General Land Office • Original Field Notes

Book Number

778

W.W. Alt Subdivision of T 24 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.

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5. The pencil plat received with this transcript was returned to Mr. Alt with letter I dated Dec. 7, 1896

"Duplicate" X

Ex 10-27-1902 RH X

2 Sec No. omitted

4—679.

No letter of transmittal — see Alt letter Nov 7.96, 114512 which states that notes of T. 24 N. R. 37 W. would be forwarded the following week

FIELD NOTES

OF THE SURVEY OF

Subdivision and Claim Lines of Township No. 24 N. Range 37 W.

Of the 6th Principal Meridian,

State of Nebraska

AS SURVEYED BY

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

Under his Contract ~~No.~~ ——, dated December 24 (26?), 1894

Survey commenced June 1, 1896

Survey completed June 16, 1896

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1

Names and Duties of Assistants.

Sidney Blont, Chainman
Frank H. Drath Chainman
Charley E. Kackley Flagman
Theodore Neeland, Moundman
Albert Niemoth, Moundman.

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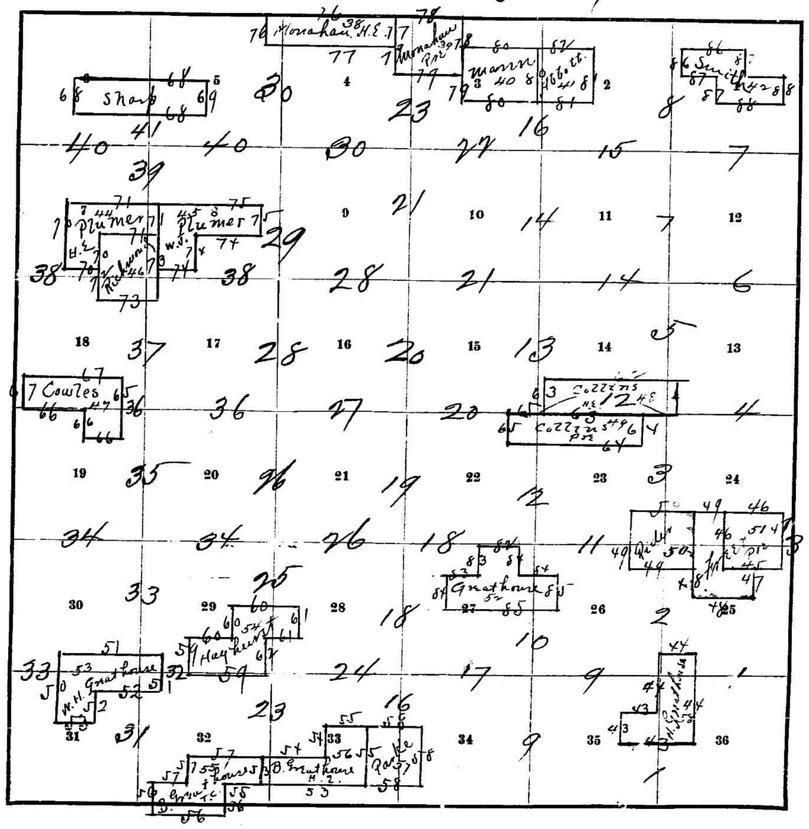
INDEX DIAGRAM.

Township 24, Range 37



Meanders Page

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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 upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

.....

..... *, Chainman.*

..... *, Chainman.*

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

SEAL

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

.....

..... *, Moundman.*

..... *, Moundman.*

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

SEAL

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

.....

..... *, Axman.*

..... *, Axman.*

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

SEAL

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

..... *, Flagman.*

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

SEAL

6—151

Subdivision of T. 24 N., R. 37 W.

Chains.

The directions of the initial meridional section lines of this Tp. are referred to the tangent, which was ranged out and left marked, on the S. bdy. of the Tp.

N. 0°01' W. bet. secs. 35 and 36.
Ascend over broken ground.
13.50 Top of range, 75 ft. high; course E. and W. descend along N. slope, over broken ground.
27.88 Wire fence; bears S. 85° W.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S, on W. face.
43.00 Enter level valley land; bears E. and W.
65.00 Foot of bluffs: bear S. 60° W. and N. 60° E. ascend abruptly.
73.00 Top of ascent, 75 ft.: thence ascend along S.E. face: over broken ground.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 25, 26, 35, and 36.: dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high. over deposit.
In S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
T 24 N S 25. on NE.
R 37 W S 36. on SE.
S 35. on NW. and
S 26. on NW. faces. with 1 notch on E. and S. edges.
Land. broken.
Soil. sandy; 1st and 3rd rate.

N. 89° 45 E. on a random line bet. secs. 25 & 36.
40.00 Set temp. ¼ sec. cor.

Chains

79.98 Intersect E. bdy. of Tp. at the cor. of secs. 25. 30. 31. and 36.

Thence I run

S. 89°45' W. on true line bet. secs. 25 and 36.

Along N. slope of range, over rolling ground.

9.00 Trail to Whitman: bears N. 60° E.

30.00 Enter level ground. – N. edge of valley.

39.99 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18 X 18 X 12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.

In E. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

¼ S., on N. face.

61.10 Wire fence: bears N. and S.

66.00 Foot of range: bears NE. and SW.; ascend abruptly.

78.00 Top of ascent, 75 ft. on SE. face of range.

79.98 The cor. of secs. 25. 26. 35. and 36.

Land rolling bottom.

Soil, sandy; 1st and 3rd rate.

N. 0°01' W. bet. secs. 25 and 26.

Ascend along S.E. face.

23.00 Top of ascent, 125 ft. above valley; thence along top of range.

39.00 Begin descent along N. slope.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18 X 18 X 12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.

In S. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

¼ S., on W. face.

47.00 Begin abrupt descent along N. slope.

65.30 Enter plowed field; extends 4 or 5 chs. E. and W.

70.00 Enter valley.

73.20 Leave plowed field.

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 23. 24. 25. and 26.; dig pits

Chains

18 X 18 X 12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high over deposit.

In S.E. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

T 24 N S 24. on NE.

R 37 W S 25. on SE.

S 26. on SW. and

S 23. on NW. faces with 2 notches on S. and 1 notch on E. edges.

Land broken.

Soil, sandy; 1st and 3rd rate.

N. 89°45' E. on a random line bet. secs. 24 and 25.

40.00 Set temp. ¼ sec. cor.

79.84 Intersect E. bdy. of Tp. 12 lks S. of the cor. of secs. 19. 24. 25. and 30.

Thence I run

S. 89°40' W. on true line bet. secs. 24 and 25.

Through marsh.

20.00 Leave marsh; enter level meadow.

39.92 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18 X 18 X 12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.

In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

¼ S., on N. face.

79.84 The cor. of secs. 23. 24. 25. and 26.

Land level bottom.

Soil, sandy; 1st rate.

N. 0°01' W. bet. secs. 23 and 24.

Over level land.

4.72 Wire fence, along railroad.

6.05 Center of track, Burlington and Missouri River railroad; bears N. 89°29' E. and reverse.

6.18 Telegraph line "

7.56 Wire fence "

Chains.

