General Land Office • Original Field Notes

Book Number

778

W.W. Alt Subdivision of T 21 N - R 37 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.

778

Duplicate

Ex 10-27-1903 R.H.

Claim lines not ex. R.B.

Ok

4—679.

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

58495 1900

23

FIELD NOTES

OF THE SURVEY OF THE

Subdivisions and Claim Lines of Township No. 21 N. Range No. 37 West

Of the Sixth 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 Dec. 16, 1899

Survey completed January 23, ~~189~~ 1900

6—151

NAMES AND DUTIES OF ASSISTANTS.

Joseph B. Koon, Chainman
George M. Stevenson, " "
Charles J. Betts, " "
Percy Adams, Flagman
Harry Bowers, " "
Charles L. Phillips, Monumentman
Albert Clanson, " "

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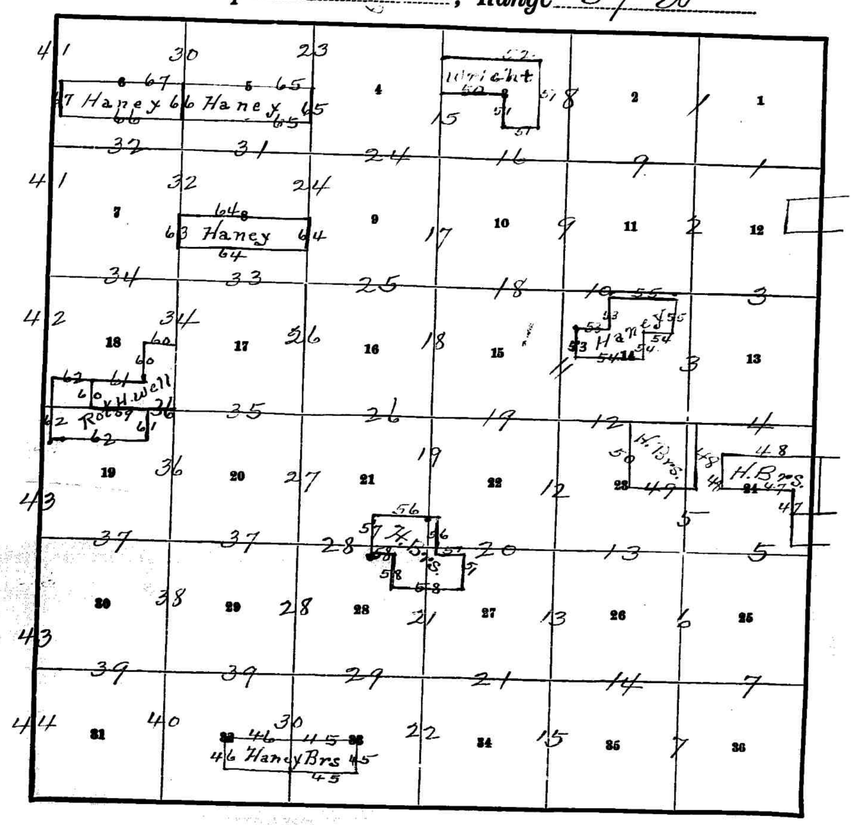
INDEX DIAGRAM.

Township 21 N, Range 37 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 trul
perform the duties of flagman according to instructions given me, to the best of my skill and ability, in th
survey of .....

..... *Flagma*

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

SEAL

6—151

Subdivision of Township No. 21 N. Range 37 W. 2d.

Chains	
	From the Cor. of Secs. 1, 2, 35 & 36 on the North bdry of Tp. I run parallel to E bdry. of Tp. S. 0° 2' E., bet. Sec 1 and 2
	Over rolling dry valley.
19.00	Enter low foot hills.
33.00	Ascend N.W. slope gradually.
40.00	Deposit charred stake 12ins in ground for 1/4 Sec. Cor. dug pits 18x18x12ins 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 2ins. sq. 12ins in the ground - Marked 1/4 S. on W. face.
66.00	Top of ascent, 75 ft. on W face hills.
79.00	Descend S.W. face.
80.00	Deposit charred stake 12ins in the ground for Cor. of Sec. 1. 2. 11 and 12., dug pits 18x18x12ins. 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 2ins. sq. 12ins in the ground, Marked T. 21 N., S. 1 on N.E. R. 37 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 rolling and broken
	Soil sandy, 4th rate

	East on a random line bet. Secs. 1 and 12.,
40.00	Set temp. 1/4 Sec. Cor.
80.16	Intersect E. bdry of Tp at the Cor. of Secs. 1. 6. 7 & 12
	Thence I run
	West on a true line bet. Secs. 1 and 12.
	Over broken hills.
11.80	Trail, course N and S. ascend over broken hills.
34.50	Top of ascent on ridge, 150 ft. above Valley. Ascent E. face hills.

300 for W

Subdivision T. 21 N., R. 37 W., Continued

Chains	
40.08	Deposit charred stake 12ins in ground for 1/4 Sec. Cor. dug pits 18x18x12ins 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 2ft long 2ins sq. 12ins. in the ground, marked 1/4 S. on N. face.
46.00	Top of high range of hills, descend over rolling ground along W. face hills.
50.16	The Cor. of Secs. 1. 2. 11 and 12. Land, broken. Soil sandy. 4th rate.
	S. 0° 2' E. bet. Secs. 11 and 12. Descend S.W. face hills.
12.00	Descend abrupt. S.W. slope
37.00	Bottom of descent in basin at trail running E. and W.
40.00	Deposit charred stake 12ins in ground for 1/4 Sec. Cor. dug pits 18x18x12ins N. & 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 2ft. long 2ins sq. 12ins in ground, marked 1/4 S. on W. face.
45.75	Trail, course N.W. and S.E.
46.00	Ascend N. slope.
60.00	Top of ascent on E. face hills.
68.00	Descend.
73.00	Bottom of descent, thence over rolling ground
79.13	Wire fence runs S. 85° W. Enter meadow land.
80.00	Deposit charred stake 12ins in ground for Cor of Secs. 11. 12. 13 and 14., dug pits 18x18x12ins in each Sec. 4 ft. dist. and raised a mound of earth 4 ft. base 2ft. high, over deposit. In S.E. pit drove an Oak stake 2ft. long 2ins sq. 12ins in ground, marked T. 21 N., S. 12 on N.E. R. 37 W., S. 13 on S.E.

Subdivisions of T. 21 N., R. 37 W., Continued

Chains	
	S. 14 on S.W. and S. 11 on N.W. face, with 4 notches on S. & 1 notch on E. edges. Land, rolling and broken. Soil, sandy mud. 2nd & 4th rate.
	East on a random line bet. Sec. 12 and 13.
40.00	Set temp. 1/4 Sec Cor.
80.00	Intersect E. bdry. of Tp. at the Cor. of Secs. 7. 12. 13 & 18 Thence S. run. West on a true line bet secs 12 and 13. Over rolling ground along N. slope low hills
0.80	Trail runs S.E. and N.W.
5.80	Trail runs N. and S. ascend gently.
19.00	Top, thence along S. face low hills.
40.00	Deposit charred stake 12ins in ground for 1/4 Sec. Cor. dug pits 18x18x12ins E. & W. of Cor. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft. high, over deposit.— In East pit drove an Oak stake 2ft. long 2ins sq. 12ins. in the ground, marked 1/4 S. on North face.
52.00	Descend gently
55.05	Wire fence runs N. and S.
68.00	Line runs in trail West and S.E.
72.00	Bottom of descent, over rolling ground.
74.00	Leave trail run S. and N.W.
76.20	Trail runs N. and S.
76.44	Wire fence runs N. and S. Enter meadow land.
80.00	The Cor. of Secs. 11, 12, 13 and 14. Land, rolling — Soil, sandy, 1st and 4th rate.
	S. 0° 2' E. bet Secs. 13 and 14. Over level meadow land.
40.00	Deposit charred stake 12ins in the ground for 1/4 Sec. Cor., dug pits 18x18x12ins N. and S. of Cor. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft high, over deposit.

Subdivision of T. 21 N., R. 37 W., Continued.

Chains	
	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.
47.68	Wire fence runs S. 70° W., thence over rolling ground
65.20	Trail, runs about E and W. ascend gently along S.E. slope
80.00	Set an Oak Post 3 ft long, 4 ins sq. with a Charred stake 24 ins in ground for Cor. of Sec. 13-14-23 and 24, marked T. 21 N., S. 13. on N.E. R. 37 W., S 24 on S.E. S. 23 on S.W. and S. 14 on N.W. face, with 3 notches on S and 1 notch on E. edge, dug pits 18×18×12 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, level and rolling Soil, sandy, 1st and 4th rate.

East on a random line bet. Secs 13 and 24

40.00	Set temp 1/4 Sec. Cor.
80.14	Intersect E. bdry of Tp. at the Cor of Secs. 13, 18, 19 & 24. Thence I run

West on a true line bet. Secs. 13 and 24. Along top of high hills.

27.00	Descend gradually over ridges
38.50	Descend W. slope
40.07	Deposit charred stake 12 ins in the ground for 1/4 Sec. Cor. dug pits 18×18×12 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. W. face.
48.30	Wire fence runs N. 20° E.
69.50	Trail, runs N and S. at bottom descent, thence over low broken hills.
80.14	The Cor. of Secs 13. 14. 23 & 24. Land, broken Soil, sandy. 4th rate.

Subdivisions of T. 21 N., R. 37 W., Continued.

Chains		
	S. 0° 2' E. bet Secs. 23 and 24 Ascend over broken hills.	
3.00	Low bluff - descend gently.	
9.03	Wire fence runs E. and W.	
11.75	Descend S. slope.	
18.30	Wire fence, runs N.W. and S.E. at bottom descent. Enter meadow land	wrong
27.50	Leave meadow, ascend gently through E. edge Grove of small cottonwoods —	
38.18	Wire fence runs E. and W., leave grove	
38.35	Trail, runs along fence.	not shown
40.00	Deposit charred stake 12 ins. in ground for 1/4 Sec. Cor. dug pits 18×18×12 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 in. sq. 12 ins. in ground, marked 1/4 S. on W. face.	
48.00	Ascend N. slope, gradually.	
69.50	Top of ascent on ridge, thence over low hills.	
74.48	Trail runs N.E. and S.W. —	
80.00	Deposit charred stake 12 ins in ground for Cor of Sec. 23. 24. 25 and 26 - dug pits 18×18×12 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 in. sq. 12 in in the ground, marked T. 21 N., S. 24 on N.E. R. 37 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 notches on E. edge — Land - rolling — Soil, sandy 1st and 4th rate.	

East on a random line bet. Sec. 24 and 25

40.00.	Set temp. 1/4 Sec. Cor.
80.10	Intersect E. bdry of Tp. 10 lks S of the Cor of Secs 19, 24. 25 and 30 thence I run

Chains

S. 89°56' W. on a line bet Secs 24 and 25.
Over rolling ground.
2.25 Trail, runs N. and S. ascend E. slope hills
8.50 Top of ascent 50 ft. thence ascend gently along S.E. face of hills over broken ground.
12.57 Wire fence, runs N. 10° W.,
40.05 Deposit charred stake 12ins in ground for 1/4 Sec. Cor. dug pits 18x18x12ins 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 2ft. long, 2ins. sq. 12ins in ground, marked
1/4 S on N. face.
46.75 Top of ascent on N. face hills
78.00 Descend N.W. slope.
80.10 The Cor. of Secs 23.24.25 and 26.
Land, rolling and broken.
Soil, sandy, 4th rate.

Dec 16, 1899

S. 0°2' E. bet. Secs 25 and 26
ascend N.E. slope hills.
15.00 Top of ascent, thence along W. face.,
25.50 Descend along S.W. slope.
40.00 Deposit charred stake 12ins in ground for 1/4 Sec. Cor. dug pits 18x18x12ins 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 2ft. long, 2ins. sq. 12ins. in ground, marked
1/4 S. on W. face.
[illegible].00 Descend S. slope hills.
79.10 Bottom descent, at trail — E. and W.
80.00 Deposit charred stake 12ins in ground for Cor. of Secs 25.26.35 and 36, dug pits 18x18x12ins in each Sec. 11 ft. dist. and raised a mound of earth 4 ft base 2 ft. high, over deposit.
In S.E. pit drove an Oak stake 2ft. long 2ins sq. 12ins in ground, marked

Chains

T. 21 N., S 25 on N.E.
R. 37 W., S. 36 on S.E.
S. 35 on S.W. and
S. 26 on N.W. face with 1 notch on S. and E. edges.
Land, broken and rolling
Soil, sandy 4th rate.

