 16, 17, 20, and 21.
	Thence I run
	East on a true line bet secs. 16 and 21.

Subdivision of T. 22 N., R. 33 W. continued.

Chains	
	Along N. slope range.
23.00	Descend N. E. Slope
35.00	Bottom descent in S. edge narrow valley
40.02	Deposit charred stake 12 ins in the ground for 1/4 sec. cor., dug pits 18 X 18 X 12 ins E and W. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base, 1½ ft. high, over deposit. In E. pit, drove an Oak stake 2 ft. long 2 ins. sq. 12 in. in the ground, marked 1/4 S. on N. face
76.00	Ascend gently
80.04	The cor. of secs. 15, 16, 21, and 22.
	Land, rolling
	Soil, sand 4th rate.
	July 8, 1899.

	N. 0°2' E., bet. secs. 15, and 16, over rolling ground.
20.00	Ascend S. slope
36.00	Top of ascent on low hill
40.00	Deposit charred stake 12 ins. in the ground for 1/4 sec. cor., dug pits 18 X 18 X 12 ins. N. and S of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft. high, over deposit. In S. pit, drove a cedar stake 2 ft. long. 2 ins. sq., 12 ins in the ground, marked 1/4 S on W. face.
47.50	Descend N. E. Slope.
58.00	Bottom of descent in W. edge valley
60.00	Ascend S. slope gradually.
69.10	Nearly course E. and W.
78.00	Top of ascent on S. face hills.
80.00	Deposit charred stake 12 ins. in the ground for cor. of secs. 9, 10, 15, and 16, dug pits 18 X 18 X 12 ins. in each sec. 4 ft. dist. and raised a mound of Earth 4 ft. base, 2 ft. high, over deposit. In S E. pit, drove an Oak stake 2 ft. long 2 ins sq. 12 ins. in the ground marked

Subdivision of T. 22 N., R. 33 W., Continued

Chains

T. 22 N. S. 10 on N. E.
R. 33 W. S. 15 on S. E.
S. 16 on S. W. and
S. 9. on W. W. faces, with 4 notches on S. and 3 notches on E. Edges.
Land, rolling and broken
Soil, Sandy 4th rate.

West, on a random line bet. Secs. 9. and 16
40.00 Set temp. 1/4 Sec. cor.
80.28 Intersect N. and S. line 8 lks. S. of cor. of Secs 8, 9, 16, and 17.
Thence I run.
S. 89°57' E. on a true line bet. Secs. 9. and 16.
ascend
5.00 Top of ridge; thence along S. slope range. over sand ridges and broken ground.
23.00 Ravine course N. and S. ascend
40.14 Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor.; dug pits 18 X 18 X 12 ins. E. and W. for cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In E. pit, drove an oak stake 2 ft. long 2 ins. sq., 12 ins. in the ground. marked 1/4 S. on N. face.
53.00 Ridge
68.70 Ridge descend.
70.00 Bottom descent, over broken ground on S. face range.
80.28 The cor. of Secs. 9, 10, 15, and 16.
Land, very broken
Soil. Sandy 4th rate.

N. 0°2' E., bet. Secs. 9, and 10.
ascend S. face
8.00 Top of range Hills
14.00 Descend gradually N. slope.
34.00 Bottom descent; thence over rolling ground.

Subdivision of T. 22 N., R. 33 W., Continued

Chains

40.00 Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor.; dug pits 18 X 18 X 12 ins. N. and S. of cor., 4 ft. dist. and raised a mound of Earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In S. pit, drove a cedar stake 2 ft. long, 2 ins. sq., 12 ins. in the ground. marked 1/4 S. on W. face.
53.00 Ascend over low hills.
66.50 Trail course N. W.
78.00 Top of ascent on low bluff; thence along W. face of ridge
80.00 Set an oak post 3 ft. long 4 ins. sq. with a charred stake 24 ins. in the ground for cor. of Secs. 3, 4, 9, and 10, marked
T. 22. N. S. 3 on N. E.
R. 33 W. S 10 on S. E.
S 9 on S. W. and
S 4 on N. W. faces, with 5 notches on S. and 3 notches on E. Edges, dug pits 18 X 18 X 12 ins in each Sec. 5 1/2 ft. dist. and raised a mound of Earth 4 ft. base, 2 ft. high W. of cor.
Land, broken.
Soil. Sandy, 4th rate.

N. 89°57' W. on a random line bet. Secs. 4 and 9.
40.00 Set temp. 1/4 Sec. cor.
80.20 Intersect N. and S. line 37 lks. W. of the cor. of Secs. 4, 5, 8, and 9.
Thence I run.
N. 89°47' E. on a true line bet. Secs. 4. and 9
over rolling ground.
39.00 Ascend W. slope ridge.
40.10 Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins E. and W. for cor. 4 ft. dist. and raised a mound of Earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In E. pit, drove an oak stake 2 ft. long 2 ins. sq., 12 ins. in the ground, marked

Subdivision of T. 22 N., R. 33 W., continued.

chains	
	1/4 S. on W. face
53.00	Top of ascent, on N. face ridge, descend
70.70	Bottom descent at trail course N.W. and S.E. ascend over low hills.
80.20	The cor. of secs. 3, 4, 9, and 10.
	Land, rolling and broken.
	Soil, sandy, 4th rate

	N. 0° 2' E., on a random line bet secs. 3, and 4.
40.00	Set temp. 1/4 sec. cor.
78.20	Intersect N. bdy of Tp. 40 lks E. of the cor. of secs. 3, and 4.
	Thence I run
	S. 0° 15' E. on a true line bet secs. 3, and 4.
	ascend over broken ground.
8.30	Top, descend S. slope
32.00	Bottom descent; thence over low hills.
38.20	Deposit charred stake 12 ins. in the ground for 1/4 sec. cor., dug pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit
	In S. pit, drove a cedar stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on W. face.
60.00	Ascend gently
65.00	Top of ascent, thence along N. face ridge.
78.20	The cor. of secs. 3, 4, 9, and 10.
	Land, rolling and broken.
	Soil, sandy, 4th rate
	July 13, 1899.