7.68 Trail; Whitman to Hyannis; bears N. 89°29' E.

8.00 Ascend S. face of ridge; bears E. and W.

25.00 Summit of ridge; "

38.00 Begin descent along N. slope.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
¼ S., on W. face.

65.40 Trail; bears E. and W. at foot of slope; enter wet meadow.

70.50 To margin of impassable swamp: Set flag on line on opposite edge.
The point for cor. of secs. 13. 14. 23. and 24 falls in swamp. therefore at the S. edge of swamp, 9.50 chs. S. 0°01' E. from the point for sec. cor. I set an oak post 3 ft. long 4 ins. sq. with a charred stake 24 ins. in the ground, for witness cor. to the cor. of secs. 13. 14. 23. and 24. marked
WCT 24 N S 13. on NE.
R 37 W S 24. on SE.
S 23. on SW. and
S 14. on NW. faces. with 3 notches on S. and 1 notch on E. edges; dig pits 18x18x12 ins. NE. NW. SE. & SW. of post 5½ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high W. of cor.
Land broken.
Soil. 1st and 3rd rates.

From a point on the line bet. secs. 23 and 24, S. 0°01' E. 4.50 chs. dist from the witness cor. of secs. 13. 14. 23 and 24. and 14 chs. dist. from the sec. cor. point. I run
N. 89°59' E. - 30 chs. thence
N. 0°01' W. on offset line, 14.15 chs. to a point N. 89°41' E. 30 chs. from the point for sec. cor. in swamp. where I set temp witness point.
Thence I run
N. 89°41' E. on a random line bet. secs. 13 and 24.

Chains.

40.00 (counting from the blank sec. cor. in swamp.) Set temp ¼ sec. cor.

79.90 Intersect E. bdy. of Tp. 14 lks N. of the cor. of secs 13. 18. 19. and 24.
Thence I run
S. 89°47' W. on true line bet. secs. 13 and 24.
Over high ridge. E. and W.; ascend.

25.00 Summit.

39.95 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S., on W. face.
Descend W. slope.

52.40 Trail; bears N. and S. at foot of slope; enter valley.

53.90 Margin of impassable swamp. where I drove an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground from which to run an offset line to the line bet. secs. 13 & 14.
Land. broken
Soil. sandy; 3rd rate.

From a point on line bet. secs. 13 & 24 at E. edge of swamp. N. 89°47' E. 26 chs. from cor. point. I run N. 0°01' W. parallel to line bet. secs. 13 and 14.

40.00 Offset S. 89°47' W., 26 chs. to the line bet. secs. 13 and 14. at N. edge of swamp. where I deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S., on W. face.
Thence I run
N. 0°01' W. bet. secs. 13 and 14.
Over wet meadow.

50.30 Trail; bears S. 70° W. and reverse.

Chains.

51.57 Ascend S.E. slope of range: bears NE. and SW.
sod house bears S.52°W. 15 chs. dist.

72.00 Summit: thence across ridge.

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 11.12.13. and 14.: dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, over deposit.
In S.E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T24N S12. on NE.
R38W S13. on SE.
S14. on SW. and
S11. on NW. faces. with 4 notches on S. and 1 notch on E. edges.
Land. swamp. and broken sand hills.
Soil. 1st and 3rd. rate.

N.89°47'E. on a random line bet. secs. 12 & 13.

40.00 Set temp. ¼ sec. cor.

79.80 Intersect E. bdy. of Tp. 7 lks. N. of the cor. of secs. 7.12.13. and 18.
Thence I run
S.89°50'W. on true line bet. secs. 12 and 13.
Over undulating ground.

30.00 Enter N.E. edge of swamp.

34.00 Leave swamp: enter low foot hills.

39.90 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S., on N. face.

57.00 Pass: bears NW. and SE.: ascend along S.E. slope.

74.00 Summit, 80 ft. high; descend.

79.80 The cor. of secs. 11.12. 13. and 14.
Land. broken.
Soil. sandy: 3rd rate.

Chains.

N.0°01'W. bet. secs. 11 and 12.
Across ridge: bears E. and SW.

12.00 Descend along N. slope.

22.00 Bottom of descent: over rolling ground.

26.00 Wire fence: bears S.66½°W. and reverse.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In S. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S., on W. face.

50.00 To foot of hills: ascend along S.E. slope.

72.00 Descend along NE. slope.

75.83 Wire fence: bears S.E. and NW.

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 1. 2. 11. and 12: dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth. 4 ft. base 2 ft. high. over deposit.
In S.E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
T24N S1. on NE.
R38W S12. on SE.
S11. on SW. and
S2. on NW. faces. with 5 notches on S. and 1 notch on E. edges.
Land. broken prairie.
Soil: sandy: 3rd rate.

N.89°50'E. on a random line bet. secs. 1 & 12.

40.00 Set temp. ¼ sec. cor.

79.76 Intersect E. bdy. of Tp. 8 lks. N. of the cor. of secs. 1. 6. 7. and 12.
Thence I run
S.89°53'W. on true line bet. secs. 1 and 12.
Along ridge, bearing E. and W.: ascend.

17.00 Summit: thence along S. face of hill.

39.88 Deposit a charred stake 12 ins. in the ground.

Chains.

for ¼ sec. cor.: dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked ¼ S., on N. face.

65.00 Descend into narrow pass.
72.00 Bottom of pass: bears NW. and SE.: ascend.
79.76 The cor. of secs. 1. 2. 11. and 12.
Land. broken.
Soil. sandy; 3rd rate. June 5, 1896.

N. 0°01' W. bet. secs. 1 and 2.
Cross narrow pass; bears NW. and SE.
Trail to Whitman " " "
25.00 Top of low ridge extending E.; descend.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In S. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked ¼ S., on W. face.
44.60 Enter plowed field.
50.00 Leave " "
52.00 Enter bottom.
64.00 Foot of bluff: ascend abruptly.
72.00 Top of bluff.
80.00 Summit of range, 200 ft. high.
88.00 Descend gradually.
98.06 Intersect 6th Standard Parallel. S. 89°33' E. 23.17 chs. dist. from the cor. of T. 25 N., Rs 36 and 37 W.
Deposit a charred stake 12 ins. in the ground for closing cor. of secs. 1 and 2: dig pits 24x18x12 ins. crosswise on each line, E. W. and S. of cor. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high, over deposit.
In E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

Chains.

C C T 24 N R 37 W; on S.
S 1, on E. and
S 2. on W. faces. with 1 groove on E. and 5 grooves on W. faces.
Land. broken.
Soil. sandy; 3rd rate. June 6, 1896.

N. 0°02' W. bet. secs. 34 and 35.
Across top of ridge; E. and W.
11.10 Wire fence; bears N. 50° E. and reverse.
12.00 Descend NE. slope.
36.00 Bottom of descent.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high. over deposit.
In S. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked ¼ S., on W. face.
43.00 Ascend S. slope.
65.00 Top of ascent: NE. and SW.: thence over chop hills.
80.00 Deposit a charred stake 2 ins. in the ground for cor. of secs. 26. 27. 34. and 35: dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high. over deposit.
In S.E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T 24 N S 26, on NE.
R 37 W S 35. on SE.
S 34. on SW. and
S 27. on NW. faces. with 2 notches on E. and 1 notch on S. edges.
Land. broken.
Soil. sandy; 3rd rate.