N 89° 56' E., on a random line bet. Secs. 25 and 36
40.00 Set temp. 1/4 Sec. Cor.
80.06 Intersect E. bdry. of Tp. 7 lks. S of the Cor. of Sec. 25. 30. 31 and 36.
Thence I run
S. 89°53' W. on a true line bet. Secs. 25 and 36
ascend out of depression.
6.00 Top of ascent 50 ft, thence over broken ground.
19.00 Descend W. slope hills.
40.03 Deposit charred stake 12ins in ground for 1/4 Sec Cor., dug pits 18x18x12ins 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 2ft long 2ins sq. 12ins. in ground, marked
1/4 S. on N. face.
54.00 Bottom of descent, thence over rolling ground
71.60 Trail - Course N.E. and S.W.
80.06 The Cor. of Secs. 25.26.35 and 36.
Land, rolling and broken.
Soil, sandy, 2nd. and 4th rate.

S. 0°2' E. on a random line bet. Secs 35 and 36
40.00 Set temp. 1/4 Sec. Cor.
79.20 Intersect 5th Standard Parallel 31 lks. E. of the Standard Cor. of Secs 35 and 36.
Thence I run
N. 0°1' W, bet. Secs 35 and 36.
Over rolling ground.
1.00 Ascend low hills.
28.00 Top of Ascent, 50 ft. descend gently along N.W. face

Subdivision of T. 21 N., R. 37 W., Continued.

Chains	
39.20	Deposit charred stake 12ins in ground for 1/4 Sec. Cor. dug pits 18x18x12ins 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 2ins. sq. 12ins in ground, marked 1/4 S. on W. face.
46.00	Descend N. slope gently.
59.00	Bottom of descent, over rolling ground
71.65	Trail, runs N.E. and S.W.
72.20	Enter E. end of Alkali basin.
76.70	Leave basin.
79.20	The Cor. of Secs. 25.26.35 and 36. Land, rolling and broken. Soil sandy and alkali - 2nd. and 4th rate. Dec. 19, 1899.

From the Cor. of Secs. 2.3.34 and 35 on the N. bdry. of Tp. I run.
S. 0° 3' E bet. Secs 2 and 3.
Along N.W. slope.
11.00 Top of ascent, on W. face bluff. thence along W. face over very broken ground.
27.00 Descend abruptly from sand bluff.
35.00 Bottom. Thence along W. face low hills.
40.00 Deposit charred stake 12ins in ground for 1/4 Sec. Cor. dug pits 18x18x12ins. 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 2ins sq. 12ins in ground, marked 1/4 S. on W. face.
49.00 Enter rolling Valley —
64.20 Trail - Course N.W. and S.E. ascend gently.
75.50 Top of ascent 50 ft. on W. face low hills.
79.00 Descend —
80.00 Deposit charred stake 12ins in ground for Cor. of Secs. 2.3.10 and 11. dug pits 18x18x12ins in each Sec 4 ft. dist. and raised a mound of earth 4 ft. base

Subdivision of T. 21 N., R. 37 W. Continued.

Chains	
	2 ft. high, over deposit. In S.E. pit drove an Oak stake 2 ft. long 2ins. sq. 12ins. in ground, marked T. 21 N., S. 2. on N.E. R. 37 W., S. 11 on S.E. S. 10 on S.W. and S. 3 on N.W. face — with 5 notches on S. and 2 notches on E. edges. Land, rolling and broken. Soil, sandy 4th. rate.

East on a random line bet. Secs. 2 and 11
40.00 Set temp. 1/4 Sec. Cor.
80.00 Intersect N. and S. line 16 lks. N. of the Cor of Secs. 1.2.11 and 12.
Thence I run
N. 89° 53' W. on a true line bet. Secs. 2 and 11
Descend along W. slope hills over ridges
40.00 Deposit charred stake 12ins in ground for 1/4 Sec. Cor. dug pits 18x18x12ins 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. 2ins sq. 12ins in ground, marked 1/4 S. on N. face.
61.90 Trail, runs N.W. and S.E.
64.00 Enter rolling Valley land.
78.00 Ascend S.E. slope foot hills
80.00 The Cor. of Sec. 2.3.10 and 11. Land, rolling and broken. Soil, sandy, 4th. rate.

S. 0° 3' E., bet. Secs. 10 and 11.
Over low hills.
9.00 Enter rolling grounds, E. and W.
11.60 Trail, runs N.E. and S.W.
32.00 Ascend N.E. slope gradually.
40.00 Deposit charred stake 12ins in ground for 1/4 Sec.

Chains

Cor. dug pits 18×18×12ins 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 2ins sq. 12ins. in ground, marked
¼ S. on W. face.

61.50 Top of ascent, 75 ft., thence along W. face hills.

75.50 Descend.

80.00 Deposit charred stake 12ins in ground for Cor. of Secs. 10. 11. 14. and 15, dug pits 18×18×12ins in each Sec. 4 ft. dist. and raised a mound of earth 4 ft. base. 2 ft. high, over deposit.
In N. pit drove an Oak Stake 2 ft. long 2ins sq. 12ins in ground marked.
T. 21 N., S. 11 on N.
R. 37 W., S. 14 on S.
S. 15 on S.W. and
S. 10 on N.W. face. with 4 notches on S. and 2 notches on E. edges.
Land rolling and broken
Soil sandy, 4 th. rate.

S. 89° 53' E. on a random line bet. Secs. 11 and 14

1 10.00 Set temp. ¼ Sec. Cor.

80.10 Intersect N and S line 16 lks. S of Cor of Secs. 10. 11. 14 and 15.
Thence I run
West on a true line bet. Secs. 11 and 14.
Cors. in meadow land.

11.80 Wire fence N. 70° E..

not shown 12.60 Trail along fence.

" " 18.92 Corral fence runs N and S. Rothwells house 2 chs S.

not shown 20.94 Wire fence, runs N. and S.W. ascend abrupt S. slope.,

27.00 Top of abrupt ascent 100 ft. thence along S. face high hill—

40.05 Deposit charred stake 12ins in ground for ¼ Sec. Cor. dug pits 18×18×12ins E. and W. of Cor. 4 ft.

Chains

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. 12ins in ground, marked
¼ S. on N. face.

55.50 Top of hills, 150 ft. above Valleys — thence Descend along W. slope.

80.10 The Cor of Secs 10. 11. 14 and 15.
Land, level and broken
Soil, sandy, 1st and 4th rate.

S. 0° 3' E bet. Secs 14 and 15
Along W. face low hills.

3.50 Descend S. slope.

31.00 Enter rolling Valley bears E. and W.

32.20 Trail, runs E. and W.

35.20 Trail, runs N.W. and S.E. ascend gradually.

40.00 Deposit charred stake 12ins in ground for ¼ Sec. Cor. dug pits 18×18×12ins 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 2ins sq. 12ins in ground, marked
¼ S. on W. face.

67.00 Top of ascent 80 ft. thence over ridges rolling ground.

80.00 Deposit charred Stake 12ins in ground for Cor of Secs 14. 15. 22 and 23, dug pits 18×18×12ins 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. 12ins in ground, marked
T. 21 N., S. 14 on N.E.
R. 37 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, rolling and broken
Soil, sandy 4th rate.

Subdivision of T. 21 N., R. 37 W. Continued.

Chains	
	East on a true line bet. Secs. 14 and 23.
40.00	Set temp. 1/4 Sec. Cor.
79.82	Intersect N. and S. line at the Cor. of Secs 14.15. 22 and 23.
	Thence I run
	West on a true line bet. Secs. 14 and 23
	Along top low hills over broken ground.
10.50	Ascend gently - over ridges.
39.20	Wire fence, runs N. and S.
39.91	Deposit charred stake 12ins in ground for 1/4 Sec. Cor. dug pits 18x18x12ins. 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 2ins sq. 12ins in ground, marked 1/4 S. on N. face.
53.00	Ravine .. Orchard.
61.75	Ridge N. and S. - descend gently over broken ground
79.82	The Cor. of Secs 14. 15. 22 and 23.
	Land, broken -
	Soil, sandy 4th rate.

	S. 0° 3' E. bet. Secs. 22 and 23.
	Over broken ground on top hills.
5.00	Descend abruptly.
24.68	Wire fence runs E. and W. Enter rolling Valley
39.00	Ascend low hills.
40.00	Deposit charred stake 12ins in ground for 1/4 Sec. Cor. dug pits 18x18x12ins. 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 2ins sq. 12ins in ground, marked. 1/4 S. on W. face.
44.00	Top of ascent, thence over low rolling hills.
60.00	Descend -
69.00	Bottom of descent, Enter rolling Valley.
74.00	Ascend gently.
80.00	Deposit charred stake 12ins in ground for

Subdivision of T. 21 N., R. 37 W., Continued

Chains	
	Cor. of Secs 22, 23. 26 and 27, dug pits 18x18x12ins. in each Sec. 4 ft. dist and raised a mound of earth 4 ft. base 2 ft. high, over deposit.
	In S. pit drove an Oak Stake 2 ft. long 2ins sq. 12ins in ground Marked. T. 21 N., S. 23 on N. R. 37 W. S. 26 on S. S. 27 on S.W. and S. 22 on N.W. face with 2 notches on S. and E. edges.
	Land, rolling and broken.
	Soil, sandy, 4th rate.

	East on a random line bet. Secs. 23 and 26
40.00	Set temp. 1/4 Sec. Cor.
79.80	Intersect N. and S. line 18 lks. S. of the Cor of Secs. 23. 24. 25 and 26.
	Thence I run
	S. 89° 52' W. on a true line bet. Secs 23 and 26
	Over low hills along S. face low range of hills.
4.20	Trail, course N.E. and S.W.
11.00	Ascend gently.
39.90	Deposit charred stake 12ins in ground for 1/4 Sec. Cor. dug pits 18x18x12ins 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 2ins sq. 12ins in ground, marked 1/4 S. on N. face.
40.50	Top of ascent, on low range of hills, descend W. slope
61.00	Bottom of descent, in basin like valley.
72.00	Ascend gently.
79.80	The Cor. of Secs. 22. 23. 26 and 27.
	Land, rolling and broken.
	Soil, sandy, 3rd and 4th rate.
	Dec. 18. 1899

	S. 0° 3' E. bet. Secs. 26 and 27.
2.50	Descend gently.

Subdivision of T. 21 N., R. 37 W., Continued.

Chains

11.00 Bottom of descent in basin.
30.00 Ascend N. slope gradually.
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 an Oak Stake 2 ft. long 2 ins. sq. 12 ins in ground, marked
1/4 S. on W. face.
52.00 Top of ascent. 80 ft. thence over broken ground
69.50 Descend over broken ground.
80.00 Deposit charred stake 12 ins in ground for Cor. of Secs 21. 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 S.E. pit drove an Oak Stake 2 ft. long 2 ins. sq. 12 ins. in ground Marked
T. 21 N., S. 26 on N.E.
R. 37 W., S. 35 on S.E.
S. 34 on S.W. and
S. 27 on N.W. face, with 1 notch on S. and 2 notches on E. edges.
Land, rolling and broken.
Soil, sandy. 3rd. and 4th. rate.

N. 89° 52' E. on a random line bet. Secs. 26 and 35
40.00 Set temp. 1/4 Sec. Cor.
79.70 Intersect N. and S. line 19 lks. N. of the Cor. Secs 25, 26. 35 and 36.
Thence I run
West on a true line bet. Secs. 26 and 35
Over level ground in N. edge basin the valley
8.16 Wire fence, runs S. from pt. 1 ch. N. Enter meadow
15.11 Wire fence, runs S. 70° W.,
25.50 Ascend S.E. slope Hill
36.00 Top of ascent 70 ft. thence along S. face hills on ridges
39.85 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

Subdivision of T. 21 N., R. 37 W., Continued.

Chains

3½ ft. base 1½ ft. high, over deposit
In E. pit drove an Oak Stake 2 ft. long 2 in. sq. 12 ins in ground, marked
1/4 S. on N. face.
Ascend gently over broken ground along S. face hills
79.70 The Cor. of Secs. 26. 27. 34 and 35.
Land, level and broken.
Soil, sandy. 3rd and 4th rate.