	From the cor. of secs. 2, 3, 34, and 35, on S. bdy of Tp. I run
	N. 0° 3' E., bet. secs. 34 and 35
	Ascending S.E. slope low hills
22.00	Top of ascent on low hills
25.00	Descend
40.00	Deposit charred stake 12 ins. in the ground

Subdivision of T. 22 N., R. 33 W., continued

chains	
	for 1/4 sec. cor., dug pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit.
	In S. pit, drove a cedar stake 2 ft. long 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on W. face
46.00	Bottom descent; thence over rolling ground
53.53	Wire fence, bears E. and W.
60.00	Ascend gently along S.W. slope.
80.00	Deposit charred stake 12 ins. in the ground for cor. of secs. 26, 27, 34, and 35, dug pits 18x18x12 ins. in each sec. 4 ft. dist. and raised a mound of earth 4 ft. base 2 ft. high, over deposit
	In N.E. pit, drove an Oak stake 2 ft. long 2 ins. sq., 12 ins. in the ground, marked T. 22 N. S. 26 on N.E. R. 33 W. S. 35 on S.E. S. 34 on S.W. and S. 27 on N.W. faces, with 1 notch on S. and 2 notches on E. edges.
	Land, rolling
	Soil, sandy, 4th rate.

	West on a random line bet. secs 27, and 34.
40.00	Set temp. 1/4 sec. cor.
79.90	Intersect N. and S. line at the cor. of secs. 27, 28, 33, and 34.
	Thence I run
	East on a true line bet. secs. 27 and 34.
	ascend gently along N.W. slope.
7.70	Trail course N.E. and S.W.
30.00	Top of ascent on low ridge
39.95	Deposit charred stake, 12 ins. in the ground for 1/4 sec. cor., dug pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit
	In E. pit, drove an Oak stake 2 ft. long.

Subdivision of T. 22 N., R. 33 W., Continued

Chains	
	2 ins. sq., 12 ins in the ground, marked 1/4 S. on N. face
43.00	Descend gradually,
57.00	Bottom descent; thence ascend gently over rolling ground sloping S.W.
79.90	The cor. of Secs. 26, 27, 34 and 35. Land, rolling Soil, sandy, 4th rate.

	N. 0° 3' E., bet. Secs. 26, and 27, ascend along S.W. slope
39.00	Top of ascent on range of hills bearing E. and W. Descend gradually,
40.00	Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor., dug pits 18X18X12 ins N. and S of cor. 4 ft. dist and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit In S. pit, drove cedar stake 2 ft. long 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on W. face.
55.00	Bottom descent; thence over table land.
66.50	Trail - bears E. and W.
72.00	Descend gradually.
80.00	Deposit charred stake 12 ins in the ground for. cor. of Secs. 22, 23, 26, and 27, dug pits 18X18X12 ins. in each sec. 4 ft. dist. and raised a mound of earth 4 ft base, 2 ft. high, over deposit. In S.E. pit, drove an Oak stake 2 ft. long 2 ins. sq., 12 ins. in the ground, marked T 22 N S. 23 on N. E. R. 33 W. S. 26 on S. E S. 27 on S.W. and S. 22 on N.W. faces, with 2 notches on S. and E. edges. Land, rolling and broken Soil. Sandy, 4th rate.

Subdivision of T. 22 N., R. 33 W. Continued

Chains	
	West on a random line bet. Secs. 22 and 27
40.06	Set temp. 1/4 Sec. cor.
80.10	Intersect N. and S line at the cor. of Secs 21, 22, 27, and 28. Thence I run East on a true line bet. Secs, 22, and 27. over table land sloping to the River.
40.05	Deposit charred stake 12 ins. in the ground for 1/4 sec. cor., dug pits 18X18X12 ins E. and W. of cor. 4 ft. dist. and raised a mound of Earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In E. pit, drove an Oak stake 2 ft. long 2 ins sq., 12 ins. in the ground, marked 1/4 S. on N. face
80.10	The cor. of Secs. 22. 23. 26, and 27. Land rolling Soil, sandy, 3rd rate

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	N. 0° 3' E. bet Secs. 22, and 23 Descend gradually.
8.30	Enter river bottom 10 ft. W. of river
10.50	S. bank Dismal River, flows S. from W. 30 lks. W. Ascend abruptly.
14.00	Top of river bluff, 30 ft. above river, ascend gradually,
37.00	Top of range of hills 150 ft. above river; thence over broken ground.
40.00	Deposit charred stake 12 ins in the ground for 1/4 Sec. cor., dug pits 18X18X12 ins. N. and S. of cor. 4 ft dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high. over deposit. In S. pit, drove a cedar stake 2 ft. long 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on W. face
47.00	Descend over ridges
61.00	Bottom, descent; thence over low hills
80.00	Deposit charred stake 12 ins in the ground for cor. of Secs. 14, 15, 22, and 23. dug pits 18X18X12 ins in each sec. 4 ft. dist. and raised