N. 89°45' E. on a random line bet. secs. 26 & 35.
40.00 Set temp. ¼ sec. cor.

Chains.

[illegible].20 Intersect N. and S. line 5 lks. S. of the cor. of secs. 25 26. 35. and 36.
Thence I run
S. 89°43' W. on true line bet. secs. 26. and 35.
Over ridge bearing E. and W.: ascend.
15.00 Summit: descend moderately.
40.10 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
¼ S., on N. face.
80.20 The cor. of secs. 26. 27. 34. and 35.
Land, broken.
Soil, sandy: 3rd rate.

N. 0°02' W. bet. secs. 26 and 27.
Across low ridge, bearing E. and W.
27.00 Begin descent along NW. slope.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S., on W. face.
47.00 Trail to Whitman: bears N. 70° E.
47.41 Wire fence: bears S. 73° W. and reverse.
50.00 Enter level meadow.
72.95 Wire fence: bears S. 70° 22' W.
73.06 Center of track, Burlington and Missouri River railroad: bears S. 70° 22' W.: curves to right, 5 chs. E. of line.
73.38 Telegraph line: bears S. 70° 22' W.
73.44 Wire fence " "
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 22. 23. 26. and 27: dig pits 18x

Chains

18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high. over deposit.
In S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T 24 N S 23. on NE.
R 37 W S 26. on SE.
S 27. on SW. and
S 22. on NW. faces. with 2 notches on E. and S. edges.
From this cor. A. F. Miller's sod house bears N. 61½ W.
B. Breathouse's frame house bears S. 85° W.
Land, level bottom, and broken hills.
Soil, sandy: 1st and 3rd rates.

N. 89°43' E. on a random line bet. secs. 23 & 26.
40.00 Set temp. ¼ sec. cor.
80.12 Intersect N. and S. line 12 lks. N. of the cor. of secs. 23. 24. 25. and 26.
Thence I run
S. 89°48' W. on true line bet. secs. 23 and 26.
In level meadow.
34.22 Wire fence: bears N. 82° 24' E.
40.06 The point for ¼ cor. falls on the railroad right of way: Deposit a charred stake 24 ins. in the ground. for ¼ sec. cor.
S. 7°36' E. 72 lks. dist.; and N. 7°36' W. 231 lks. dist. from the ¼ cor. I deposit charred stakes 12 ins. in the ground, for witness cors. to the ¼ sec. cor., bring 100 ft dist. and at right angles to Railroad: dig pits 18x18x12 ins. E. and W. of cors. 4 ft. dist. and raise mounds of earth 3½ ft. base, 1½ ft. high, over deposits.
In E. pits. drive oak stakes 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
WC ¼ S., on N. faces.
46.13 Center of track, Burlington and Missouri River railroad: bears N. 82° 24' E. and reverse.
46.94 Telegraph line " " "
56.00 Wire fence " " "

Chains

66.00 Trail; Whitman to Hyannis, along railroad.
78.83 " " " NW. and SE.
80.12 The cor. of secs. 22. 23. 26. and 27.
Land. level and rolling.
Soil. 1st and 2nd rate.

N. 0°02' W. bet. secs. 22 and 23.
In level meadow.
1.20 Trail to Whitman; bears NW. and SE.
9.00 Leave bottom; ascend S. face of hills: E. and W.
34.00 Summit: descend along N. slope of ridge.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S., on N. face.
69.40 Bottom of descent; enter level meadow.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 14. 15. 22. and 23: dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth, 4 ft. base 2 ft. high. over deposit.
In S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
T 24 N S 14. on NE.
R 37 W S 23. on SE.
S 22. on SW. and
S 15. on NW. faces. with 3 notches on S. and 2 on E. edges.
Land. broken hills, and level valley.
Soil. sandy; 1st and 3rd rate.

N. 89°48' E. on a random line bet. secs 14 & 23.
40.00 Set temp. ¼ sec. cor. at margin of an impassable swamp; Thence I offset
S. 0°01' E. 10 chs.; thence, N. 89°48' E. on offset line.
80.00 (counting from the sec. cor) Intersect N. and S.

Chains

line 60 lks. S. of the witness cor. to the cor. of secs. 13. 14. 23. and 24. making the fallings 10 lks. S.
Thence I run
S. 89°44' W. on offset line parallel to line bet.
40.00 secs. 14 and 23. 40 chs., thence offset N. 0°01' W. 10 chs. to sec. line where I deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In E. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S., on N. face.
Thence I run
S. 89°44' W. on true line bet. secs. 14 and 23.
Over wet meadow.
80.00 The cor. of secs. 14. 15. 22. and 23.
Land. swamp. and wet meadow.
Soil. 1st rate.

N. 0°02' W. bet. secs. 14 and 15.
In level meadow.
25.00 To foot of range; bears E. and W.; ascend.
33.00 Summit; 75 ft. above valley.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In S. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S., on N. face.
45.50 S. edge of large blowout, 50 ft. deep.
47.00 Leave blowout - bears NW. and SE.; descend N. face of ridge.
77.00 Wire fence, bears S. 65° W. and reverse.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 10. 11. 14. and 15: dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high over deposit.

chains

In S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
T24N S11. on NE.
R37W S14. on SE.
S15. on SW. and
S10. on NW. faces. with 4 notches on S. and 2 on E. edges.
Land. level bottom and sandhills.
Soil. sandy: 1st and 3rd rates.

N. 89° 44' E. on a random line bet. secs. 11 & 14.
40.00 Set temp. ¼ sec. cor.
80.10 Intersect N. and S. line 16 lks. S. of the cor. of secs. 11. 12. 13. and 14.
Thence I run
S. 89° 37' W. on true line bet. secs. 11 and 14.
Over ridge.
20.00 Descend gradually along NW. slope.
37.00 Wire fence: bears N. and S.
40.05 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S., on N. face.
60.00 Wire fence, course N. 70° E. & S. 70° W.
80.10 The cor. of secs. 10. 11. 14. and 15.
Land. broken.
Soil. sandy: 3rd rate.

N. 0° 02' W. bet. secs. 10 and 11.
Ascend moderately
33.00 Summit: descend.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins

chains

sq. 12 ins. in the ground. marked
¼ S., on N. face.
50.00 Bottom of descent: enter alkali flat.
54.00 Leave alkali flat.
65.40 Trail: bears E. and W.: ascend moderately.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 2. 3. 10. and 11: dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high, over deposit.
In S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
T24N S2. on NE.
R37W S11. on SE.
S10. on SW. and
S3. on NW. faces. with 5 notches on S. and 2 on E. edges.
Land. broken
Soil. sandy: 3rd rate.