S. 0° 3' E. on a random line bet. Secs 34 and 35.
40.00 Set temp. 1/4 Sec. Cor.
79.36 Intersect 5th Standard Parallel 28 lks E. of the Standard Cor. of Secs. 34 and 35.
Thence I run
N. 0° 9' E. on a true line bet. Secs 34 and 35
Over broken ground along E. face hills
14.40 Descend.
39.36 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 an Oak Stake 2 ft. long 2 in. sq. 12 ins. in the ground, marked
1/4 S. on W. face.
41.40 Bottom of descent in neck of valley.
46.40 Trail runs N.W. and S.E.
55.00 Ascend over low broken, sand bluffs.
79.36 The Cor. of Secs 26. 27. 34 and 35.
Land, rolling and broken.
Soil, sandy 4th rate.

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From the Cor. of Secs 3. 4. 33 and 34 on N. bdry of Tp. I run
S. 0° 3' E. bet. Secs 3 and 4
Over low broken hills.
13.00 Low ridge, descend gently.
14.50 Trail runs N.E. and S.W.

Subdivision of T. 21 N., R. 37 W., Continued.

Chains	
31.00	Trail, runs E. and W. in neck of Valley
33.00	ascend N slope gradually.
40.00	Deposit pieces of coal 12 ins in ground for 1/4 Sec. Cor. dug pits 18×18×12 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 S. on W. face.
66.00	Top of gradual ascent 100 ft. above Valleys ascend N face.
75.00	Top of high range of hills—thence over broken ground.
80.00	Set an Oak Post 3 ft. long 4 ins. sq. with a charred stake 12 ins. in ground for Cor. of Secs 3. 4. 9 and 10 marked T. 21 N., S. 3 on N.E. R. 37 W., S. 10 on S.E. S. 9 on S.W. and S. 4 on N.W. face with 5 notches on S. and 3 notches on E. edges. dug pits 18×18×12 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.

East on a random line bet Secs. 3 and 10.

40.00	Set temp. 1/4 Sec. Cor.
80.10	Intersect N and S line 17 lks N. of the Cor. of Secs. 2. 3, 10 and 11. Thence I run N. 89°53' W. on a true line bet. Secs. 3 and 10 Over low broken sand bluffs and ridges.
22.80	Trail Course N and S., ascend—
33.50	Sand peak or bluff.
40.05	Deposit charred stake 12 ins in the ground for 1/4 Sec. Cor., dug pits 18×18×12 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 ground, marked 1/4 S. on N. face.

Subdivisions of T. 21 N., R. 37 W. Continued.

Chains	
45.00	Ridge—thence along E face range
64.00	Top of high range of hills 150 ft. above Valleys
80.10	The Cor. of Secs. 3. 4. 9 and 10. Land, broken. Soil, sandy 4th rate.

S. 0°3' E. bet. Secs 9 and 10.
Over broken ground on top hills.

5.00	Descend S. face.
22.00	Descend abrupt S. slope.
29.00	Bottom of descent.
33.15	Wire fence runs N.E. and S.W. enter meadow land
40.00	Deposit charred stake 12 ins, in ground for 1/4 Sec. Cor. dug pits 18×18×12 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 S. on W. face
45.62	Wire fence runs E and W, leave meadow
48.00	Sod house, James Haneys, 5 chs East.
50.95	Trail, runs E. and W.
57.00	Ascend N. slope gradually.
71.00	Top of ascent—thence over foot hills.
80.00	Deposit charred stake 12 ins in ground for Cor. of Sec 9-10-15 and 16, dug pits 18×18×12 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. 21 N., S. 10 on N.E. R. 37 W., S. 15 on S.E. S. 16 on S.W. and S. 9 on N.W. face, with 4 notches on S. and 3 notches on E. edges. Land, level and broken Soil sandy 1st and 4th rate.

Subdivisions of T. 21 N., R. 37 W. Continued

Chains	
	S. 89° 53' E. on a random line bet. Secs. 10 and 15
40.00	Set temp. 1/4 Sec. Cor.
79.92	Intersect N. and S. line 23 lks. N. of the Cor. of Sec 10, 11, 14 and 15.
	Thence I run
	N. 89° 43' W. on a true line bet. Secs. 10 and 15.
	Descend gently over ridges and low hills.
32.80	Trail run N. W. and S. thence ascend gently along N.E. face.
39.96	Deposit charred stake 12ins in ground for 1/4 Sec Cor. dug pits 18x18x12ins 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 2ft. long, 2ins. sq. 12ins in the ground. Marked.
	1/4 S. on N. face.
46.00	Top of ascent, on N. face low hills.
70.00	Descend along N.W. face.
77.92	The Cor. of Sec. 9-10-15 and 16.
	Land, broken —
	Soil, sandy, 4th rate.

Chains	
	S. 0° 3' E, bet Secs. 15 and 16.
	Ascend N slope hills.
7.00	Top of ascent, on low range of hills
18.00	Descend S. face —
23.00	Descend abruptly.
36.00	Bottom of descent, over rolling grounds.
40.00	Deposit charred stake 12ins in ground for 1/4 Sec. Cor. dug pits 18x18x12ins 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, 2ft. long, 2ins. sq. 12ins in ground, Marked
	1/4 S. on W. face.
55.10	Trail. Course N.E. and S.W. ascend S.W. slope. gradually.
76.00	Top of ascent, thence along W slope hills.
80.00	Set an Oak Post 3 ft. long, 4ins. sq., with a charred

Subdivisions of T. 21 N. R. 37 W. Continued

Chains	
	Stake 24ins in ground for Cor of Secs 15, 16, 21 and 22 Marked
	T. 21 N., S. 15 on N.E.
	R. 37 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 18x18x12ins in each Sec. 5½ ft dist. and raised a mound of earth 4 ft base 2ft. high, W. of Cor.
	Land, rolling and broken.
	Soil, sandy, 4th rate.

Chains	
	S. 89° 43' E. on a random line bet. Secs 15 and 22
40.00	Set temp. 1/4 Sec. Cor.
80.20	Intersect N. and S. line 5 lks. S of the Cor. of Secs 14. 15. 22 and 23.
	Thence I run
	N. 89° 45' W, on a true line bet Secs 15 and 22.
	Ascend
2.00	Ridge, descend over broken ridges and ravines
10.00	Ascend - over broken ground.
40.10	Deposit charred stake 12ins. in ground for 1/4 Sec. Cor. dug pits 18x18x12ins 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 2ins sq. 12ins in ground. marked
	1/4 S. on N. face.
57.00	Top of ascent on E. edge, sand blowout, descend abruptly.
64.00	Bottom
68.00	Descend W. slope gradually.
80.20	The Cor of Sec. 15. 16, 21 and 22.
	Land, broken —
	Soil, sandy 4th rate. Jan. 11. 1900

Chains	
	S. 0° 3' E. bet. Secs. 21 and 22.
	Along W. slope of hills.

Subdivisions of T. 21 N., R. 37 W., Continued

Chains	
4.00	Descend gradually
15.00	Bottom descent, thence over low hills.
20.00	Ascend in narrow ravine.
35.00	Top of ascent on low hills
35.25	Wire fence runs E. and W.
40.00	Deposit charred stake 12ins in ground for 1/4 Sec. Cor. dug pits 18×18×12ins 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. 2ins. sq. 12ins in ground, marked 1/4 S. on W. face.
46.50	Top of range of hills. E. and W.
54.00	Descend S. face.
65.00	Descend S. slope abruptly.
68.00	Bottom of ascent.
73.85	Wire fence, runs E. and W. enter meadow-
80.00	Deposit charred stake 12ins in ground for Cor of Sec. 21, 22, 27, and 28, dug pits 18×18×12ins. 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 2ins sq. 12ins in ground marked S. 21 N., S. 22. on N.E. R. 37 W., S. 27 on S.E. S. 28 on S.W. and S. 21 on N.W. face, with 2 notches on S. and 3 notches on E. edges. Land, level and broken. Soil, sandy, 2nd and 4th rate. Jan. 12, 1900

S. 89° 45' E., on a random line bet. Secs 22 and 27

40.00 Set temp. 1/4 Sec. Cor.

80.10 Intersect N. and S. line 21 lks. N. of the corner of Secs. 22, 23, 26 and 27.

Thence I run

N. 89° 44' W. on a true line bet Secs 22 and 27 over low rolling hills descending gently

5.00 Bottom of descent, thence ascend gently over rolling ground.

Subdivision of T. 21 N. R. 37 W., Continued

Chains	
40.05	Deposit charred stake 12ins in ground for 1/4 Sec. Cor. dug pits 18×18×12ins 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 2ins. sq. 12ins in ground marked 1/4 S. on N. face.
45.00	Top of gentle ascent, thence over rolling ground
69.35	Wire fence runs N. and S. Enter meadow land.
80.10	The Cor. of Sec. 21. 22. 27 and 28. Land level and rolling. Soil sandy, 1st and 3rd rate.

S. 0° 3' E. bet Secs. 27 and 28.
Over level meadow land.

12.90 Wire fence runs E and W. Enter rolling ground.

36.15 Trail, Course N.W. and S.E.

40.00 Deposit charred stake 12ins in ground for 1/4 Sec. Cor. dug pits 18×18×12ins 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 2ins sq. 12ins in ground. marked 1/4 S on W. face.

44.50 Ascend over low foot hills.

73.50 Ridge E. and W.—

80.00 Set an Oak Post 3 ft. long 4ins sq. with charred stake 24ins in ground for Cor. of Secs. 27. 28. 33 and 34. marked T. 21. N. S. 27 on N.E. R. 37 W., W.S. 34 on S.E. S. 33 on S.W. and S. 28 on N.W. face. with 1 notch on S. and 3 notches on E. edge Land, level and rolling. Soil, sandy 1st and 3rd. rate.

S. 89° 44' E. on a random line bet Secs 27 and 34.

Subdivision of T. 21. N., R. 37 W., Continued.

Chains	
40.00	Set temp. 1/4 Sec. Cor.
80.24	Intersect N and S line 14 lks. E. of the Cor. of Secs. 26, 27, 34 and 35.
	Thence I run
	N. 89°50' W on a true line bet. Secs. 27 and 34.
	Ascend S.E. face hills.
6.50	Top of ascent, thence descend W. slope.
16.00	Bottom of descent thence over fort hills, descending gently.
40.12	Deposit charred stake 12ins in ground for 1/4 Sec. Cor. dug pits 18x18x12ins 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 2ins sq. 12ins in ground, marked
	1/4 S. on N. face.
41.00	Enter rolling land.
54.90	Trail, runs N.W. and S.E.
58.00	Ascend E. slope low hills.
70.00	Top of ascent 40 ft. thence over low hills.
80.24	The Cor. of Secs. 27, 28, 33 and 34.
	Land, rolling and broken.
	Soil, sandy, 4th rate.

	S. 0°3' E. on a random line bet. Secs. 33 & 34.
40.00	Set temp. 1/4 Sec. Cor.
80.00	Intersect 5th Standard Parallel 13 lks. E. of the Standard Cor. of Secs. 33 and 34.
	Thence I run.
	N. 0°3' E. on a true line bet. Secs. 33 & 34.
	Descend gradually along N. slope.
23.00	Bottom of descent in rolling Valley.
40.00	Deposit charred stake 12ins in ground for 1/4 Sec. Cor. dug pits 18x18x12ins 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 2ins sq. 12ins in ground marked
	1/4 S. on W. face.

Subdivision of T. 21. N., R. 37 W., Continued.

Chains	
57.00	Ascend low hills.
77.50	Top of ascent 50 ft. on E. face ridge, descend
80.00	The Cor. of Secs. 27, 28, 33 and 34.
	Land, rolling and broken.
	Soil, sandy, 3rd and 4th rate.
	Jan. 13. 1900.

	From the Cor. of Secs. 4, 5, 32 and 33 on N. bdry. of Tp. I run
	S. 0°4' E. bet. Secs. 4 and 5.
	Ascend along N.E. slope hills.
4.50	Top of ascent 40 ft. above Cor. thence over broken ground.
6.00	Descend S. slope.
23.00	Bottom of descent, thence over rolling hills.
32.95	Trail, runs E. and W.
40.00	Deposit charred stake 12ins in ground for 1/4 Sec. Cor. dug pits 18x18x12ins 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 2ins sq. 12ins in ground, marked
	1/4 S. on W. face.
61.00	Enter level land.
75.40	Trail, runs N.W. and S.E. ascend gently
80.00	Deposit charred stake 12ins in ground for Cor. of Secs. 4, 5, 8 and 9, dug pits 18x18x12ins. in each Sec. 4 ft. dist. and raised a mound of earth 1 ft. base 2 ft. high, over deposit
	In S.E. pit, drove an Oak Stake 2 ft. long 2ins sq. 12ins in ground, marked
	T. 21 N., S. 4 on N.E.
	R. 37 W., S. 9 on S.E.
	S. 8 on S.W. and
	S. 5 on N.W. faces with 5 notches on S. and 4 notches on East edges.
	Land, rolling and broken.
	Soil, sandy, 3rd and 4th rate.