Subdivision of T. 22 N., R. 33 W., continued

chains

a mound of earth 4 ft. base, 2 ft. high, over deposit.
In S.E. pit, drove an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T. 22 N. S. 14 on N.E.
R. 33 W. S. 23 on S.E.
S. 22 on S.W. and
S. 15 on N.W. faces, with 3 notches on S. and 2 notches on E. edges.
Land, broken
Soil, sandy. 4th rate

West on a random line bet. Secs. 15, and 22.
40.00 Set temp. 1/4 Sec. cor.
79.90 Intersect N. and S. line 11 lks. S. of the cor of secs. 15, 16, 21, and 22.
Thence I run
S. 89° 55' E. on a true line bet Secs. 15 and 22. over rolling valley.
20.00 ascend along S.W. slope low hills
38.00 Top of ascent, on S. face low range.
39.95 Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 in E. and W. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit
In E. pit, drove a cedar stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on W. face.
74.00 Descend along S.E. slope
79.90 The cor. of Secs. 14, 15, 22, and 23.
Land, rolling and broken.
Soil, sandy, 4th rate.
July 14, 1899.

N. 0° 3' E., bet secs 14 and 15.
ascend low hills
11.00 Top - over rolling ground
25.00 Descend gradually.

Subdivision of T. 22 N., R. 33 W., continued

chains
30.00 Enter rolling valley.
40.00 Deposit charred stake 12 ins in ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins N. and S. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit.
In S. pit, drove a cedar stake 2 ft. long, 2 ins. sq., 12 ins. in ground, marked 1/4 S. on W. face.
41.40 Trail course N.W. and S.E.
58.83 Wire fence, bears N. 80° W.
62.00 Ascend along S.E. slope
79.40 Top of ascent on E. face bluff
80.00 Deposit charred stake 12 ins. in ground for cor. of secs. 10, 11, 14, and 15, dug pits 18 X 18 X 12 ins in each Sec. 4 ft. dist. and raised a mound of earth 4 ft. base 2 ft. high, over deposit.
In S.E. pit, drove an oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked
T. 22 N. S. 11 on N.E.
R. 33 W. S. 14 on S.E.
S. 15 on S.W. and
S. 10 on N.W. faces, with 4 notches on S and 2 notches E. edges.
Land, rolling and broken
Soil, sandy, 4th rate.

N. 89° 55' W. on a random line bet Secs. 10, and 15.
40.00 Set temp. 1/4 Sec. cor.
80.10 Intersect N. and S line at the cor. of secs 9, 10, 15, and 16.
Thence I run
S. 89° 55' E. on a true line bet. Secs. 10, and 15. along S. face range
12.00 Descend from ridge over very broken ground
40.05 Deposit charred stake 12 ins. in ground for 1/4 sec. cor., dug pits 18 X 18 X 12 ins. E. and W. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit.

Chains	
	In E. pit drove an Oak stake 2 ft. long 2 ins. sq., 12 ins. in ground, marked 1/4 S. on N. face
49.00	Bottom descent, thence ascend gently over very broken ground.
53.00	Trail N.W. and S.E.
79.00	Top of Ascent.
80.10	The cor. of Secs 10, 11, 14, and 15
	Land, broken
	Soil, sandy, 4th rate

N. 0° 3' E., bet. secs. 10 and 11
over rolling ground on top hills

12.00	Descend
29.00	Bottom descent, in narrow valley
31.00	ascend gradually along S. slope
40.00	Deposit charred stake 12 ins. in ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins. N. and S. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base, 1½ ft. high, over deposit
	In S. pit, drove a cedar stake 2 ft. long 2 ins. sq., 12 ins. in ground, marked 1/4 S. on W. face.
52.00	Top of ascent over rolling ground on S. face range of hills.
76.00	Top of range
80.00	Deposit charred stake 12 ins. in ground for cor. of Secs 2, 3, 10, and 11, dug pits 18 X 18 X 12 ins in each Sec. 4 ft. dist. and raised a mound of Earth 4 ft. base, 2 ft. high, over deposit.
	In S.E. pit, drove an Oak stake 2 ft. long, 2 ins. S.Q., 12 ins. in ground, marked T. 22 N. S. 2. on N.E. R. 33 W. S. 11 on S.E. S. 10 on S.W. and S. 3 on N.W. faces, with 5 notches on S. and 2 notches on E. edges.
	Land, broken
	Soil, sandy, 4th rate.

Chains	
	N. 89° 55' W., on a random line bet. secs. 3, and 10.
40.00	Set temp. 1/4 Sec. cor.
79.90	Intersect N. and S. line 12 lks. N. of the cor. of Secs 3, 4, 9, and 10.
	Thence I run East on a true line bet. secs. 3 and 10. over low hills
20.20	Trail-course N.W. and S.E. ascend gradually over rolling ground.
39.95	Deposit charred stake 12 ins. in ground for 1/4 Sec. cor., dug pits. 18 X 18 X 12 ins. E. and W. of cor. 4 ft. dist. and raised a mound of Earth 3½ ft. base, 1½ ft. high, over deposit. In E. pit, drove an Oak stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on N. face
75.00	Top of ascent 70 ft., thence over rolling ground
79.90	The cor. of Secs. 2, 3, 10, and 11.
	Land, rolling and broken.
	Soil, sandy, 4th rate.