N. 89° 37' E. on a random line bet. secs. 2 and 11.
40.00 Set temp. ¼ sec. cor.
80.24 Intersect N. and S. line 12 lks. N. of the cor. of secs. 1. 2. 11. and 12.
Thence I run
S. 89° 42' W. on true line bet. secs. 2 and 11.
1.24 Wire fence: bears NW. & SE: ascend.
14.00 Summit.
25.00 Begin descent.
35.00 Bottom of descent: enter low hills.
40.12 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S., on N. face.
51.00 Top of ridge of low hills: descend.
80.24 The cor. of secs. 2. 3. 10. and 11.
Land. broken.
Soil. sandy: 3rd rate. June 2, 1896

Chains

N. 0°02' W. bet. secs. 2 and 3.
Ascend.
5.00 Top of ascent
15.00 Begin descent along N. slope.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor. dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In S. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked.
¼ S, on W. face.
This cor. is at bottom of slope, in edge of valley.
40.26 Wire fence: N. 80° E.
46.20 Trail: bears N. 80° E.
72.60 Old sod house on line.
76.00 Foot of bluff: leave valley and ascend abruptly.
82.00 Top of bluff: 150 ft. above valley.
99.14 Intersect 6th Standard Parallel. N. 89°33' W. 16.68 chs. from the ¼ sec. cor. on S. bdy. sec. 36.
Set an oak post 3 ft. long 4 ins. sq. with a charred stake 24 ins. in the ground, for closing cor. of secs. 2 and 3. marked.
C C T 24 N R 37 W. on S.
S 2. on E. and
S 3. on W. faces. with 2 grooves on E. and 4 on W. faces: dig pits 24x18x12 ins. crosswise on each line. E. and W. 3 ft. and S. of post 7 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high. S. of cor.
Land. broken hills. and dry bottom.
Soil. 1st and 3rd rate. June 6, 1896.

N. 0°03' W. bet. secs. 33 and 34.
Descend N. slope of range.
10.00 Enter old plowed field: extends W. 15 chs. and E. 5 chs.
13.40 Leave " "
25.00 Enter level valley.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. and S.

Chains.

of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In S. pit. drive an oak stake 2 ft. long 2 ins sq. 12 ins. in the ground. marked
¼ S, on W. face.
66.00 Foot of abrupt ascent: NE. and SW.
77.00 Summit: descend
80.00 Set an oak post 3 ft. long 4 ins. sq. with a charred stake 24 ins. in the ground for cor. of secs. 27. 28. 33. and 34. marked
T 24 N S 27. on NE.
R 37 W S 34. on SE.
S 33. on SW. and
S 28. on NW. faces. with 3 notches on E. and 1 notch on S. edges: dig pits 18x18x12 ins. in each sec. 5½ ft. dist and raise a mound of earth. 4 ft. base 2 ft. high W. of cor.
Land, dry bottom and broken hills.
Soil. 2nd and 3rd rate.

N. 89°45' E. on a random line bet. secs. 27 & 34.
40.00 Set temp. ¼ sec. cor.
80.03 Intersect N. & S. line at the cor. of secs. 26. 27. 34. and 35.
Thence S. run
S. 89°45' W. on true line bet. secs. 27 and 34.
Descend along NW. slope.
40.01 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S., on W. face.
54.00 Pass: bears NE. and SW.: ascend.
60.00 Ascend point of range.
74.00 Pass: bears NW. and SE.: ascend abruptly.
80.03 The cor. of secs. 27. 28. 33. and 34.
Land. broken.
Soil. sandy: 3rd rate.

Chains.

N. 0°03' W. bet. secs. 27 and 28.
Descend.
5.00 Bottom of descent: cross point of low ridge, extending S.E.
39.05 Enter narrow bottom, E. and W.: Trail. Whitman to Hyannis, bears E. and W.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In S. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
¼ S., on W. face.
44.61 Wire fence, along railroad.
46.15 Enter of track, Burlington and Missouri River railroad, on convex side of curve.
Ascend abruptly along S. face of ridge.
46.69 Telegraph line: along railroad.
47.70 Wire fence. " "
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 21. 22. 27. and 28: dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth. 4 ft. base 2 ft. high. over deposit.
In S.E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground: marked
T 24 N S 22, on NE.
R 37 W S 27, on SE.
S 28. on SW. and
S 21. on NW. faces with 3 notches on E. and 2 on S. edges.
Land, broken
Soil, sandy: 3rd rate.

N. 89°45' E. on a random line bet. secs. 22 & 27.
40.00 Set temp. ¼ sec. cor.
80.20 Intersect N. and S. line 14 lks. S. of the cor. of secs. 22. 23. 26. and 27.
Thence I run

Chains.

S. 89°39' W. on true line bet. secs. 22 and 27.
In level valley.
20.30 Trail to Whitman: bears N. 60° E.
25.00 Leave valley: ascend abruptly S.E. face of bluff.
40.10 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high. over deposit.
In E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S., on N. face.
44.00 Summit: begin gradual descent.
50.20 The cor. of secs. 21. 22. 27. and 28.
Land, level bottom, and broken sand hills.
Soil, 1st and 3rd rate.

N. 0°03' W. bet. secs. 21 and 22.
Across high ridge: extends N. 80° E.
4.00 Summit.
20.00 Begin descent along N. slope.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high. over deposit.
In S. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
¼ S., on W. face.
50.70 Pass: bear E. and W.
54.00 Begin ascent.
80.00 Set an oak post 3 ft. long 4 ins. sq. with a charred stake 24 ins. in the ground. for cor. of secs. 15. 16. 21. and 22, marked
T 24 N S 15. on NE.
R 37 W S 22. on SE.
S 21. on SW. and
S 16. on NW. faces. with 3 notches on E. and S. edges: dig pits 18x18x12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high. N. of cor.
Land, broken. Soil, sandy: 3rd rate.

Chains.

N. 89° 39' E. on a random line bet. secs. 15 & 22.

40.00 Set temp. ¼ sec. cor.

80.28 Intersect N. & S. line 12 lks. N. of the cor. of secs. 14. 15. 22. and 23.

Thence I run

S. 89° 44' W. on true line bet. secs. 15 and 22.

In level meadow.

26.00 Leave meadow and ascend abruptly.

40.14 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.

In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

¼ S., on N. face.

51.00 Top of bluff 50 ft. high; thence along S. face.

75.00 Begin descent along W. slope.

80.28 The cor. of secs. 15. 16. 21. and 22.

Land. level bottom, and sand hills.

Soil. 1st and 3rd rates.

N. 0° 03' W. bet. secs. 15 and 16.

Across W. slope of range: ascend moderately.

10.00 Top of ascent; thence over broken ground.

19.87 Wire fence: bears NE. and SW.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.

In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

¼ S., on W. face.

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 9. 10. 15. and 16: dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high over deposit.

In S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

T24N S10. on NE.

Chains.

R37W S15. on SE.

S16. on SW. and

S9. on NW. faces. with 4 notches on S. and 3 on E. edges.

Land. broken.

Soil. 3rd rate.