Subdivision of T. 21 N., R. 37 W., Continued

Chains	
	East on a random line bet. Secs. 4 and 9
40.00	Set temp. 1/4 Sec. Cor.
80.06	Intersect N. and S. line at the Cor. of Secs 3, 4, 9 and 10.
	Thence I run
	West on a true line bet. Secs. 4 and 9.
	Ascend along Tp. high hills.
19.00	Top of ascent, thence along E. face descend W. slope
22.30	Wire fence, runs N. and S.W.
40.03	Deposit charred stake 12 ins in ground for 1/4 sec Cor. dug pits 18×18×12 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 ground, marked 1/4 S. on N. face
55.20	Trail, runs N. and S.
57.00	Enter rolling Valley land.
69.00	Trail runs N.W. and S.E. ascend gently.
80.06	The Cor. of Secs 4, 5, 8 and 9.
	Land, rolling and broken.
	Soil, sandy, 3rd and 4th rate.

	S. 0° 4' E. bet. Secs. 8 and 9.
	Ascend N.E. slope.
13.00	Top of ascent 50 ft. on E. face hills
18.40	Wire fence runs E. and W. descend S. slope
37.00	Enter rolling Valley
40.00	Deposit charred stake 12 ins in ground for 1/4 Sec. Cor. dug pits 18×18×12 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 S. on W. face.
41.00	Wire fence, runs W. from pt. 5 ft. W.
42.90	Wire fence, runs S. 100 E.
52.12	Wire fence runs E. and W.
53.15	Trail. E. and W. ascend gently.

Subdivision of T. 21 N., R. 37 W., Continued

Chains	
65.00	Top of ascent 50 ft, thence over table land
79.60	Trail, runs N.W. and S.E.
80.00	Deposit charred stake 12 ins. in the ground for Cor. of Secs. 8, 9, 16 and 17, dug pits 18×18×12 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. 21 N., S. 9 on N.E.
	R. 37 W., S 16 on S.E.
	S. 17 on S.W. and
	S. 8 on N.W. face with 4 notches on S. and E. Edges.
	Land, level and rolling
	Soil, sandy - 3rd and 4th rate.

not cor. platted

	East on a random line bet. Secs. 9 and 16.
40.00	Set temp. 1/4 Sec. Cor.
80.00	Intersect N. and S. line 26 lks. S of the Cor of Sec. 9, 10, 15 and 16.
	Thence I run
	S. 89° 49' W. on a true line bet Secs. 9 and 16.
	Ascend along N.W. face hills.
22.50	Top of ascent 50 ft. above Cor., thence along N. face.
35.50	Descend gently over rolling hills.
40.00	Deposit charred stake 12 ins in ground for 1/4 Sec. Cor. dug pits 18×18×12 ins E. and W. of Cor. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ 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.
59.50	Trail, runs N.E. and S.W. at bottom of descent, thence over low hills.
79.00	Trail N.W. and S.E.
80.00	The Cor. of Secs. 8, 9, 16 and 17.
	Land, broken
	Soil, sandy, 4th rate

not cor. platted

Subdivision of T. 21 N., R. 37 W., Continued

Chains	
	S. 0° 4' E. bet. Secs. 16 and 17.
	Ascend N. face low range of hills
13.00	Top of ascent 80 ft. above valley, 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 an Oak stake 2 ft. long 2 ins sq. 12 ins in ground marked 1/4 S on W. face.
48.00	Descend.
68.00	Bottom of descent — over rolling valley.
79.90	Trail runs E. and W.
80.00	Deposit charred stake 12 ins in ground for Cor of Secs. 16. 17. 20 and 21 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 SE. pit drove an Oak stake 2 ft. long 2 ins. sq. 12 ins in ground, marked T. 21 N., S. 16 on NE. R. 37 W., S. 21 on SE. S. 20 on SW. and S. 17 on NW. face, with 3 notches on S and 4 notches on E. edge. Land, rolling and broken. Soil, sandy, 4th rate.

	N. 89° 19' E. on a random line bet. Secs 16 and 21
40.00	Set temp. 1/4 Sec. Cor.
80.20	Intersect N. and S. line 18 lks. S. of the Cor of Sec. 15. 16. 21 and 22. Thence S. run. S. 89° 41' W. on a true line between Secs 16 and 21 Descend W. slope.
6.00	Bottom of descent in narrow valley.
11.70	Trail, runs NE. and SW.
16.00	Ascend along SE slope.
21.00	Top of ascent, on S. face hills —
30.00	Descend SW. slope.

Subdivision of T. 21 N., R. 37 W., Continued.

Chains	
40.10	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 an Oak stake 2 ft. long, 2 ins sq. 12 ins in ground marked 1/4 S. on N. face.
45.50	Bottom of descent, at trail runs NW. and SE.
51.00	Ascend gently NE. slope.
78.00	Trail runs N. 80° W.
80.20	The Cor. of Secs. 16. 17. 20 and 21. Land, rolling and broken. Soil, sandy 4th rate — Jan 12, 1900

	S. 0° 4' E. bet. Secs 20 and 21. Ascend gradually.
24.00	Top of ascent, 100 ft. above Cor. thence along E. face bluffs, ascending gently.
37.00	Top of high range of hills on E. face bluffs
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 high, over deposit. S. pit drove an Oak stake 2 ft. long 2 ins. sq. 12 ins in ground, marked 1/4 S. on W. face.
48.00	Descend very abruptly.
59.00	Bottom of descent in neck of valley,
62.00	Ascend —
76.50	Top of ascent on low hills.
80.00	Deposit charred stake 12 ins in ground for Cor of Secs. 20. 21. 28 and 29 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 SE pit drove an Oak stake 2 ft. long 2 ins sq. 12 ins in ground, marked T. 21 N. S. 21 on NE.

Chains

R. 37 W., S. 28 on SE.
S. 29 on SW. and
S. 20 on NW. face with 2 notches on S. and 4 notches on E. edge.
Land, broken
Soil sandy 4th rate.

N. 89° 41' E. on a random line bet. Secs. 21 and 28.
40.00 Set temp. 1/4 Sec. Cor.
80.14 Intersect N. and S. line 6 lks. N. of the Cor. of Secs. 21, 22, 27 and 28.
Thence I run
S. 89° 44' W., on a true line bet. Secs. 21 and 28.
Over level meadow land.
13.63 Wire fence runs N. and S. thence over rolling ground
19.00 Ascend low hills
37.28 Wire fence runs N. and S.
39.00 Top of ascent on N. face low hills. descend gently
40.07 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 an Oak stake 2 ft. long 2 ins sq. 12 ins in ground marked
1/4 S. on N. face
60.00 Bottom of descent.
65.00 Ascend abruptly N.E. slope low hills
72.50 Top of ridge thence over rolling ground.
80.14 The Cor. of Secs. 20, 21, 28 and 29.
Land, level and rolling.
Soil sandy. 2nd and 4th rate
Jan. 13. 1900

S. 0° 4' E. bet. Secs. 28 and 29.
Over low hills.
9.00 Descend gradually over broken ground
27.00 Bottom of descent, in depression, ascend slightly

Chains

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 an Oak stake 2 ft. long. 2 ins. sq. 12 ins in ground, marked
1/4 S. on W. face
Along NW. slope low hills, ascending gently
77.00 Top of ascent 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 deposits.
In SE. pit drove an Oak stake 2 ft. long. 2 ins sq. 12 ins. in ground, marked
T. 21 N., S. 28 on NE.
R. 37 W., S. 33 on SE.
S. 32 on SW. and
S. 29 on NW. face, with 1 notch on S. and 4 notches on E. edges.
Land, broken.
Soil, sandy, 4th rate.

N. 89° 44' E. on a random line bet. Secs 28 and 33.
40.00 Set temp. 1/4 Sec. Cor.
80.20 Intersect N. and S. line 13 lks. N. of the Cor. of Secs 27, 28, 33 and 34.
Thence I run
S. 89° 50' W., on a true line bet. Secs 28 and 33.
Over low ridges and broken ground along N. face low hills.
19.50 Descend gently
35.30 Wire fence, runs N.E. and S.W. thence over low hills.
40.10 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 an Oak stake 2 ft. long, 2 ins. sq.

Subdivision of T. 21 N., R. 37 W., Continued

Chains	
	12ins in ground, marked.
	1/4 S. on N. face.
	Ascend N.E. slope low hills.
60.00	Ridge. N. and S. thence over ridges.
74.00	Descend gently.
80.20	The Cor. of Secs. 28. 29. 32 and 33
	Land. Broken - Soil sandy 4th rate.

S. 0° 4' E. on a random line bet. Secs. 32 and 33.

Chains	
40.00	Set temp. 1/4 Sec. Cor.
79.40	Intersect 5th Standard Parallel 6 lks W. of the Standard Cor. of Secs. 32 and 33.
	Thence I run
	N. 0° 7' W. on a true line bet. Secs. 32 and 33.
	Descend gradually N. slope hills.
13.70	Trail, course N.W. and S.E.
15.50	Enter rolling valley land, bearing E. and W.
34.35	Wire fence, runs N. 10° W.,
37.00	Ascend S. slope hill.
39.40	Deposit charred stake 12ins in ground for 1/4 Sec. Cor. dug pits 18x18x12ins 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 2ins sq. 12ins in ground, marked
	1/4 S. on W. face.
42.68	Wire fence, runs E. from pt. 50 lks W.
60.00	Top of ascent 60 ft. above valley thence over broken ground.
66.50	Descend gently.
79.40	The Cor. of Secs. 28. 29. 32 and 33.
	Land, rolling and broken.
	Soil, sand 3rd and 4th rate.

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From the Cor. of Sec. 5. 6. 31 and 32 on the N. bdry. of Tp. I run
S. 0° 5' E. bet. Secs. 5 and 6.
Over rolling ground on top of high hills.

Subdivision of T. 21 N., R. 37 W. Continued

Chains	
4.50	Descend S. slope hills
23.50	Bottom of descent at trail running E. and W.
28.50	Enter wet land
40.00	Deposit charred stake 12ins in ground for 1/4 Sec. Cor. dug pits 18x18x12ins 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 2ins sq. 12ins in ground, marked.
	1/4 S. on W. face.
46.00	Leave wet land.
58.00	Trail, runs E. and W. ascend N. slope gradually
80.00	Deposit charred stake 12ins in ground for Cor. of Secs. 5. 6. 7 and 8., dug pits 18x18x12ins 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 2in. sq. 12ins in ground, marked
	T. 21 N., S. 5 on N.E.
	R. 37 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, level and broken.
	Soil, sandy 1st and 4th rate.

East on a random line bet. Secs. 5 and 8

Chains	
40.00	Set temp 1/4 Sec. Cor.
80.00	Intersect N. and S. line 20 lks. N. of the Cor. of Secs. 4. 5. 8 and 9;
	Thence I run
	N. 89° 51' W. on a true line bet. Secs. 5 and 8
	Ascend N.E. slope hills.
16.75	Top of ascent 50 ft. thence along N. face hills
40.00	Deposit charred stake 12ins. in ground for 1/4 Sec. Cor. dug pits 18x18x12ins 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 2ins sq. 12ins in ground, marked
	1/4 S. on N. face.

Subdivision of T.21 N., R. 37 W., Continued.

Chains

45.25 N. face ridge, thence over ridge.
78.00 Ascend N.E. slope.
80.00 The Cor. of Secs. 5.6.7 and 8.
Land, broken.
Soil, sandy 4th rate.