N. 0° 3' E., on a random line bet. Secs. 2, and 3.

40.00	Set temp. 1/4 Sec. cor.
78.32	Intersect N. bdy of Tp. 30 lks E. of the cor of Secs. 2, and 3.
	Thence I run S. 0° 10' E., on a true line bet. Secs. 2 and 3 ascend along N.E. slope
8.00	Top of ascent, on E. face bluff, descend along S.E. slope.
24.00	Bottom descent in narrow valley.
34.00	Ascend over low hills.
38.32	Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor., dug pits, 18 X 18 X 12 ins. N. and S. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base, 1½ ft. high, over deposit. In S. pit, drove an Oak stake 2 ft. long, 2 ins. sq., 12 ins in ground, marked 1/4 on W. face.

Chains	
43.00	Top of ascent; thence rolling foothills.
64.00	Descend N. Slope gradually
78.32	The cor. of Secs. 2, 3, 10 and 11.
	Land, rolling and broken
	Soil, Sandy, 4th rate.
	July 17, 1899.

From the cor. of Secs. 1, 2, 35, and 36 on S. bdy of Tp. I run
No. 4 E., bet. Secs. 35, and 36.
Descend N. Slope hills.

1.00	Trail - course E. and W.
3.48	Wire fence - Course S. E. and N. W.
17.00	Descend river bluff.
18.00	Bottom of descent over river bottom, through dense growth of willows
21.46	Wire fence - N. E. and S. W.
22.70	Center of S. Fork Dismal River 15 lks. wide, flows E.
24.50	Elbow of River on W. bank.
27.00	Leave river bottom - Ranch. trail - bears E. and N., thence along E. face of bluff.
39.00	Ascend abruptly.
40.00	Deposit chained stake 12 ins in the ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins N. and S. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In S. pit drove a cedar stake 2 ft. long 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on W. face.
42.50	Top of abrupt ascend 150 ft. above river. ascend gently.
54.72	Wire fence - bears E. and W. over rolling ground.
70.00	Ascend gently S. W. slope.
80.00	Deposit a chained stake 12 ins. in ground for cor. of Secs 25, 26, 35, and 36, dug pits 18 X 18 X 12 ins. in each sec. 4 ft. dist. and raised a mound of earth 4 ft. base, 2 ft. high, over deposit

Chains	
	In S. E. pit, drove an oak stake 2 ft. long, 2 ins. sq., 12 ins. in ground, marked T. 22 N. S. 25 on N. E., R. 33 W. S. 36 on S. E. S. 35 on S. W. and S. 26 on N. W. faces, with 1 notch on S. and E. Edges.
	Land, broken
	Soil. Sandy 1st rate on river bottom 4th rate on hills

West on a random line bet. Secs. 26, and 35.

40.00	Set temp 1/4 Sec. Cor.
80.00	Intersect N. and S. line at the cor. of Secs 26, 27, 34 and 35
	Thence I run
	East on a true line bet Secs. 26, and 35 ascend gently S. W. Slope.
8.00	Top of ascent 20 ft. above cor., thence descend gently along S. slope hills.
33.00	Bottom of descent, thence over rolling ground.
40.00	Deposit chained stake 12 ins. in ground for 1/4 Sec. cor., dug pits, 18 X 18 X 12 ins. E. and W. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high over deposit. In E. pit, drove an Oak Stake 2 ft. long 2 ins. sq., 12 ins. in ground, marked 1/4 S. on N. face.
50.35	Wire fence - Course N. 10° E.
55.00	ascend gently over low hills
66.35	Trail - Course N. and S.
80.00	The cor. of Secs. 25, 26, 35, and 36.
	Land, rolling
	Soil, Sandy, 4th rate.

Before I establish permanent corners on the 4th Guide Meridian, I compare my measurement with that of the 4th Guide - and find that the measurement.

chains

of the Guide Meridian from the cor. of T. 21 N. and 22 N., R. 32 W. to the cor. of Secs. 19, and 30, T. 22 N., R. 32 W., to be 119.40 chs.
I therefore conclude that it is impossible for me to make closing S. on corners established on this line by equal measurement from the corners Established for R. 32 W. - I therefore run my latitudinal lines in East tier of sections in a true East course and establish corners common to two sections at the intersection with the 4th Guide Meridian

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East on a true line bet. Secs. 25, and 36
ascend over low ridges
38.00 Top of ascent; thence along N. face hills
40.00 Deposit charred stake 12 ins. in ground for 1/4 Sec. cor., dug pits 18X18X12 ins. E. and W. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base, 1½ ft. high, over deposit
In E. pit, drove a cedar stake 2 ft. long, 2 ins. sq. 12 ins. in ground, marked
1/4 S. on N. face
53.00 Descend along N. E. slope
67.00 Descend abrupt river bluff.
74.00 Point on Edge bluff, above bend in river
78.20 S. Fork Dismal River 15 lks. wide - flows N. E.
82.50 ascend N. W. slope.
84.80 Intersect 4th Guide Meridian W. at a point N. 7.78 chs. dist. from the cor. of Secs. 30 and 31 - T. 22 N., R. 32 W. - where I deposit charred stake 12 ins. in the ground for the cor. of secs 25, and 36, dug pits 24X24X12 ins. in each sec. 4 ft dist. and raised a mound of earth 4 ft. base, 2 ft. high over deposit
In S. W. pit, drove an Oak stake 2 ft. long 2 ins. sq., 12 ins. in ground, marked
T. 22 N. S. 36. on S. W. and
R. 33 W. S. 25 on N. W. faces, with 1 notch on S. and 5 notches on N. edges
Land, broken - Soil Sandy 4th rate