N. 89° 44' E. on a random line bet. secs. 10 & 15.

40.00 Set temp. ¼ sec. cor.

80.30 Intersect N. & S. line 26 lks. N. of the cor. of secs. 10. 11. 14. and 15.

Thence I run

S. 89° 55' W. on true line bet. secs. 10 and 15.

4.00 Begin ascent along S.E. slope.

36.00 Summit: descend.

40.15 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.

In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

¼ S., on N. face.

42.00 Bottom of descent: ascend along N. slope.

78.00 Sharp summit: descend to cor.

80.30 The cor. of secs. 9. 10. 15. and 16.

Land. broken.

Soil. sandy: 3rd rate.

N. 0° 03' W. bet. secs. 9 and 10.

Ascend.

4.00 Top of ascent 20 ft. above cor.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.

In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

¼ S., on W. face.

Chains.

44.00 Top of range; descend N. face.

70.30 Trail, at bottom of descent: bears E. and W. ascend moderately.

80.00 Set an oak post 3 ft. long 4 ins. sq. with a charred stake 24 ins. in the ground. for cor. of secs. 3. 4. 9. and 10. marked
T 24 N S 3. on NE.
R 38 W S 10. on SE.
S 9. on SW. and
S 4. on NW. faces. with 5 notches on S. and 3 on E. edges: dig pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high W. of cor.
Land. broken.
Soil. sandy; 3rd rate

N. 89° 55' E. on a random line bet. secs. 3 & 10.

40.00 Set temp. ¼ sec. cor.

80.36 Intersect N. & S. line 6 lks. S. of the cor. of secs. 2. 3. 10. and 11.
Thence I run
S. 89° 52' W. on true line bet. secs. 3 and 10.
Along low ridge, bearing E. & W.: ascend gradually.

36.00 Top of ascent.

40.18 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18 X 18 X 12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft base 1½ ft. high, over deposit.
In E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
¼ S., on N. face.

55.00 Begin descent.

80.36 The cor. of secs. 3. 4. 9. and 10.
Land. broken prairie.
Soil. sandy; 3rd rate June 3. 1896.

Chains.

N. 0° 03' W. bet. secs 3 and 4.
Ascend.

13.00 Summit.

23.00 Begin descent.

32.96 Wire fence: bears N. 70° W.

35.00 Bottom of descent.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18 X 18 X 12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In S. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S., on W. face.

49.90 Trail, bears E. and W.

48.00 Ascend gentle slope

63.00 Top of ascent

65.00 Begin descent.

75.00 Enter valley; bears E. and W.

99.78 Intersect 6th Standard Parallel N. 89° 37' W. 16.59 chs. from the 1/4 sec cor. on E. bdy. of sec. 35. 25. 38
Deposit a charred stake 12 ins. in the ground for closing cor. of secs. 3 and 4: dig pits 24 X 18 X 12 ins. crosswise on each line. E. W. and S. of cor. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high. over deposit.
In E. pit. drive an oak stake 2 ft. long 2 ins sq. 12 ins. in the ground. marked
CCT 24 N R 37 W; on S.
S 3. on E. and
S 4. on W. faces. with 3 grooves on E. and W. faces.
From this cor. James Monahans sod house bears S. 60° 24' W.
Land. moderate hills, and level bottom.
Soil. 1st and 3rd rate. June 6. 1896.

N. 0° 04' W. bet. secs. 32 and 33.
Descend along N. slope of range.

9.30 Enter old plowed field.

Chains.

11.70 Leave plowed field; Enter valley: bears NE. & SW.

19.20 Enter old plowed field

27.40 Leave " "

28.00 Wire fence; bears E. and W.: ascend S. face of ridge: bears E. and W.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In S. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S., on W. face.

46.00 Top of range, 100 ft.: bears E. and W.

64.00 Begin descent.

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 28. 29. 32. and 33: dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high over deposit.
In S.E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
T 24 N S 28. on NE.
R 37 W S 33. on SE.
S 32. on SW. and
S 29. on NW. faces with 4 notches on E. and 1 notch on S. edges.
From this cor. Geo. Moran's sod house bears N. 78° 30' W.
Land. Broken.
Soil. sandy: 3rd rate.

N. 89° 45' E. on a random line bet. secs. 28 & 33.

41.00 Set temp. ¼ sec. cor.

80.28 Intersect N.&S. line, 2 lks N. of the cor. of secs. 27. 28. 33. and 34.
Thence I run
S. 89° 46' W. on true line bet. secs. 28 and 33.
Ascend E. face of ridge, extending W.

17.00 Summit.

40.14 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. E. and W. of cor.

Chains.

4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S., on N. face.

51.00 Descend W. face of ridge.

80.28 The cor. of secs. 28. 29. 32. and 33.
Land. broken.
Soil. sandy: 3rd rate.

N. 0° 04' W. bet. secs. 28 and 29.
Descend moderately, along NW. slope.

18.00 Trail. Whitman to Hyannis: bears N. 30° E.

29.00 Enter bottom.

32.40 Wire fence. along railroad.

32.60 Center of track, Burlington and Missouri River railroad. bears N. 61° 37' E. and reverse.

32.85 Wire fence " " "

32.89 Telegraph line " " "
Enter swamp.

34.97 Wire fence: bears NW. and SE.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In S. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S., on W. face.

42.00 Leave swamp.

54.00 Enter chop hills: ascend.

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 20. 21. 28. and 29.: dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high over deposit.
In S.E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
T 24 N S 21. on NE.
R 37 W S 28. on SE.

chains

S 29. on SW. and

S 20. on NW. faces with 4 notches on E. and 2 on S. edges.

Land, broken prairie and swamp.

Soil, 3rd rate.

N. 89°46' E. on a random line bet. secs. 21 and 28.

40.00 Set temp. ¼ sec. cor.

80.28 Intersect N.T.S. line 14 lks N. of the cor. of secs. 21. 22. 27. and 28.

Thence I run

S. 89°52' W. on true line bet. secs. 21 and 28.

Descend W. slope of ridge; extends N. 80° E.

32.00 Foot of slope.

36.00 Ascend chop hill.

40.14 Deposit a charred stake 12 ins. in the ground, for ¼ sec. cor.; dig pits 18X18X12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.

In E. pit drive an oak stake 2 ft. long 2 ins sq. 12 ins. in the ground. marked

¼ S., on N. face.

52.00 Wire fence; bears N.T.S.

80.28 The cor. of secs. 20. 21. 28. and 29.

Land, broken.

Soil, sandy; 3rd rate.

N. 0°04' W. bet. secs. 20 and 21.

Ascend over low rough chop hills.

25.00 Top of ascent.

40.00 Deposit a charred stake 12 ins in the ground for ¼ sec. cor.; dig pits 18X18X12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.

In S. pit drive an oak stake 2 ft. long 2 ins sq. 12 ins. in the ground. marked

¼ S., on N. face.

48.00 Begin descent.

chains.

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 16. 17. 20. and 21: dig pits 18X18X12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high. over deposit.

In S.E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked

T 24 N S 16. on NE.

R 38 W S 21. on NE.

S 20. on SW. and

S 17. on NW. faces with 4 notches on E. and 3 on S. edges.