West on a random line bet. Secs. 6 & 7.
40.00 Set temp. 1/4 Sec. Cor.
82.04 Intersect W. bdry of Tp. — 57 lks S. of the Cor. of Secs. 1.6.7 and 12, as established by Mr. N. S. Dixon — To test the accuracy of my work - I make a survey of the line as recorded on page 4 of these notes.
82.04 Intersect W. bdry. of Tp. 37 lks. S. of the Cor. of Secs 6 and 7.
Thence I run
S. 89° 44' E. on a true line bet. Secs. 6 and 7.
Over broken ground.
4.30 Trail runs N. and S. ascend W. slope hills
7.36 Wire fence runs N. and S.
25.00 Top of ascent on top ranges over broken ground.
42.04 Deposit charred stake 12ins in ground for 1/4 Sec. Cor. dug pits 18x18x12ins 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 2ins sq. 12ins in ground, marked
1/4 S. on N. face.
62.00 High ridge on E. edge Sand blowout, descend N.E. face hills.
82.04 The Cor. of Secs. 5.6.7 and 8.
Land, broken
Soil sandy 4th rate.
Jan 15. 1900

S. 0° 5' E bet. Secs. 7 and 8.
Ascend N. slope hills
10.00 Top of ascent, on high range of hills, bearing E. & W.

Subdivision of T.21 N., R. 37 W., Continued.

Chains

14.35 Wire fence, runs E. and W.
22.50 Sand bluff, descend abruptly.
36.00 Enter rolling valley land.
40.00 Deposit charred stake 12ins in ground for 1/4 Sec. Cor. dug pits 18x18x12ins 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 2ins sq. 12ins in ground marked
1/4 S. on W. face.
40.22 Wire fence runs E. and N. from pit. 75 lks W.
Enter meadow land
45.08 Runs S.E. from pit. 1 ch. W. ascend gently.
60.00 Ascend N.E. slope low hills.
75.00 Top of ascent, thence over broken ground.
80.00 Deposit charred stake 12ins in ground for Cor. of Secs. 7.8.17 and 18. dug pits 18x18x12ins 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 2ins sq. 12ins in ground, marked
T. 21 N., S. 8 on N.E.
R. 37 W., S. 17 on S.E.
S. 18 on S.W. and
S. 7 on N.W. face with 5 notches on E. and 4 notches on S. edges.
Land, rolling and broken.
Soil, sandy 2nd and 4th. rate.

S. 89° 51' E on a random line bet. Secs 8 and 17
40.00 Set temp. 1/4 Sec. Cor.
79.88 Intersect N. and S. line 23 lks. N. of the Cor. of Secs. 8.9.16 and 17.
Thence I run
N. 89° 41' W. on a true line bet. Secs 8 and 17.
Over broken ground and low range of hills.
39.94 Deposit charred stake 12ins in ground for 1/4 Sec Cor. dug pits 18x18x12ins E. and W. of Cor. 4 ft. dist. and raised a mound

Chains	
	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 1/4 S. on N. face.
76.80	Low sand ridge or bluff
79.88	The Cor of Secs. 7, 8, 17 and 18. Land, broken Soil, sandy 4th rate.

N. 89° 44' W., on a random line bet Secs. 7 and 18.

40.00	Set temp. 1/4 Sec. Cor.
82.30	Intersect W. bdy. of Tp. 5 lks N of the Cor of Secs 7 and 18. Thence I run S 89° 46' E. on a true line bet. Secs. 7 and 18. Over rolling ground.
12.30	Ascend W slope hills.
34.00	Top of ascent 80 ft. thence over broken ground
42.30	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 ground, marked 1/4 S. on N. face. Ascend over broken ground.
115.00	N. face ridge — descend E. face hills.
82.30	The Cor. of Secs. 7, 8, 17 and 18. Land, rolling and broken. Soil, sandy. 4th rate.

S 0° 5' E. bet. Secs. 17 and 18.

	Over low hills.
2.00	Descend S. slope.
20.00	Enter narrow valley land.
24.60	Ascend NW. slope gradually.
39.00	Top of ascent 50 ft. thence along W slope hills.
40.00	Deposit charred stake 12 ins in ground for

Chains	
	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 S. on W. face.
56.50	Descend gradually
72.00	Bottom of descent, thence over rolling ground.
76.50	Trail runs E and W.
80.00	Set an Oak Post 3 ft. long 4 ins. sq. with a charred stake 3 ins in ground for Cor. Secs 17. 18. 19 and 20. marked. T. 21 N. S. 17 on N.E. R. 37 W., S. 20 on S.E. S. 19 on S.W. and S. 18 on N.W. face with 3 notches on S. and 4 notches on 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. 4th rate.

S. 89° 41' E. on a random line bet Secs. 17 and 20.

40.00	Set temp. 1/4 Sec. Cor.
79.70	Intersect N. and S. line 7 lks. S. of the Cor. of Secs 16. 17. 20 and 21. Thence I run N. 89° 44' W., on a true line bet. Secs 17 and 20. Ascend gently, over rolling ground.
39.85	Deposit charred stake 12 ins in ground 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 ground, marked 1/4 S on N. face.
46.00	Top of ascent, thence descend gently.
79.70	The Cor. of Secs. 17. 18. 19 and 20. Land, rolling. Soil, sandy 3rd rate

Subdivision of T. 21 N., R. 37 W., Continued

Chains

N. 89°46' W. on a random line bet. Secs. 18 and 19.

40.00 Set temp. 1/4 Sec. Cor.

82.30 Intersect W. bdry. of Tp. 15 lks. N. of the Cor. of Secs. 18 and 19.

Thence I run.

S. 89°52' E. on a true line bet. Secs. 18 and 19

Over rolling valley land

2.90 Garden fence runs N. 20° W.

6.07 Meadow fence runs N. & S. enter meadow land

38.00 Wire fence runs N. 65° W. to and gently over rolling ground.

42.30 Deposit charred stake 12 ins in 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 an Oak stake 2 ft. long 2 ins sq. 12 ins. in ground. marked. 1/4 S. on N. face.

69.80 Enter old plowing N and S.

79.70 Leave old plowing N. and S.

82.30 The Cor of Secs. 17. 18. 19 and 20 -

Land, level and rolling

Soil, sandy 2nd. and 3rd rate.

S. 0°5' E. bet. Secs. 19 and 20.

Ascend N. slope gradually.

26.00 Top of high range of hills - 150 ft. above valley

Over broken ground.

38.50 W. face sand bluffs. -

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 an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked 1/4 S. on W. face.

47.50 Descend over broken ground

65.00 Bottom descent at trail runs N.W. and S.E. thence over low hills.

Look for bearing on 1/4 Cor. in 1 chain

Look out in place

Subdivision of T. 21 N., R. 37 W., Continued

Chains

80.00 Deposit charred stake 12 ins in ground for 1/4 Sec Cor. 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. 21 N., S. 20 on N.E. R. 37 W., S. 29 on S.E. S. 30 on S.W. and S. 19 on N.W. face with 2 notches on S. and 5 notches on E edges -

Land. rolling and broken.

Soil, sandy. 3rd and 4th rate.

Jan. 16. 1900

S. 89°44' E. on a random line bet. Secs. 20 and 29

40.00 Set temp. 1/4 Sec. Cor.

79.76 Intersect N and S line 4 lks. N. of the Cor. of Secs. 20. 21. 28 and 29.

Thence I run.

N. 89°42' W. on a true line bet. Secs. 20 and 29.

Over rolling ground on top hills -

3.50 Descend over broken ground.

39.88 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 an Oak stake 2 ft. long 2 ins. sq. 12 ins in ground, marked 1/4 S. on N. face.

40.00 Bottom of descent, over rolling ground

67.00 Trail, runs N.W. and S.E.

71.00 Ascend low hills.

79.76 The Cor. of Secs. 19. 20. 29 and 30.

Land, rolling and broken.

Soil, sandy, 4th rate.

N. 89°52' W, on a random line bet. Secs 19 and 30

Subdivision of T. 21 N., R. 37 W. Continued

Chains

40.00 Set temp. 1/4 Sec. Cor.

82.46 Intersect W. bdry. of Tp. at the Cor. of Secs. 19 & 30.

Thence S. run.

S. 89° 52' E. on a true line bet. Secs. 19 & 30.

Ascend gently along S. face low hills.

20.00 Top of ascent 40 ft., descend along S.E. slope

38.00 Bottom descent in N. Edge narrow Valley.

42.46 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 an Oak stake 2 ft. long 2 ins. sq. 12 ins in ground. marked 1/4 S. on N. face.

Ascend gently along S. slope low hills.

53.00 Top of ascent on S. face low ridge.

65.00 Bottom descent in N. edge ravine – E and W.

78.00 Enter low hills

82.46 The Cor. of Secs. 19, 20, 29 and 30.

Land, rolling and broken.

Soil, sandy 4th rate.

S. 0° 5' E. bet. Secs. 29 and 30.

Over low hills.

2.00 Enter rolling ground.

12.00 Ascend N.W. slope low hills.

31.50 Top of ascent 50 ft. on W. face low hills – descend

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.

47.00 Bottom of descent, in rolling Valley E and W.

55.00 Ascend S. slope gradually.

70.00 Low ridge, thence along N. face hills.

80.00 Deposit Charred stake 12 ins in 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.

Subdivision of T. 21 N., R. 37 W. Continued

Chains

In S.E. pit. drove an Oak stake 2 ft. long 2 ins sq. 12 ins in ground, marked

T. 21 N., S. 29. on N.E.

R. 37 W., S. 32 on S.E.

S. 31 on S.W. and

S. 30 on N.W. faces, with hatch on S and 5 notches on E. edges.

Land, rolling and broken.

Soil, sandy 4th rate.

Jan. 7. 1900.

S. 89° 42' E. on a random line bet. Secs. 19 & 32.

40.00 Set temp. 1/4 Sec. Cor.

79.74 Intersect N and S. line at the Cor of Secs. 28, 29, 32 and 33.

Thence E. run.

N. 89° 42' W. on a true line bet. Secs. 29 & 32

Over low hills

22.00 Descend over rolling ground.

37.40 Trail runs N.W. and S.E. at bottom descent thence ascend along N.E. slope.

39.87 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 an Oak stake 2 ft. long 2 ins sq. 12 ins in ground, marked 1/4 S. on N. face.

Ascend abrupt N.E. slope –

50.00 Top of ascent on N. face high hills descend gently.

79.74 The Cor. of Secs. 29, 30, 31 and 32.

Land broken

Soil, sandy, 4th rate.

N. 89° 52' W. on a random line bet. Secs. 30 & 31

40.00 Set. temp. 1/4 Sec Cor.

82.58 Intersect W. bdry. of Tp. 5 lks. S. of the Cor. of Sec.

Subdivision of T. 21 N., R. 37 W., Concluded.

Chains	
	30 and 31 —
	Thence I run
	S. 89° 50' E., on a true line bet. Secs. 30 and 31.
	Over rolling ground.
12.00	Ascend gently along N. slope low hills
42.58	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 an Oak stake 2 ft. long, 2 ins. sq. 12 ins in ground, marked 1/4 S. on N. face.
62.00	Top of ascent on N. face low hills —
82.58	The Cor of Secs. 29. 30. 31 and 32.
	Land, rolling
	Soil, sandy. 3rd and 4th rate.

	S. 0° 5' E. on a random line bet. Secs. 31 and 32.
40.00	Set temp. 1/4 Sec. Cor.
79.88	Intersect 5th Standard Parallel 1 lks. E of the Standard Cor. of Secs. 31 and 32. Thence I run North on a true line bet. Secs. 31 and 32.
	Descend gradually N. slope.
32.00	Enter rolling valley land. E and W.
37.00	Ascend S. slope.
39.88	Deposit charred stake 1 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. in ground, marked 1/4 S. on W. face.
56.40	Top of ascent 75 ft, over broken ground.
66.00	Descend N. slope hills.
79.88	The Cor. of Secs. 29. 30. 31. and 32 —
	Land - Rolling and broken.
	Soil, Sandy, 3rd and 4th rate.

Jan. 18. 1900

Re-Survey of W. bdry of Township 21 N., R. 37 W.

Chains	
	From the N.W. Cor. of Twp., I run —
	South bet. Secs. 1 and 6.
	Ascend N. slope
14.98	Wire fence runs E. and W.
19.00	Top of ascent on high range of hills running E and W., thence over broken ground.
33.75	Descend abrupt. S. slope.
39.88	Old 1/4 Sec. Cor. properly marked and witnessed
46.00	Bottom of descent, Enter rolling ground.
46.50	Trail runs E. and W.
53.00	Ascend gradual N slope.
65.50	Top of ascent, thence over low hills
79.80	The old Cor. of Secs 1. 6. 7 and 12 properly marked and witnessed — I remark the stake in S.E. pit for Cor. of Secs. 1 and 12 — thus: — T. 21 N., S. 12 on S.W. and R. 38 W., S. 1 on NW faces with 5 notches on S. and 1 notch on N. edge
80.00	Deposit broken brick very 12 ins in ground for Cor. of Secs 6 and 7. 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.E. pit, drove an Oak stake 2 ft. long, 2 in. sq. 2 ins in ground, marked T. 21 N., S. 6 on N.E. R. 37 W, S. 7 on SE face with 6 notches on S and 1 notch on N. edges
	Land, rolling and broken
	Soil, sandy, 3rd and 4th rate.