chains

N. 0° 4' E. bet. Secs. 25 and 26.
Descend over low hills
38.00 Bottom descent; thence over table land
40.00 Deposit charred stake 12 ins. in ground for for 1/4 Sec. cor., dug pits 18X18X12 ins N. and S. of cor. 4 ft. dist. and raised a mound of Earth 3½ ft. base, 1½ ft. high, over deposit
In S. pit, drove a cedar stake 2 ft. long, 2 ins. sq., 12 ins. in ground, marked
1/4 S. on N. face.
47.80 Trail, bears E. and W.
55.20 Trail. course S. E. and N. W.
62.00 River bluff, descend abruptly
65.37 S. bank of N. Fork Dismal River 40 lks. wide flows N. E.
68.00 Top of River bluff, thence ascend gradually
80.00 Deposit a charred stake 12 ins. in ground for cor. of Secs. 23, 24, 25, and 26, dug pits 18X18X12 ins. in each sec. 4 ft. dist, and raised a mound of earth 4 ft. base, 2 ft. high, over deposit
In S. E. pit, drove an Oak stake 2 ft. long. 2 ins. sq, 12 ins. in ground, marked
T. 22 N. S. 24 on N. E.
R. 33 W. S. 25 on S. E.
S. 26. on S. W. and
S. 23. on N. W. faces, with 2 notches on S. and 1 notch on E. edges
Land, rolling and broken
Soil, sandy, 4th rate

West on a random line bet Secs. 23 and 26
39.50 Set temp pt. for witness cor. to 1/4 Sec. cor.
80.00 Intersect N. and S. line at the cor. of Secs. 22, 23, 26, and 27.
Thence I run
East on a true line bet. Secs. 23. and 26
over ridges and rolling ground on N. gentle Slope
8.00 Pt. 5 chs S. of Sod house 8
32.00 Descending along S. face canon.

24

Subdivision of T. 22 N., R. 33 W., Continued

Chains	
37.00	S. bank Dismal River.
39.80	W. bank Dismal River 20 lks. wide flows S.E., ascend
40.00	Pt. for 1/4 cor. falls in river.
40.40	Deposit charred stake 12 ins. in ground for Witness Cor. to 1/4 Sec. Cor., dug pits 18X18X12 ins. E. and W. of cor. 4 ft. dist. and raised a mound of Earth 3½ ft. base, 1½ ft. high, over deposit. In E. pit drove an oak stake 2 ft. long, 2 ins. sq., 12 ins. in ground, marked W. C. 1/4 S. on N. face.
49.00	Ascend abruptly.
57.00	Top of ascent, thence over table land
64.60	Wire fence - Course N. 10° W.
68.80	Trail N. and S. ascend gently along S.W. slope
80.00	The cor. of Secs. 23, 24, 25, and 26

Land, rolling and broken.
Soil, Sandy, 3rd and 4th rate.

East bet. Secs. 24, and 25
ascend along S.W. face hills.

17.00	Top of ascent 50 ft above cor. descend over bluff.
39.00	Bottom descent, thence over broken ground
40.00	Deposit charred stake 12 ins in ground for 1/4 Sec. cor., dug pits 18X18X12 ins. E. and W. of cor. 4 ft. dist. and raised a mound of Earth 3½ ft. base, 1½ ft. high, over deposit. In E. pit drove a cedar stake 2 ft. long, 2 ins. sq., 12 ins. in ground, marked 1/4 S. on N. face
67.00	Over ridge along river bluff
81.00	Descend over rolling ground.
84.68	Intersect 4th Guide Meridian at a point N. 8.24 chs. dist. from the cor. of Secs. 19, and 30. T. 22 N. R. 32 W., where I deposit a charred stake 12 ins. in ground for cor. of Secs 24, and 25; dug pits 24X24X12 ins in each Sec. 4 ft. dist, and raised a mound of earth 4 ft base

Subdivision of T. 22 N., R. 33 W., Continued

Chains	
	2 ft. high over deposit. In S.W. pit, drove an oak stake 2 ft. long 2 ins. sq., 12 ins. in the ground, marked T 22 N. S. 25 on S.W. and R 33 W. S. 24 on N.W. faces, with 2 notches on S. and 4 notches on N. edges.

Land, broken.
Soil, Sandy, 4th rate
July 15, 1899.

N. 0° 4' E., bet Secs. 23, and 24.
ascend along S.E. slope.

30.70	Top of ascent on high sand bluff over broken ground.
40.00	Deposit charred stake 12 ins in ground for 1/4 Sec. cor., dug pits 18X18X12 ins N. and S. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base, 1½ ft. high, over deposit. In S. pit, drove a cedar stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on W. face
52.50	Trail, course N. 10° E. at bottom descent; ascend gently over low sand bluffs.
75.50	Wire fence bears N. 10° E..
80.00	Set an Oak post 3 ft. long, 4 ins. sq. with a charred stake 24 ins. in ground, marked T 22 N. S. 13 on N.E. R. 33 W. S. 24 on S.E. S. 23 on S.W. and S. 14 on N.W. faces, with 3 notches on S. and 1 notch on E. edge, dug pits 18X18X12 ins. in each Sec. 5½ ft. dist. and raised a mound of Earth 4 ft. base, 2 ft. high W. of cor.