Land, broken.

Soil, sandy; 3rd rate

N. 89°32' E. on a random line bet. secs. 16 and 21.

40.00 Set temp. ¼ sec. cor.

80.20 Intersect N.T.S. line 16 lks. S. of the cor. of secs. 15. 16. 21. and 22.

Thence I run

S. 89°45' W. on true line bet. secs. 16 and 21.

Descend W. slope of range.

19.70 Wire fence; bears N. 5° E.

25.00 Foot of descent; ascend moderately.

33.00 Summit of low range; descend along SW. slope.

40.10 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18X18X12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.

In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked

¼ S., on N. face.

50.00 Enter point of valley; extends NW.

51.16 Trail; bears NW. and SE.

75.00 Enter low hills.

80.20 The cor. of secs. 16. 17. 20. and 21.

Land, broken.

Soil, sandy; 3rd rate.

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chains.

N. 0° 04' W. bet. secs. 16 and 17.
Across low ridge; ascend.
2.00 Summit; descend.
5.00 Enter narrow valley; E. and W.
16.00 Trail; bears S. 70° E.
30.00 Leave valley; ascend S. face of low ridge bearing E. and W.
36.00 Top of ascent; thence over broken chop hills.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
¼ S., on W. face.
59.00 Summit of range.
70.00 Begin descent.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 8. 9. 16. and 17; dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high over deposit.
In S.E. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T 24 N S 9. on NE.
R 37 W S 16. on SE.
S 17. on SW. and
S 8. on NW. faces, with 4 notches on E. and S. edges.
Land, broken.
Soil, sandy; 3rd rate.

N. 89° 45' E. on a random line bet. secs. 9 and 16.
40.00 Set temp. ¼ sec. cor.
80.24 Intersect N. & S. line 2 lks. N. of the cor. of secs. 9. 10. 15. and 16.
Thence I run
S. 89° 46' W. on true line bet. secs. 9 and 16.
Over rough chop hills on summit of ridge.

chains.

bearing S. and W.; ascend.
17.00 Top of ascent.
40.12 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
¼ S., on W. face.
45.00 Begin descent.
80.24 The cor. of secs. 8. 9. 16. and 17.
Land, broken.
Soil, sandy; 3rd rate.

N. 0° 04' W. bet. secs. 8. and 9.
Over broken ground.
3.00 J. H. White's frame house bears N. 35° 40' W.; begin descent along N. slope.
9.00 Wire fence; bears W. 41° E. and reverse.
32.00 Enter valley.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
¼ S., on W. face.
57.53 Wire fence; N. 60° E.
55.00 Leave valley; ascend abruptly.
66.00 Top of ascent; thence along top of range.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 4. 5. 8. and 9; dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high, over deposit.
In S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T 24 N S 4. on NE.
R 37 W S 9. on SE.

Chains.

S 8. on SW. and
S 5. on NW. faces. with 5 notches on S.
and 4 on E. edges.
Land. level bottom, and sand hills.
Soil. 1st and 3rd rates.

N. 89°46' E. on a random line bet. secs. 4 & 9.
10.00 Set temp. 1/4 sec. cor.
0.22 Intersect N. & S. line 20 lks S. of the cor. of secs. 3. 4. 9. and 10.
Thence I run
S. 89°37' W. on true line bet. secs. 4 and 9.
22.42 Wire fence over rolling land; bears N. and S.
26.00 Begin ascent.
40.11 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor.; dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S., on W. face.
Thence along top of ridge.
66.00 Begin descent.
80.22 The cor. of secs. 4. 5. 8. and 9.
Land. broken.
Soil. sandy; 3rd rate. June 4, 1896

N. 0°04' W. bet. secs. 4 and 5.
Across ridge, 120 ft. high.
15.00 Begin descent along N. slope.
33.33 Wire fence. course N.E. and S.W.
40.00 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor.; dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In S. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S., on W. face

Chains.
46.40 Trail, at bottom of descent. E. & W.
49.00 Begin abrupt ascent, along S. face of ridge.
64.00 Top of ascent.
72.00 Descend along N. slope.
98.00 Enter valley; bears E. and W.
101.02 Intersect 6th Standard Parallel. N. 89°43' W. 15.92 chs. dist. from the 1/4 sec. cor. on S. bdy. sec. 34. 25-38
Set an oak post 3 ft. long 4 ins. sq. with a charred stake 24 ins. in the ground for closing cor. secs. 4 and 5. marked
C C T 24 N R 37 W, on S.
S 4. on E. and
S 5. on W. faces. with 4 grooves on S. and 2 on N. faces; dig pits 24x18x12 ins. crosswise on each line. E. and N. 3 ft. and S. of post 7 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high. S. of cor.
Land. broken
Soil. sandy; 1st and 3rd rate. June 6, 1896.

N. 0°05' W. bet. secs. 31 and 32.
Ascend abruptly from cor. which is on S. face of bluff. bearing NE. & SW.
18.00 Summit; thence across ridge bearing E & W.
36.00 Begin descent.
40.00 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor.; dig pits 18x18x12 ins. N. & S. of cor. 4 ft. dist. and raise a mound of earth 8½ ft. base 1½ ft. high, over deposit.
In S. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S., on W. face.
66.90 Trail; Whitman to Hyannis, near foot of slope; bears E and W.
67.05 Wire fence, bears N. 70° E.;
75.60 " " along railroad.
75.79 Center of track, Burlington and Missouri River railroad; bears N. 71°11' E. and reverse.
75.98 Wire fence, and telegraph line; bears N. 71°11' E. enter meadow.

Chains.

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 29. 30. 31. and 32: dig pits 18 x 18 x 12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high. over deposit.
In S.E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
T 24 N S 29. on NE.
R 37 W S 32. on SE.
S 31. on SW. and
S 30. on NW. faces. with 5 notches on E. and 1 notch on S. edges:
Land. broken.
Soil. 1st and 3rd rate.

The cor. of secs. 28. 29. 32. and 33. being visible. I run for said cor.
N. 89°49' E. on a random line bet. secs. 29 & 32.
40.00 Set temp. ¼ sec. cor.
79.94 Intersect N. & S. line at the cor. of secs. 28. 29. 32. & 33.
Thence I run
S. 89°49' W. on true line bet. secs. 29 and 32.
Descend gradually.
39.97 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor: dig pits 18 x 18 x 12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S., on N. face.
50.00 Bottom of descent: enter level ground.
62.35 Wire fence: bears N. 71°11' E.
67.56 Center of track, Burlington and Missouri River railroad; bears N. 71°11' E. and reverse.
68.56 Telegraph line "
69.24 Wire fence " enter meadow.
79.94 The cor. of secs. 29. 30. 31. and 32.
Land. rolling, and level.
Soil. 1st and 2nd rate.

Chains.