	South on W. of Sec. 7.
	Ascend N.E. face low hills.
7.00	Top of ascent, thence over broken ground.
11.60	Descend.
14.00	Wire fence runs E. and W.
18.00	Bottom of descent, thence over low hills.
27.00	Trail runs E and W.
39.75	Old 1/4 Sec. Cor. properly marked and witnessed.
65.00	Ascend gently over rolling ground.
79.80	The Old Cor. of Secs 7. 12. 13. and 18 — properly

Re-Survey of W. bdry. of Township 21 N., R. 37 W. Continued

Chains	
	marked and witnessed - the Oak Post 12ins above ground and 4ins sq. - I remark for the Cor of Secs. 12 and 13, thus:- T. 21 N., S. 13 on SW and R. 38 W., S. 12 on NW. faces with 4 notches and 2 notches on N edges:-
80.00	Deposit charred stake 12ins in ground for Cor. of Secs 7 and 18. dug pits 24x24x12ins in each Sec. 4 ft. dist. and raised a mound of earth 4 ft. base, 2 ft high over deposit. In SE. pit, drove an Oak stake 2 ft. long 2ins. sq 12ins in ground, marked T. 21 N. S. 7 on NE. and R. 37 W., S. 18 on SE. faces with 4 notches on S and 2 notches on N. edges. Land, rolling and broken. Soil, sandy 4th. rate.

South on W. bdry. Sec. 18.

3.00	Ascend gradually along N. slope.
31.00	Top of ascent, thence over broken hills.
39.54	Old 1/4 Sec. Cor. properly marked and witnessed
54.00	Descend S. face hills.
65.00	Descend S. slope abruptly.
71.00	Bottom of descent, over rolling ground.
72.50	Wire fence runs N. 80° W.
74.33	Cor. of Secs 13, 18, 19 and 24. properly witnessed In SE. pit drove an Oak stake 2 ft. long 2ins. sq. 12ins in ground, marked for Cor. of Sec. 13 thus:- T. 21 N., S. 24 on SW. and R. 38 W., S. 13 on NW. face with 3 notches on N and S. edges
80.00	Deposit charred stake 12ins in ground for Cor. of Sec. 18 and 19. dug pits 24x24x12ins. in each Sec. 4 ft. dist. and raised a mound of earth 4 ft. base 2 ft. high, over deposit. In SE. pit drove an Oak stake 2 ft. long 2ins. sq. 12ins in ground, marked T. 21 N, S 18 on NE. and

Re Survey of W. bdry. of Township 21 N., R. 37 W. Continued.

Chains	
	R. 37. W., S. 19 on SE. face, with 3 notches on N and S. edges - Land, rolling and broken Soil, sandy 2nd. and 4th rate.

South on W. bdry. Sec. 19.

	Over rolling ground in W end of Valley
10.00	Ascend N. slope gradually.
24.00	Top of ascent, thence over broken ground on tops of low hills.
39.14	The old 1/4 Sec. Cor. properly marked and witnessed.
65.00	Descend over broken ground.
78.94	The old Cor. of Secs 19, 24, 25 and 30 - Oak Post 4ins sq. 12ins. above ground, which is properly marked and witnessed - which post I remark for the Cor. of Secs. 24 and 25, thus:- T. 21 N., S. 25 on SE. and R. 38 W., S. 24 on NW. faces. with 2 notches on S. and 4 notches on N. edges.
80.00	Deposit charred stake 12ins. in ground for Cor. of Secs. 19 and 30. dug pits 24x24x12ins. in each Sec. 4 ft. dist, and raised a mound of earth 4 ft. base 2 ft. high, over deposit In SE. pit, drove an Oak stake 2 ft. long, 2 ins. sq. 12ins in the ground, marked T. 21 N., S. 19 on NE. R. 37 W., S 30 on SE face, with 2 notches on S and 4 notches on N. edges. Land, rolling and broken. Soil, sandy 2nd and 4th rate.

South on W. bdry. of Sec. 30.

	Descend over low hills.
5.00	Bottom descent in rolling Valley land E. and W.
14.00	Ascend gradually N. slope.
38.65	The old 1/4 Sec. Cor. properly marked and witnessed.
46.00	Top of ascent, thence over rolling ground on top low hills, ascending gently.

Re-Survey of Wbdry of Township 21. N., R. 37 W. Concluded.

Chains	
59.80	Land peak - descend S. slope.
74.00	Enter rolling valley land:
78.44	The old Cor. of Secs. 25. 30. 31 and 36. properly witnessed. In S.E. pit drove an Oak stake 2 ft. long, 2 ins. sq. 12 ins in ground, marked for Cor. of Secs 25 and 36. marked, thus:- T. 21 N., S. 36 on S.W. and R. 38 W., S. 25 on N.W. faces with 1 notch on S. and 5 notches on N. edges.
80.00	Deposit charred stake 12 ins in ground for Cor. of Secs 30 and 31. 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.E. pit drove an Oak stake 2 ft long 2 ins. sq. 12 ins in the ground, marked T. 21 N., S. 30 on N.E. and R. 37 W., S. 31 on S.E. face, with 1 notch on S. and 5 notches on N. edges. Land, broken and rolling. Soil, sandy, 4th rate.

South on W. bdry of Sec 31.
Over rolling ground.

5.00	Ascend N. slope gradually.
27.00	Top of ascent thence over broken ground. on top low hills.
33.30	The 1/4 Sec. Cor. properly marked and witnessed.
60.00	Descend S. slope abruptly.
66.00	Bottom of descent, in rolling valley running E. and W. -- ascend gently.
73.20	The Standard Cor. of T. 21 N., R. 37 and 38 W.

Land, rolling and broken.
Soil, sandy, 4th rate
Jan. 15, 1900

Claim Lines of Township 21. N., Range 37. W.

Chains	(Sec. 50)
	Survey of the H.E. claim of William H. Winslow - 160 acres owned by Haney Brothers in Secs. 32 and 33. The original 1/4 Cor. bet. Secs. 32 and 33, which is a cedar post in flat mound being shown as the middle corner on N. bdry. of claim which old Cor. N. 78°38' W., 1.53 chs dist. from the 1/4 Sec. Cor. bet. Secs 32 and 33. Latitude 30 lks - Departure 1.50 chs. From the old 1/4 Cor. as above described. Run East along S. slope hills.
1.21	Descend along S. slope hills. - Wire fence runs N. and S.
12.00	Enter rolling valley land.
40.00	Deposit charred stake 12 ins in 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 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 ground, marked. H. Bro. on S.W. face. - Land, rolling and level. Soil, sandy 2nd and 3rd rate.

South along E. bdry.
Over level ground.

20.00	Deposit charred stake 12 ins in ground for S.E. Cor. of Claim dug pits 18 x 18 x 12 ins N. 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 N.E. pit, drove an Oak stake 2 ft. long 2 ins. sq. 12 ins in ground, marked H. Bro. on N.W. face. Land, level. Soil, sandy. 2nd. rate.

West along S. bdry. of claim

Claim Lines T. 21 N., R. 37 W. Continued —

Chains	
	Over rolling ground on S. side valley.
35.25	Wire fence, runs S 10° E.
44.45	Trail, course NW. and SE. Ascend gently.
60.00	Top of ascent on N. slope low hills, descend gently —
80.00	Deposit a charred stake 12ins. in ground for Sec. Cor. of claim dug pits 18×18×12ins 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 2ins. sq. 12ins. in ground, marked H Brs. on NE. face. Land, rolling Soil sandy. 2nd rate and 3rd rate.

North along W. b dry.
Descend gently over rolling ground.

18.00	Ascend gentle S. slope.
20.00	Set temp. NW. Cor. of Claim. Land, rolling Soil, sandy, 3rd rate.

From the original ¼ Cor. heretofore described
Run
West along W½ N. bdry. of claim.
Along N. face hills.

13.00	Descend.
19.40	Trail, runs N. and S.
24.00	Bottom of descent, thence along foot of hills.
40.00	Intersect W. b dry. at temp Cor. Deposit charred stake 12ins. in ground for NW. Cor. of claim. dug pits 18×18×12ins. 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 2ins. sq. 12ins in ground, marked H. Brs on SE. face. Land, rolling and broken. Soil, sandy 4th rate. Jan. 18, 1900.

Claim Lines of T. 21 N., R. 37 W. Continued.

Chains	(Sec 48)
	Survey T.C. of James Haney 160 Acres in Sec. 19-21-36 and Secs. 24-21-37-, owned by Haney Bros-, The South and E. boundary of claim being described in survey of the claims of George and Rufus Haney in T. 21 N., R. 36 W, — from the SW. Cor. E ½ of claim heretofore described — Run N. along W. b dry. E. part claim Over rolling ground.
0.30	Wire fence and trail, course of trail N. 60° W., and wire fence N. 10° E..
3.75	Enter wet ground
5.25	Wire fence, runs E. and W. Enter meadow
14.00	Enter Wet land.
20.00	Deposit charred stake 12ins in ground for W¼ Cor. W part of claim. dug pits 18×18×12ins 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 2ins. sq. 12ins in ground, marked H Brs. on SE. face. Land, level and rolling. Soil, sandy 1st and 2nd rate.

West along S. bdry. W. part claim.
Over wet meadow land.

19.00	Leave wet land, ascend gently along N. slope.
23.71	Wire fence, runs N. 70° W.,
25.90	Trail runs along fence.
38.50	Top of ascent on N. slope low hills.
40.00	Deposit charred stake 12ins in ground for SW. Cor. of claim. dug pits 18×18×12ins 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 2ins. sq. 12ins in ground, marked H. Brs. on NE. face. Land, level and rolling. Soil, sandy. 1st and 3rd rate.

Claim Lines of T. 21 N., R. 37 W., Continued.

Chains	
	North along W. bdry.
	Ascend N. slope gradually.
6.00	Trail, runs NW. and SE.
7.00	Bottom descent in Valley.
9.00	Ascend gently over low hills.
12.50	Low ridges, thence over foot hills.
20.00	Set temp. NW. Cor. of claim.
	Land, level and rolling.
	Soil, sandy, 1st and 3rd rate.

	West along N. bdry. from NE. Cor. of Claim as described in notes of Survey of Rufus Haney, Pre.
	Along N. face of hills over broken ground
20.00	Descend SW. slope.
50.00	Bottom of descent over low foot hills.
51.84	Wire fence runs N. and S.
60.00	The NW. Tim. Cor., deposit charred stake 12ins. in ground for NW. Cor. of claim, dug pits 18x18x12ins. 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 2ft. long 2ins. sq. 12ins in ground, marked.
	H. Bros. on SE. face.
	Land, broken.
	Soil, sandy, 4th rate.

(Sec. 47)

	Survey of T. C. of Benjamin Haney owned by Haney Bros., 160 Acres in Secs. 23 and 24. A point for SE. Cor. of claim — shown when I deposit charred stake 12ins. in ground for SE. Cor. of claim, dug pits 18x18x12ins 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 2ft. long, 2ins. sq 12ins in ground, marked
	H. Bros. on NW. face.
	North along E. bdry. of claim.

Claims Lines of T. 21 N., R. 37 W., Continued.

Chains	
	Over rolling ground.
0.25	Trail runs NE. and SW.
6.00	Descend gently.
13.00	Bottom of descent in valley or slough.
20.00	Ascend S. slope low hills.
28.00	Top of ascent, thence over broken grounds
30.43	Wire fence runs E. and W.
32.00	Sand bluff, low —
40.00	Deposit charred stake 12ins in ground for NE. Cor. of claim, dug pits 18x18x12ins 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 2ft. long, 2ins. sq. 12ins in ground, marked.
	H. Bros. on SW. face —
	Land, rolling and broken
	Soil, sandy, 3rd and 4th rate.
	The NE. Cor. of Claim is E. 3chs dist from the Cor. of Secs. 13, 14, 23 and 24 — hence I do not measure the N. boundary of claim.