Land, broken
Soil, Sandy, 4th rate.

chains	
	West on a random line bet. secs 14, and 23.
40.00	Set temp. 1/4 Sec. Cor.
80.08	Intersect N. and S. line 2 lks N. of the cor. of secs 14, 15, 22, and 23.
	Thence I run
	N. 89° 48' E. on a true line bet. secs. 14, and 23, over low hills and ridges along S. slope range.
25.00	Sand ridge - 50 ft. high. descend
35.00	Bottom descent; thence ascend gently over low hills
40.04	Deposit charred stake 12 ins. in ground for 1/4 sec. cor., dug pits 18 X 18 X 12 ins. E. and W. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In E. pit, drove a cedar stake 2 ft. long 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on N. face
71.00	Top of ascent on S. slope, low ridge
80.08	The cor. secs. 13, 14, 23, and 24.
	Land, broken
	Soil, Sandy, 4th rate
	July 17, 1899.

	East on a true line bet. secs 13 and 24. along S. face range over broken ground
0.93	Wire fence N. 10° E.
7.50	Trail to mullen bears N. and S.
18.00	Low sand bluff
37.00	Ridge, descend
40.00	Deposit charred stake 12 ins in ground for 1/4 sec. cor., dug pits 18 X 18 X 12 ins E. and W. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In E. pit, drove a cedar stake 2 ft. long 2 ins. sq. 12 ins. in ground marked 1/4 S. on N. face.
55.00	Bottom descent, thence along N. slope hills over low ridge
84.60	Intersect 4th Guide Meridian at a point North 8.45 chs. dist. from the

chains	
	Cor. of secs. 18 and 19, T. 22 N., R. 33 W. where I deposit a charred stake 12 ins. in the ground for the cor. of secs. 13, and 24, dug pits 24 X 24 X 12 ins in each sec. 4 ft. dist. and raised a mound of earth 4 ft. base 2 ft. high, over deposit. In S. W. pit, drove an oak stake 4 ft. long 2 ins. sq., 12 ins. in the ground, marked T. 22 N. S. 24 on S. W. and R. 33 W. S. 13 on N. W. faces, with 3 notches on N. and S. edges.
	Land, broken
	Soil, Sandy, 4th rate.

	N. 0° 4' E. bet. secs. 13, and 14.
	Ascend S. slope
3.50	Top of ascent, 40 ft. above cor.; thence over broken ground
9.00	Descend N. slope gradually,
25.00	Bottom descent; over rolling ground
39.90	Wire fence course N. 20° W.
40.00	Deposit charred stake 12 ins. in the ground for 1/4 sec. cor. dug pits 18 X 18 X 12 ins N. and S. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In S. pit, drove a cedar stake 2 ft. long, 2 ins sq, 12 ins. in the ground, marked 1/4 S. on W. face
55.00	ascend gradually along S. slope low hills
80.00	Deposit charred stake 12 ins. in the ground for cor. of secs. 11, 12, 13, and 14, dug pits 18 X 18 X 12 ins in each sec. 4 ft. dist and raised a mound of earth 4 ft. base, 2 ft. high, over deposit. In S.E. pit, drove an oak stake 2 ft. long, 2 ins. sq, 12 ins. in the ground, marked T. 22 N. S. 12 on N. E. R. 33 W. S. 13 on S. E. S. 14 on S. W. and S. 11 on N. W. faces with 4 notches on S. and 1 notch on E. edges
	Land, rolling
	Soil, sandy.

Subdivision of T. 22 N., R. 33 W., Continued

chains

S. 89° 48' W. on a random line bet. Secs. 11 and 14

40.00 Set temp. 1/4 Sec. cor.

80.18 Intersect N. and S. line 34 lks. S. of the cor. of Secs. 10, 11, 14, and 15.

Thence I run

S. 89° 57' E., on a true line bet. Secs. 11, and 14. on top low hills over ridges and sand bluffs

40.09 Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor., dug pits, 18 X 18 X 12 ins. E. and W. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In E. pit, drove a cedar stake 2 ft. long 2 ins. Sq., 12 ins. in the ground, marked 1/4 S. on N. face.

57.70 Low bluff

80.18 The cor. of Secs. 11, 12, 13, and 14.

Land, broken

Soil, Sandy, 4th rate.

East on a true line bet Secs. 12 and 13, over rolling ground on low hills

18.20 Trail to Mullen, Course N. and S.

24.70 Low sand peak.

40.00 Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor. dug pits 18 X 18 X 12 ins. E. and W. of Cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In E. pit drove a cedar stake 2 ft. long. 2 ins. Sq., 12 ins. in the ground, marked 1/4 S. on N. face

41.00 Ascend along N.W. slope

75.00 Top of ascent on N. slope hills, descend

84.64 Intersect 4th Guide Meridian at a point N. 8.40 chs. dist. from the cor. of Secs. 7 and 18 T. 22 N. R. 32 W., where I deposit charred stake 12 ins. in the ground for cor. of Secs. 12 and 13, dug pits 24 X 24 X 12 ins. in each Sec. 4 ft. dist. and raised a mound of

Subdivision of T. 22 N., R. 33 W., Continued

chains

Earth 4 ft. base, 2 ft. high, over deposit. In S.W., drove an Oak stake 2 ft. long 2 ins. Sq., 12 ins. in the ground, marked T. 22 N. S. 13. on S.W. and R. 33 W. S 12 on N.W. faces, with 4 notches on S and 2 notches on N. Edge.

Land, broken.

Soil, Sandy, 4th rate.