S. 89°45' W. on a random line bet. secs. 30 & 31.
40.00 Set temp. ¼ sec. cor.
80.34 Intersect W. bdy. of Tp. 6 lks S. of the cor. of secs. 25. 30. 31. and 36.
Thence I run
N. 89°48' E. on true line bet. secs. 30 and 31.
Across high ridge. ascend.
10.00 Summit:
37.50 Begin descent along SE. face of bluff.
40.34 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18 x 18 x 12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In E. pit: drive an oak stake 2 ft. long 2 ins sq. 12 ins. in the ground. marked
¼ S., on N. face.
46.00 Wire fence: NE & SW.: Enter meadow.
80.34 The cor. of secs. 29. 30. 31. and 32.
Land. level. and broken.
Soil. sandy; 1st and 3rd rate.

N. 0°05' W. bet. secs. 29 and 30.
In level meadow.
8.64 Wire fence: bears E. and W.
20.00 Enter chop hills:
32.90 Wire fence: bears NW. & SE.
35.00 Begin ascent along SW. face of ridge. extending E.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18 x 18 x 12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In S. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S., on W. face.
Thence along W. slope of range.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 19. 20. 29. and 30: dig pits 18 x 18 x 12 ins. in each sec. 4 ft. dist. and

Chains.

raise a mound of earth 4 ft. base 2 ft. high over deposit.
In S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T24NS 20. on NE.
R37WS 29. on SE.
S 30. on SW. and
S 19. on NW. faces. with 5 notches on E. and 2 on S. edges.
Land, level bottom, and sand hills.
Soil, 1st and 3rd rate.

N. 89° 49' E. on a random line bet. secs. 20 & 29.
40.00 Set temp. ¼ sec. cor.
80.20 Intersect N. and S. line 3 lks. N. of the cor. of secs. 20. 21. 28. and 29
Thence I run
S. 89° 50' W. on true line bet. secs. 20 & 29.
24.00 Foot of abrupt ascent.
40.10 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high, over deposit.
In E. pit drive an oak stake 2 ft. long 2 ins sq. 12 ins. in the ground, marked
¼ S., on N. face.
This cor. is at top of ascent.
59.00 Begin descent.
80.20 The cor. of secs. 19. 20. 29. and 30.
Land, broken.
Soil, sandy; 3rd rate.

S. 89° 48' W. on a random line bet. secs. 19 & 30.
40.00 Set temp. ¼ sec. cor.
80.06 Intersect W. bdy. of Tp. 24 lks. N. of the cor. of secs. 19. 24. 25. and 30.
Thence I run
N. 89° 38' E. on true line bet. secs. 19 and 30.

Chains

Ascend over chop-hills.
36.00 Top of ascent; descend.
40.06 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
¼ S.; on N. face.
56.00 Enter basin-like depression.
60.00 " swamp.
70.00 Leave "
73.20 Wire fence; bears NWS.; ascend.
80.06 The cor. of secs. 19. 20. 29. and 30.
Land, broken.
Soil, sandy; 3rd rate.

N. 0° 05' W. bet. secs. 19 and 20.
Ascend moderately.
3.20 Trail; bears NE and SW.
5.88 Wire fence; bears E. and W.
16.00 Top of sand peak 50 ft. above cor.; descend.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
¼ S. on W. face.
This cor. is at bottom of descent; ascend.
56.00 Top of ascent.
69.00 Begin descent.
80.00 Set an oak post 3 ft. long 4 ins. sq. with a charred stake 24 ins. in the ground for cor. of secs. 17. 18. 19. and 20. marked
T24NS 17. on NE.
R37W S 20. on SE.
S 19. on SW. and

Chains.

S 18. on NW. faces. with 5 notches on E. and 8 on S. edges: dig pits 18x18x12 ins. in each sec. 5½ ft. dist. and raise a mound of earth. 4 ft. base 2 ft. high. W. of cor.
Land. broken.
Soil. sandy; 3rd rate.

N. 89°50' E. on a random line bet. secs. 17 & 20.
40.00 Set temp. ¼ sec. cor.
80.04 Intersect N. and S. line 12 lks N. of the cor. of secs. 16. 17. 20. and 21.
Thence I run
S. 89°55' W. on true line bet. secs. 17 and 20.
Descend.
5.00 Enter neck of valley: bears E. & W.
18.00 Begin ascent.
36.22 Wire fence: bears N. 30° E. and reverse.
40.02 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth. 3½ ft. base 1½ ft. high. over deposit.
In E. pit. drive an oak stake 2 ft. long 2 ins sq. 12 ins. in the ground. marked
¼ S., on N. face.
65.00. Summit: descend NW. face of range.
80.04 The cor. of secs. 17. 18. 19. and 20.
Land broken prairie.
Soil. sandy; 3rd rate.

S. 89°38' W. on a random line bet. secs. 18 and 19.
40.00 Set temp. ¼ sec. cor.
79.86 Intersect W. bdy. of Tp. 4 lks. S. of the cor. of secs. 13. 18. 19. and 24.
Thence I run
N. 89°40' E. on true line bet. secs. 18 and 19.
Ascend moderately.
4.00 Top of ascent. W. & S.: descend along NE. slope.

Chains.
13.60 Trail, bears N. 70° W.
15.00 Enter bottom land.
24.00 Enter swamp.
39.86 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S., on N. face.
58.00 Leave swamp: enter meadow.
59.50 Enter plowed field, bears NE. & SW.
64.00 Leave " " ascend W. slope.
79.86 The cor. of secs. 17. 18. 19. and 20.
Land. level bottom, and rolling sand hills.
Soil. 1st and 3rd rates.

N. 0°05' W. bet. secs. 17 and 18.
Over rolling ground along W. slope.
5.00 Begin descent along NW. slope.
19.25 Trail: bears E. and N.; ascend gradually.
23.00 Top of ascent. 40 ft.: thence over rolling ground along top of low range.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base. 1½ ft. high. over deposit.
In S. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S., on W. face.
52.00 Begin descent along N. slope.
54.20 Wire fence. Course E. and W.
58.00 Enter plowed field: E & W.
63.40 Leave " " enter level wet valley.
80.00 Deposit a charred stake 12 ins. in the ground. for cor. of secs. 7. 8. 17. and 18.
dig pits 18x18x12 ins. in each sec. 4 ft. dist and raise a mound of earth. 4 ft. base, 2 ft. high, over deposit.

Chains

In S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
T24N S8. on NE.
R37W S17. on SE.
S18. on SW. and
S7, on NW. faces with 5 notches on E. and 4 on S. edges.
Land. broken.
Soil. 1st and 3rd rate. June 5, 1896.

N. 89°55' E. on a random line bet. secs. 8 & 17.
40.00 Set temp. 1/4 sec. cor.
80.08 Intersect N. and S. line 4 lks. S. of the cor. of secs 8. 9. 16. and 17.
Thence I run
S. 89°53' W. on true line bet. secs. 8. and 17.
Along N. slope of range, over ridges.
10.00 Begin descent along N. slope.
24.60 Wire fence; bears N. 50° E.
40.04 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor.: dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked 1/4 S.; on N. face.
45.40 Trail; bears S. 60° W.
50.00 Enter level wet valley.
80.08 The cor. of secs. 7. 8. 17. and 18.
Land. level, and rolling.
Soil. sandy: 1st and 3rd rate.