	West along S. bdry.
	Over rolling ground.
0.25	Trail, runs SW. and NE.
2.00	Descend gently
3.00	¼ Sec. Cor. bet. Secs. 23 and 24.
20.75	Wire fence, runs S. 80° W. Enter meadow.
30.15	Wire fence runs N. and S. leave meadow, thence over rolling ground.
40.00	Deposit charred stake 12ins in ground for SW. Cor. of claim, dug pits 18x18x12ins. 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 2ft. long. 2ins sq. 12ins in ground, marked
	H. Bros on NE. face.
	Land, level and rolling.
	Soil, sandy 1st and 3rd rate.

Chains	
	North along W. bdry. of claim.
	Over rolling ground.
20.00	Ascend abrupt S. slope.
32.70	Top of ascent 80 ft., thence over broken ground
33.54	Wire fence runs E. and W.
40.00	Intersect N. bdry. of Sec. 23. at a point E. 3 chs. dist from N. 1/4 Sec. Cor. dug pits 18×18×12ins 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 2ins. sq. 12in in ground, marked. H. Bros. on S.E. face. Land, rolling and broken. Soil, sandy 3rd and 4th rate.
(Sec 38)	Survey of the T.C. claim of Aaron Wright. 160 Acres in Sec. 3. owned by James Wright. A point being designated by Mr. Wright for the S.W. Cor. of Claim, only a few feet S of the 1/4 Sec. Cor. bet. Secs 3 and 4. – the said point being so near the 1/4 Cor. that there might be a misunderstanding as to the identity of the Cor. – and Mr. Wright stating that he had no objections to a slight change in the lines, I use the 1/4 Sec. Cor. for the S.W. Cor. of claim and Run East along S. bdry.
	Along N. Slope hills.
10.00	Descend gently.
25.30	Trail runs N.W. and S.E. at bottom descent, thence over meadow land.
40.00	Deposit piece of coal 12ins in ground for S.E. Cor. W. part of claim, dug pits 18×18×12ins 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 2ins sq. 12ins in ground, marked J.W. on N.W. face. Land, level and rolling Soil, sandy. 2nd and 3rd rate.

Chains	
	South along W. bdry E. part of claim. Over level ground.
7.20	Trail, runs N.W. and S.E. ascending gully, over foot hills.
18.00	Top of ascent, thence along E. face hills.
20.00	Deposit charred stake 12ins in ground for S.W. Cor. E part claim, dug pits 18×18×12ins 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 2ins. sq. 12ins in ground, marked. J.W. on N.E. face. Land, level and rolling. Soil, sandy, 2nd and 3rd rate.
	East along S. bdry. E part of claim. Descend N.E. slope –
14.00	Bottom of descent, thence over low hills.
20.00	Deposit charred stake 12ins in ground for S.E. Cor of claim, dug pits 18×18×12ins 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 2ins. sq. 12ins in ground, marked J.W. on N.W. face. Land, rolling. Soil, sandy. 3rd rate.
	North along E. bdry of claim. Descend gently.
7.10	Trail, runs N.W. and S.E. Enter level ground.
25.00	Ascend S.W. slope.
38.00	Top of ascent on W. face hills.
40.00	Deposit charred stake 12ins in ground for N.E. Cor. of claim, dug pits 18×18×12ins 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 2ins sq. 12ins. in ground, marked J.W. on S.W. face.

Chains	
	Land, level and rolling.
	Soil, sandy. 2nd and 3rd rate.
	West along N. bdry.
	Descend W. slope hills
11.70	Trail, runs N.E. and S.W. in neck of valley.
19.00	Sod House S. 5 chs. dist.
20.00	Ascend S.E. slope.
23.00	Top of ascent 40 ft. on S. slope hills, descend.
36.50	Trail, runs N.W. and S.E. thence over rolling ground S. edge of valley
46.50	Trail, runs N.W. and S.E. ascend over foot hills.
48.50	Low ridge.
58.00	Low, ridge, descend.
60.00	Intersect W. bdry. of Sec. 3 at a point. N. 0° 3' W. 20 chs dist. from 1/4 Sec. Cor. deposit charred stake 12 ins in ground for 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 ground marked J.W. on S.E. face. Land, rolling and broken. Soil, sandy. 3rd and 4th rate. Jan. 19, 1900.

(Sec 43)

Survey of the S.E. Claim of Anderson White — 160 acres in Sec. 14 owned by George Haney. The S.W. cor. is claimed by Mr. Haney, being the S.W. Cor of the old Flowing. being shown where, I deposit charred stake 12 ins. in ground for S.W. cor of claim, dug pits 18 x 18 x 12 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 in. sq. 12 ins in ground marked. G.H. on N.E. face.

Chains	
	This Cor. bears S. 77° 16' E., 80.4 chs. dist., Latitude 1.50 chs. Departure 7.70 chs.
	From this Cor. — Trans.
	N. along W. bdry. of claim.
	Descent gently in W. edge Flowing.
5.00	N.W. Cor. of flowed field.
7.00	Trail, runs E. and W. at bottom descent.
9.00	Ascend S. slope hills.
20.00	Deposit charred stake 12 ins in ground for N.W. Cor. of S. part 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 ground. marked G.H. on S.E. face. Land, rolling and broken. Soil, sandy, 2nd and 4th rate
	East along N. bdry. of S. part of claim.
	Ascend along S. face hills
3.00	Top 20 ft. above Cor.
10.00	Descend gradually.
15.00	Descend abruptly.
20.00	Bottom of descent, Deposit charred stake 12 ins in ground for S.W. Cor. N. part of claim. dug pits 18 x 18 x 12 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 G.H. on N.E. face Land, broken. Soil, sandy, 4th rate.
	North along W. bdry. N. part of claim
	Ascend abrupt. S.E. slope.
5.00	Top of abrupt ascent, ascend S. face
13.00	Top of range — 100 ft. — thence over broken ground.

Chains	
20.00	Set temp. N.W. Cor of Claim.
	Land, broken.
	Soil, sandy. 4th rate.
	East along S. bdry. S. part of claim
	Over rolling ground sloping to N.
21.00	Edge of flooded land descend gently.
29.00	Trail along fence.
29.82	Wire fence, runs N.W. and S.E.
31.30	Wire fence, runs N. and S. Enter meadow land.
40.00	Deposit charred stake 12ins. in ground for S.E.
	Cor. Claim - dug pits 18x18x12ins 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 2ft. long 2ins sq.
	12ins in ground. Marked
	G.H. on N.W. face.
	Land, rolling and level.
	Soil, sandy 1st and 3rd rate.
	North along E. bdry. S. part of claim.
	Over level wet meadow.
20.00	Deposit charred stake 12ins in ground for N.E.
	Cor. S. part of Claim, dug pits 18x18x12ins 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 2ft. long, 2ins.
	sq. 12ins. in ground. marked
	G.H. on S.W. face.
	Land, level
	Soil, sandy. 1st rate.
	East along S. bdry. N. part of claim.
	Over level wet meadow land.
20.00	Deposit charred stake 12ins in ground for S.E.
	Cor. of N. part claim, dug pits 18x18x12ins N. and
	W. of Cor. 4 ft. dist. and raised a mound of earth

Chains	
	3½ ft. base 1½ ft. high, over deposit.
	In N. pit, drove an Oak stake 2ft. long 2ins
	sq. 12ins in ground, marked
	GH on N.W. face.
	Land, level
	Soil, sandy 1st rate.
	North along E. bdry. N. part of claim.
	Over level wet valley land.
20.00	Deposit charred stake 12ins in ground
	for N.E. Cor. of N. part of Claim. dug pits 18x18x12
	ins W. 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 2ft. long 2ins
	sq. 12ins in ground. marked
	G.H. on S.W. face.
	Land, level
	Soil sandy 1st. rate
	West along N. bdry.
	Over level meadow land.
2.58	Wire fence S 70° W.,
3.00	Trail, along fence
6.19	Wire fence N. and S., E side of Rothwell's homeyard.
6.85	N.E. Cor. of Rothwell's house bears S.O.12 chs dist.
7.95	Corral fence bears N.E. and S.W.
8.68	Corral fence bears N. and S.
9.13	Wire fence, runs N. and S.
11.00	ascend abrupt S.E. slope.
19.50	Top 150 ft. above valley, thence along S.E. face hills.
33.00	Top of hills, 200 ft. high.
40.00	The N.W. Temp. Cor. Deposit charred stake
	12ins in ground for N.W. Cor of Claim. dug pits
	18x18x12ins 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 2ft. long 2in sq.
	12ins in ground marked
	G.H. on S.E.
	Land, level and broken - Soil - Sandy 1st and 4th rate.

Chains	
	Survey of the H E Claim of Guy Drake, 160 acres in Secs 21, 22, 27 and 28, owned by Haney Brothers – The S.E. Cor. of the N. part of claim being designated by Mr. Haney I deposit charred stake 12ins in ground for said Cor. dug pits 18x18x12ins 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 2ft. long 2ins. Sq. 12ins in ground, marked. H Brs. on NW. face.
	This Cor. bears S. 78°38' E. 5.10 chs. dist from the Cor. of Secs 21, 22, 27 and 28. Latitude 1. ch. Departure 5 chs from this Cor.. I run
	North along E bdry. N. part of claim. Over level ground.
7.22	Wire fence, runs E. and W.
8.75	Trail, runs E and W. ascend S. slope.
20.00	Deposit charred stake 12ins in ground for N.E. Cor. N. part of claim. dug pits 18x18x12ins 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 2ft. long 2ins Sq. 12ins in ground, marked H. Brs on S.W. face. Land, level and broken. Soil, sandy 2nd. and 4th rate.
	West along N. bdry. Over broken ground along S. face hills.
20.00	Descend along S.W. slope.
24.80	Trail, runs NW. and S.E.
30.00	Trail, runs N and S.
40.00	Deposit charred stake 12ins in ground for N.W. Cor. N. part of claim. dug pits 18x18x12ins 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 2ft long, 2ins.

Chains	
	Sq. 12ins in ground, marked H. Bros. on S.E. Face. Land, broken. Soil, sandy, 4th rate.
	South along W. bdry. Descend gently
2.00	Bottom of descent in N edge old flowing.
10.00	Ascend gently along N. slope.
15.25	Leave flowing
20.00	Set temp. S.W. Cor. Land, rolling. Soil sandy 3rd rate
	From the S.E. Cor. of N. part of claim heretofore described I run East along N. bdry. S. part of claim. Over level ground.
6.66	Wire fence, runs N and E. thence over rolling ground.
20.00	Deposit charred stake 12ins. in ground, for N.E. Cor. S. part of claim, 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 2ft. long 2ins. Sq. 12ins in ground, marked H. Brs. on SW. face. Land, level and rolling. Soil. sandy. 2nd and 3rd rate.
	South along E. bdry. Over rolling ground, ascending gently.
18.00	Top of ascent on W face low hills.
20.00	Deposit charred stake 12ins in ground, for S.E. Cor. S. part of claim. dug pits 18x18x12 ins. W and N. of Cor. 4 ft. dist. and raised

Claims

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
H. Bros. on NW. face.
Land, rolling.
Soil, sandy. 3rd. rate.

West along S. bdry. S. part of Claim.
Descend gently.
8.00 Bottom of descent, thence over rolling ground.
32.80 Trail, runs NW. and SE.
34.00 Enter low hills.
40.00 Deposit charred stake 12 ins in ground for SW.
Cor. S. part of Claim dug pits 18 x 18 x 12 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 ground, marked
H. Bros. on NE. face.
Land, rolling.
Soil, sandy. 3rd rate.

N. along W. bdry.
Along E. face low hills descending gently.
15.00 Enter rolling ground.
17.00 Trail, runs NW. and SE.
Land, rolling.
Soil, sandy, 3rd rate.

West along S. bdry. N. part of claim.
Ascend gently along NE. slope low hills.
2.70 Trail, runs NW. and SE.
3.00 Top of ascent 20 ft. above Cor. thence along
N. slope.
20.00 The SW. Cor. P. Cor., deposit charred stake
12 ins. in ground for SW. Cor of claim

Claims

dug pits 18 x 18 x 12 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 ground, marked
H. Bros on NE. face
Land, rolling.
Soil, sandy 3rd. rate.
H. Bros. as designated as owner of the
foregoing claims is the firm name
of George and Rufus Haney as joint
owners and partners.
Jan. 20, 1900

(Sec. 44)

Survey of S.E. claim of William H. Rothwell
160 Acres in Sec. 18.
The SW. Cor. of Sec. 18, and the ¼ Cor. bet. Secs
17 and 18 - being claimed by Mr. Rothwell
as his SE. and NE. Corners - as the bearing
of the line bet. Secs 17 and 18 is S. 0° 5' E. - making
latitude 40 chs. and departure 6 lks.
Therefore the N. End of E. 80 acres of claim
should be 19.97 chs. and S. end - 20.03 chs.
West along S. boundary.
Descend gently.
2.60 Enter flowing N. and S.
12.50 Leave flowing.
20.03 Deposit charred stake 12 ins. in ground for
NE. Cor. S. part of Rothwell's Pre. claim.
dug pits 18 x 18 x 12 ins W. 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
W. H. R. on SW. face.
44.00 Enter rolling ground
53.70 Meadow fence N. 70° E.
60.03 Deposit charred stake 12 ins in ground for SW.
Cor. of S.E. and NW. Cor. of S. part of Pre.