N. 0° 4' E., bet. Secs. 11, and 12, ascend gently

3.60 Top low ridge, descend.

20.00 Ascend gradually along S. slope hills.

40.00 Deposit charred stake, 12 ins. in the ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins. N. and S. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In S. pit, drove an Oak stake 2 ft. long, 2 ins Sq., 12 ins. in the ground, marked 1/4 S. on W. face

47.00 Top of ascent on hills 100 ft. above Sec. cor

60.00 Descend gradually

78.75 Bottom descent in ravine. E. and W. ascend

80.00 Deposit charred stake 12 ins. in the ground for Cor. of Secs. 1, 2, 11, and 12, dug pits 18 X 18 X 12 ins. in each Sec. 4 ft. dist. and raised a mound of Earth 4 ft. base, 2 ft. high, over deposit In S.E. pit, drove an Oak stake 2 ft. long 2 ins. Sq. 12 ins. in the ground, marked T. 22 N. S. 1. on N.E. R. 33 W. S. 12. on S.E. S. 11, on S.W. and S. 2 on N.W. faces, with 5 notches on S. and 1 notch on E. Edges.

Land, broken.

Soil, Sandy, 4th rate

40.

Subdivision of T. 22 N., R. 33 W. Continued

chains

N. 89°57' W., on a random line bet. Secs. 2, and 11.
40.00 Set temp. 1/4 Sec. cor.
80.06 Intersect - N. and S. line 32 lks. S. of cor. of Secs. 2, 3, 10, and 11.
Thence I run
S. 89°43' E., on a true line bet. Secs. 2, and 11.
over rolling ground.
3.00 Descend gradually along N. E. slope
40.03 Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins E. and W. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In E. pit drove an oak stake 2 ft. long 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on N. face.
48.00 Bottom descent in depression, ascend along N. W. slope
72.00 Top of ascent, thence descend gently.
80.06 The cor. of Secs. 1, 2, 11, and 12.
Land, rolling and broken.
Soil, sandy, 4th rate.

East on a true line bet. Secs. 1, and 12.
Descend gently along S. slope, low hills
40.00 Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins E. and W. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In E. pit drove an oak stake 2 ft. long 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on N. face
55.50 Trail to Mullen - course N. and S.
79.00 Low ridge, descend gently
84.88 Intersect 4th Guide Meridian at a point N. 8.38 chs. dist. from the cor. of Secs. 6. and 7 Tp. 22 N. R. 32 W., where I deposit a charred stake 12 ins. in

Subdivision of T. 22 N., R. 33 W., Continued

chains

ground for the cor. of Secs. 1, and 12, dug pits 24 X 24 X 12 ins. in each Sec. 4 ft. dist. and raised a mound of earth 4 ft. base, 2 ft. high over deposit. In S. W. pit, drove an oak stake 2 ft. long 2 ins. sq., 12 ins. in the ground, marked T. 22 N. S. 12 on S. W. and R. 33 W. S. 1 on N. W. face, with 5 notches on S. and 1 notch on E. Edges.
Land, rolling.
Soil, Sandy, 4th rate.

N. 0° 4' E., on a random line bet. Secs. 1, and 2.
40.00 Set. temp. 1/4 Sec. cor.
78.68 Intersect - N. bdy of Tp. 36 lks. E. of the cor of Secs. 1, and 2.
Thence I run
S. 0° 11' E., on on a true line bet. Secs. 1 and 2.
over rolling ground.
6.50 Old Trail - bears E. and W.
33.00 ascend gently.
38.68 Deposit charred stake 12 ins. in ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins N. and S. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base 1 1/2 ft. high, over deposit. In S. pit drove an oak stake 2 ft. long. 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on W. face.
40.00 Top of ascent. 70 ft. above valley.
[illegible].50 Descend gradually.
[illegible].68 The cor. of Secs. 1, 2, 11, and 12.
Land, rolling
Soil, sandy, 4th rate.
July 18, 1899

chains

Survey of the T.C. and Pre. claims of John L. Roseberry - owned by William R. Chadbourne - The representative of these claims could not ~~show~~ me the original location corners, and requested that I survey out the claims from the new corners of Secs. 22, 23, 26, and 27, as a survey from this corner would cover the land that was purchased from Mr. Roseberry.

Survey T.C. claim of John L. Roseberry owned by William R. Chadbourne, 160 acres N.E¼ Sec. 27.—
From the ¼ sec. cor. bet. secs. 26 and 27, I run
West along S. bdy.
along N. face hills
14.50 Ravine ascend gradually.
33.00 Top of ascent; thence along N. face range.
40.00 Set temp. S.W. cor. of claim

From the ¼ sec. cor. bet. secs. 22, and 27 I run
S. 0° 3' W. on W½ bdy of claim.
ascend gently.
5.00 Top of ascent; thence on table land
14.50 Trail - course E. and W. ascend gradually.
27.00 Top of ascent 80 ft.; thence along N. face hills.
40.00 Intersect S. bdy of claim at temp. cor. where I deposit charred stake 12 ins. in ground for S.W. cor. of claim, dug pits 18 X 18 12 ins. N. and S. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft. high, over deposit
In N. pit drove an Oak stake 2 ft. long, 2 ins sq., 12 ins. in ground, marked
W.R.C. on N.E. face.
Land, rolling and broken
Soil, sandy, 3rd and 4th rate.

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chains

Survey of Pre. claim of John L. Roseberry owned by William R. Chadbourne, 160 acres W½ and S.E¼ of N.W.¼; Sec 26, and S.E¼ of S.E¼ Sec. 23.
From a point on the sec. line bet secs. 23 and 26, 20 chs. E. from N.W. cor. of sec 26 I run
N. 0° 3' E. along E. bdy of that part of Claim in Sec. Sec. 23. over table land
5.00 Descend river bluff
6.50 S. bank of Dismal River, 30 lks wide, flows E. and ascend
13.00 N. high bank of River, ascend gently.
20.00 Set temp. N.E. cor. of claim.
Land, level and broken
Soil, sandy, 3rd and 4th rate.

From a point on line bet secs. 22 and 23 20 chs. N. 0° 3' E. from S.W. cor. of secs. 23, where I deposit a charred stake 12 ins in ground for the N.W. cor. of claim, dug pits 18 X 18 X 12 ins S. and E. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In E. pit, drove an Oak stake 2 ft. long. 2 ins. sq., 12 ins. in the ground, marked W.R.C. on S.E. face, I run
East along N. bdy, ascend along S. face bluffs.
10.00 Top of ascent; thence descend
20.00 Intersect E. bdy. at temp. cor. where I deposit charred stake 12 ins. in the ground for N.E. cor. of claim, dug pits 18 X 18 X 12 ins S. and W. of cor. 4 ft. dist, and raised a mound of earth 3½ ft. base, 1½ ft. high, over deposit
In S. pit, drove an Oak stake 2 ft. long 2 ins sq., 12 ins in ground, marked
W.R.C. on W. face.
Land, broken
Soil, sandy 4th rate.

Chains	
	From the point on N. bdy of Sec. 26, 20 chs. dist E. from N.W. cor. - I run S. 0°3' W. along E. bdy claim, ascend gently
7.00	Top of ascent, course E. and W.
10.50	Top of ascent, thence over rolling ground
20.00	Deposit charred stake 12 ins. in ground for S.E. cor. N.W.¼ N.W.¼ Sec. 26, dug pits 18X18X12 ins. N. and E. of cor. 4 ft. dist, and raised a mound of Earth 3½ ft. base, 1½ ft. high, over deposit. In N. pit, drove an Oak stake 2 ft. long, 2 ins sq., 12 ins. in the ground, marked W. R C. on N.W. face. Land, rolling Soil, Sandy, 3rd and 4th rate.

	East along N. bdy - S.E.¼ of N.W.¼ Sec. 26 over rolling ground
20.00	Set temp. cor Land, rolling Soil, Sandy, 4th rate.

	From the ¼ Sec. cor. bet. Secs. 26 and 27 - I run East along S. bdy. along N. slope hills, descending
25.00	Enter rolling ground
40.00	Deposit charred stake 12 ins. in ground for S.E. cor. of claim, dug pits 18X18X12 ins. N. and W. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft. high, over deposit. In N. pit, drove an Oak stake 2 ft. long 2 ins sq., 12 ins. in ground, marked W.R.C. on N.W. face Land, rolling and broken Soil, Sandy 4th rate.

Chains	
	N. 0°3' E. on E. bdy of claim Along N. slope hillside
20.00	Intersect N. bdy at the limp, cor. where I deposit a charred stake 12 ins. in ground for N.E. cor. S.E.¼ of N.W.¼ Sec. 26, dug pits 18X18X12 ins. S. and W. of cor. 4 ft. dist. and raised a mound of Earth 3½ ft. base, 1½ ft. high, over deposit. In S. pit, drove an Oak stake 2 ft. long, 2 ins. sq., 12 ins. in ground, marked W. R C. S.W. face. Land, rolling Soil, Sandy 4th rate July 19, 1899

General Description.

This Township is very broken, consisting of ranges of sand hills with narrow rolling valleys between hills.

There is a table land lying S. of the N. Fork of the Dismal River - but not enough soil in it for agricultural purposes. The river bottoms are very narrow, the slopes extentending nearly to the water's edge - the banks on S. of river, slope gradually ~~two~~ and river and the north banks have an abrupt slope -

The Timber Culture claim of Marion T. Hicks - No. 12569 was not surveyed as there was no representative on the ground, and dilligent inquiry failed to find a representative or a person interested

Willard W. Alt
U. S. Surveyor.

July 19, 1899.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by .....

....., United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of .....

.....

showing the respective capacities in which they acted:

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted .....

....., United States Deputy Surveyor, in surveying all those parts or portions of the .....

.....

.....

..... of the .....

..... meridian, ... of ....., which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for .....

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

.....

Subscribed and sworn to before me this .....
day of ....., 189

SEAL

.....

.....

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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, ..., United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from ..... United States Surveyor General for ....., bearing date of the ..... day of ....., 189 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for ....., the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of .....

.....

.....

.....

..... of the .....

..... meridian, in the ..... of ....., which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for ..... and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

.....

United States Deputy Surveyor.

Subscribed by said ....., and sworn to before me this ..... day of ....., 189 }

SEAL

.....

.....

APPROVAL.

Lines (Land) OFFICE OF THE UNITED STATES ~~SURVEYOR GENE~~RAL,

Wash D.C. June 30, 1900, ~~189~~

The foregoing field notes of the survey of Subdivision and Claim Lines of Township No. 22 North, Range 33 West

executed by Willard W. Alt, U.S. Surveyor under his contract No. —, dated April 17, 1899, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Bruce Hewson

~~United States Surveyor General.~~ Commissioner and Ex-Officio Surveyor General for Nebraska

I ~~certify that the foregoing transcript of the field notes of the above described surveys in~~ ....., has been correctly copied from the original notes on file in this office.

.....

United States Surveyor General.

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Book Number

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W.W. Alt Subdivision of T 22 N - R 33 W

The images in this file are microfilm images of the notes of W.W. Alt resurveys of portions of the State of Nebraska on file in the Office of the Nebraska State Surveyor located in Lincoln, Nebraska.

The W.W. Alt resurveys began in the mid 1890's and were completed in the early 1900's.