Claims

dug pits 18×18×12ins. 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, 2ins. sq. 12ins. in ground marked
W.H.R. on NW. and NE. faces.
Land, level and rolling.
Soil, sandy 1st and 3rd rate.

N. along W. bdry. T.C. and E. bdry. Pre.
Over meadow land
15.25 Wire fence N. 70° E., leave meadow, ascend gradually.
20.00 Set temp. NW. Cor. T.C.
Land, level and rolling.
Soil, sandy, 2nd. and 4th rate.

From the ¼ Sec. Cor. on E. bdry. of Sec. 18
Drove
West along N. bdry. E. part of claim.
Descend W. slope gradually.
17.00 Bottom of descent enter rolling ground.
19.97 Deposit charred stake 12ins in ground for NW. Cor. E. part of claim, dug pits 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 3 ft. long, 2ins. sq. 12ins in ground, marked
W.H.R. on SE. face.
Land, rolling.
Soil, sandy 3rd. rate.

South along W. bdry. E part of claim.
Over rolling ground.
20.00 Deposit charred stake 12ins. in ground for NE. Cor. of W. part of claim dug pits 18×18×12 ins. N. and W. of Cor. 4 ft. dist. and raised a mound of earth 3½ ft. base, 1½ ft. high, over deposit.

Claims

In N. pit drove an Oak stake 3 ft. long, 2ins. sq. 12ins in ground, marked
W.H.R. on SW. face
Land, rolling.
Soil, sandy 3rd rate.

West along N. bdry. W part of claim.
Over level ground.
1.52 Wire fence runs N. 20° W. Enter meadow land.
31.62 Wire fence runs S. 70° W., leave meadow, ascend SE slope.
40.00 The NW. Tem. Cor., deposit a charred stake 12ins in ground for NW. Cor. T.C. and NE. Cor. W. part Pre. dug pits S. and E. 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 3 ft. long 2ins sq. 12ins in ground, marked
W.H.R. on SW. and SE. faces.
Land, level and rolling.
Soil, sandy 2nd and 4th rate.

(Sec. 45.)

Survey of Pre. Claim of William H. Rothwell 160.72 acres in Secs. 18 and 19.
From the NE. Cor. of S. part of Claim established in Survey of Tinker Claim – Drove
South along E bdry.
Ascend gently
19.50 Top of gentle ascent.
20.00 Deposit charred stake 12ins in ground for SE. Cor. Claim, dug pits 18×18×12ins 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 3 ft. long 2ins sq. 12ins in ground, marked
W.H.R. on NW. face.
Land, rolling
Soil, sandy 4th rate.

Chains	
	West along S. bdry.
	Descend along N. face low hills
32.45	Trail runs N.W. and S.E. at bottom of descent —
	Ascend gently over low hills —
43.00	Top of ascent —
60.18	Deposit charred stake 12ins in the ground for S.W. Cor. of Claim, dug pits 18x18x12ins — 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 2ft. long 2ins. Sq. 12ins. in ground marked W.H.R. on N.E. face.

As the Area of Claim is 160.72 acres — and the Excess or 72/100 should be on W. bdry. of claim — which W. bdry. is 40 chs North and South the width of this 72/100 acres will be .72 ÷ 40 = .18 chs — therefore the length of S. bdry. should be 60.18 chs and the length of N bdry from the N.W. Cor. of T.C. should be 20.18 chs.

Land, rolling and broken.

Soil, sandy. 4th rate.

Chains	
	North along W. bdry.
	Descend gradually.
5.00	Enter rolling valley land.
21.00	Trail, course N.W. and S.E.
21.80	Old garden fence runs N.W. and S.E.
23.97	Garden fence, runs S. 70° W.
25.84	West edge wind-mill tower.
33.00	Ascend abrupt S.E. slope.
40.00	Set temp. N.W. Cor. of claim.

Land, rolling and broken.

Soil, sandy wet and 4th rate.

From the N.E. Cor. of Claim Established in Survey of Rothwell's T.C. — Drum

West along N. bdry. of claim,

Ascend along S.E. slope hills.

Chains	
5.00	Top of abrupt ascent, thence along S.E. face hills over broken ground.
20.18	Intersect W. bdry Tp at temp Cor. deposit charred stake 12ins in ground for N.W. Cor. of Claim dug pits 18x18x12ins 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 2ft. long, 2ins. Sq. 12ins in the ground marked W.H.R. on S.E. face.

Land, broken

Soil, sandy 4th rate.

(Sec. 41.)

Survey of H.E. of William H. Wright, 160 Acres in Secs. 7 and 8. owned by Benjamin Haney The N.W. Cor. of claim being shown by Mr. Haney where I deposit charred stake 12ins in ground for N.W. Cor. of claim, dug pits 18x18x12ins 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 2ft. long 2ins Sq. 12ins, in ground marked B.H. on S.E. face.

This Cor. bears S. 80°, 2' W. 0.68 chs. from ¼ Sec Cor. bet. Secs 7 and 8. Latitude 11 lks. Departure 67 lks.

South along W. bdry.

Over level ground.

Chains	
0.09	Wire fence, runs S. 80° E.
4.20	Wire fence, runs S. 60° E. ascend gently.
5.00	Trail, along fence.
20.00	Deposit charred stake 12ins in ground for S.W. Cor. of claim, dug pits 18x18x12ins 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 2ft. long 2ins Sq. 12ins in ground, marked B.H. on N.E. face.

Land, level and rolling.

Soil, sandy 2nd and 3rd rate.

Chains	
	East along S. bdry. of claim.
	Descend gently along N. slope low hills
16.00	Trail, runs NW. and SE.
16.21	Garden fence, N and S.
21.22	Garden fence N. and S.
22.00	Bottom descent, thence along S edge of Valley.
25.00	Sod house bears N. 3 chs. dist.
45.00	Trail, N. 60° W.
68.00	Ascend gently.
80.00	Set temp. SE. Cor of Claim.
	Land, level and rolling.
	Soil, sandy 2nd and 3rd rate.

	East along N. bdry.
	Over rolling ground at foot of hills.
80.00	Deposit charred stake 12ins in ground for NE. Cor. of claim. dug pits 18×18×12ins. 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 2ft. long 2ins. Sq. 12ins in ground, marked B.H. on SW. face.
	Land, rolling.
	Soil, sandy, 3rd and 4th rate.

	South along E. bdry.
	Over level ground.
2.53	Meadow fence runs 80° W.
12.46	Meadow fence runs S. 80° W, ascend N slope gently.
13.50	Trail, runs along fence.
20.00	Intersect S. bdry. at temp Cor. deposit charred stake 12ins in ground for SE. Cor. of claim, dug pits 18×18×12ins. 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 2ft. long 2ins. Sq 12ins. in ground, marked B.H. on NW. face.
	Land, level and rolling
	Soil, sandy 2nd and 3rd rate. Jan. 22, 1900.

Chains	(Dec. 39)
	Survey of T.C. claim of Charley Severine, 160 Acres in Sec. 39 and is owned by Benjamin Harvey. The old NE. Cor. of Claim being shown by Mr. Harvey. Where I deposit charred stake 12ins in ground for NE. Cor. of claim, dug pits 18×18×12ins 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 2ft long 2ins sq. 12ins in ground, marked B.H. on SW. face.
	This Cor. bears N. 62° 38', W 0.36 chs. from ¼ Cor. bet. Secs. 4 and 5 Latitude 17 lks. Departure 32 lks
	West along N. bdry.
	Descend gently
10.00	Bottom descent, Enter level wet meadow land.
80.00	Set Temp. NW. Cor.
	Land, level and rolling.
	Soil sandy 1st and 2nd rate.

	South along E. bdry.
	Over low rolling hills.
20.00	Deposit charred stake 12ins in ground for SE. Cor. of claim, dug pits 18×18×12ins. 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 2ft. long, 2ins. Sq. 12ins in ground, marked B.H. on NW. face.
	Land, rolling
	Soil, sandy, 4th rate.

	West along S. bdry.
3.50	Descend gently.
9.00	Bottom of descent in SE Cor of Valley, thence along S. edge of valley.
67.50	Trail, runs N. 70° W, S. 70° E. ascend gently
80.00	Deposit charred stake 12ins in ground for SW. Cor. T.C. and SE. Cor HE Claim, dug pits

Claim Lines of T. 21 N., R. 37 W., Continued.

Chains	
	18×18×12ins 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 2ins. sq. 12ins in ground, marked B.H. on NW. and NE. faces. Land, level and rolling – Soil, sandy 2nd and 3rd rate.
	North bet. T.C. and H.E. Claims. Descend gently.
2.00	Trail runs E. and W.
4.00	Enter level – meadow.
14.00	Enter wet land.
20.00	Intersect N bdry. at temporary Corner. Deposit charred stake 12ins. in ground for NW. Cor. of T.C. and NE. Cor. H.E. dug pits 18×18×12ins. S and E. 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 2ins. sq. 12ins in ground, marked B.H. on SW. and SE. faces. Land, rolling and level. Soil, sandy 1st and 2nd rate.

(Sec. 40)

Survey of H.E. Claim of Charley Sevrine 161.26 Acres in Sec. 6, owned by Benjamin Haney.
The Claim Containing 161.26 acres, and its width being 20. chs. its length will be 161.26 ÷ 20 = 80.63 chs.
West along S. bdry.
Ascend gently along N. slope.
21.00 Top of ascent, thence over rolling ground along N. slope hills.
43.00 Descend gently.
76.77 Wire fence runs N and S.
77.16 Trail, runs N. and S.
80.63 Deposit charred stake 12ins. in ground for SW. Cor. of Claim – dug pits 18×18×12ins. N and E. of Cor. 4 ft.

Claim Lines of T. 21 N., R. 37 W., Continued

Chains	
	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 2ins sq. 12ins. in ground, marked B.H. on NE. face. Land, Rolling Soil, sandy 4th rate.
	North along W. bdry. Descend N. slope gradually.
7.00	Enter W. end valley.
11.08	Corral fence, runs E. and W.
13.53	Corral fence, runs E and W.
14.00	Point 4.50 chs. W. of Haney's house ascend abruptly.
20.00	Set temp. NW. Cor of claim. Land, level and rolling. Soil, sandy, 2nd and 4th rate.
	West along N. bdry. Over level wet meadow land
50.00	Leave wet land.
61.30	Trail, runs N. 80° E. ascend along SE. slope hills.
75.80	Wire fence, runs N and S. Ascend abruptly.
80.63	Intersect W. bdry at temp. Cor. deposit charred stake 12ins in ground for NW. Cor. of claim dug pits 18×18×12ins 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 2ins. sq. 12ins in ground, marked B.H. on SE. Face. This Cor bears S. 80° 36' E. 1.09 chs. from ¼ Cor on E. bdry of Sec 1-21-38. Latitude 18 lks. Departure 1.08 chs. Land level and broken. Soil, sandy, 1st and 4th rate. Jan. 23, 1900

Subdivision and Claim Lines T. 21 N., R. 37 W., Concluded

General Description

The Township consists of a series of nearly regular ranges of high, sand hills — with rolling valleys between ranges — On much of the valley land a very good quality of hay can be grown. The valleys that are not subject to overflow a thin sand grass grows, the rolling ground and hills produce a grass that is very good for grazing purpose — None of this Twp can be used for agricultural purposes the soil that is rich enough to grow crops is too light and when once flowed is blown away by the heavy winds that this Country is subject to.

Willard W. Alt,
U.S. Surveyor.

Jan. 23, 1900.

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.

General Land OFFICE OF THE UNITED STATES ~~SURVEYOR-GENERAL~~,

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

The foregoing field notes of the survey of Subdivisional Claim Lines of Township No. 21 N. Range No. 35 West.

executed by Willard H. 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.

Binger Hermann

~~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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General Land Office • Original Field Notes

Book Number

778

W.W. Alt Subdivision of T 21 N - R 37 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.