S. 89°40' W. on a random line bet. secs. 7 & 18.
40.00 Set temp. 1/4 sec. cor.
79.78 Intersect W. bdy. of Tp. 16 lks N. of the cor of secs. 7. 12. 13. and 18.
Thence I run.
N. 89°33' E. on true line bet. secs. 7 and 18.

Chains.

Ascend along SW. slope.
17.00 Top of ascent. 75 ft. above valley; descend over broken ground.
31.37 Wire fence; bears N. 30° E.
32.50 Trail " " enter level valley.
39.78 Deposit a charred stake 12 ins. in the ground. for 1/4 sec. cor.: dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked 1/4 S., on N. face.
79.78 The cor. of secs. 7. 8. 17. and 18.
Land. mostly level bottom.
Soil. 1st and 3rd rates.

N. 0°05' W. bet. secs. 7 and 8.
Over level wet valley.
19.40 Wire fence: bears E. and W.
34.15 Trail; bears N. 75° E.
35.15 Wire fence; bears N. 80° E.
36.00 Begin ascent along S. slope.
40.00 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base. 1½ ft. high. over deposit.
In S pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked 1/4 S., on N. face.
47.00 Top of ascent. 100 ft.
63.00 Descend along N. slope.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 5. 6. 7. and 8. dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high over deposit.
In S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked T24N S5, on NE.

Subdivision of T. 24 N. R. 37 W.

Chains.

R 37 W S 8. on SE.
S 7. on SW. and
S 6. on NW. faces. with 5 notches on S. and E. edges.
Land. level bottom, and sand hills.
Soil. sandy: 1st and 3rd rate.

N. 89°53' E. on a random line bet. secs. 5 and 8.
40.00 Set temp. ¼ sec. cor.
80.30 Intersect N. & S. line 12 lks. N. of the cor. of secs. 4. 5. 8. and 9.
Thence I run
S. 89°58' W. on true line bet. secs. 5 and 8.
Along top of range, over very broken ground
33.70 Wire fence: bears S. 70° W.
40.15 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base. 1½ ft. high. over deposit.
In E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S., on N. face.
Descend from bluff.
45.00 Bottom of descent: thence along N. slope over ridges and ravines.
80.30 The cor. of secs. 5. 6. 7. and 8.
Land. broken.
Soil. sandy: 3rd rate.

S. 89°33' W. on a random line bet. secs. 6 and 7.
40.00 Set temp. ¼ sec. cor.
79.66 Intersect W. bdy. of Tp. at the cor. of secs. 1. 6. 7. and 12.
Thence I run
N. 89°33' E. on true line bet. secs. 6 and 7.
Ascend gradually, along N. slope.
10.00 Top of ascent, 40 ft. above cor.: thence along N. slope, over low ridges and ravines.

Subdivision of T. 24 N. R. 37 W.

Chains.

39.66 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S., on N. face.
79.66 The cor. of secs. 5. 6. 7. and 8.
Land. broken.
Soil. sandy 3rd rate.

N. 0°05' W. bet. secs. 5 and 6.
Descend gradually, along N. slope.
17.15 Trail: bears E. and W.
18.00 Enter marsh: E. & W.
27.00 Leave " thence over foot-hills.
40.00 Deposit a charred stake 12 ins. in the ground. for ¼ sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth. 3½ ft. base 1½ ft. high over deposit.
In S. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S., on W. face.
68.00 Foot of bluff: ascend abruptly.
75.00 Top of ascent. 75 ft. above valley: thence over broken ground. along SE. face.
98.00 Top of range: 100 ft.
101.50 Intersect 6th Standard Parallel N. 89°42' W., 15.14 chs. dist. from the ¼ sec. cor. on S. bdy. sec. 33.
Deposit a charred stake 12 ins. in the ground. for closing cor. of secs. 5 and 6. dig pits 24x18x12 ins. crosswise on each line E. W. and S. of cor. 4 ft. dist. and raise a mound of earth. 4 ft. base 2 ft. high. over deposit.
In E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
C C T 24 N R 37 W. on S.
S 5. on E. and
S 6. on W. faces

Chains.

with 5 grooves on E. and 1 groove on W. faces.
Land, broken.
Soil, sandy: 1st and 3rd rate.

June 6, 1896

— General Description. —

The Tp. is very broken; consisting of a series of sand bluffs and ridges, from 50 to 200 ft. high.
The valleys between hills are subject to over flow of water, thereby producing a heavy growth of hay.
The soil is unfit for cultivation.
No timber of any description, the vegetation consisting of a sand, ~~w~~ bunch grass, which is very good for grazing purposes.

Willard W. Alt.
U. S. Surveyor.

June 6, 1896

Chains

(No. 58)

The T. C. claim of Hiram Greathouse: on secs. 25. 26. 35. and 36. Area 160 acres.

The S.E. cor. which is an old mound with signs of pits, I re-establish in its original position.
Deposit a charred stake 12 ins. in the ground, dig pits 18 x 18 x 12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
HG: on NW. face.
Thence I run
West, along S. bdy. of the claim.
Along N. slope, near bottom.
32.80 Enter plowed field: extending S. 2 chs.
40.00 Deposit a charred stake 12 ins. in the ground for SW. cor. of the claim: dig pits 18 x 18 x 12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base. 1½ ft. high. over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
HG: on NE. face.

North, along W. bdy. of the S. part of claim.
In plowed field: descend moderately.
16.20 Begin ascent.
18.40 Leave plowed field: extends W. about 3, & E. 7 chs.
20.00 Deposit a charred stake 12 ins. in the ground for NW. cor. of the S. part of claim: dig pits 18 x 18 x 12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base. 1½ ft. high. over deposit.
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
HG: on S.E. face.

East, along N. bdy. of the S. part of claim.
Descend along S.E. slope.

Chains.

6.00 Bottom of descent; enter level meadow.

20.00 Deposit a charred stake 12 ins. in the ground for Sw. cor. of the N. part of claim: dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit. In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

HG; on NE. face.

The E. bdy., as shown by Bryant Greathouse, bears N. 0° 57' E. thus adding 3 acres E. of a north & south line through the S.E. cor. By approximation I find that the N. part of claim should be made 38.55 chs. in length, in order to have the area correct. Therefore, from the Sw. cor. of N. part of the claim. I run

North, along W. bdy.

In level meadow.

13.00 To foot of range, NE. and Sw.; ascend abruptly.

38.55 Deposit a charred stake 12 ins. in the ground for nw. cor. of the claim: dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit. In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

HG; on SE. face.

This cor. bears N. 6° 57' W. 11.84 chs. dist. from the cor. of secs. 25. 26. 35. and 36. Lat. 11.57 N.; Dep. 1.49 chs. W.

East, along N. bdy.

Descend E. slope, over broken ground.

21.00 Set temp. cor.

From the S.E. cor. of the claim, I run

N. 0° 57' E. on a random line.

58.55 The temp. cor.; where I deposit a charred stake 12 ins. in the ground, for nw. cor. of the claim.

Chains.

dig pits 18x18x12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.

In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

HG; on SW. face.

Thence I run

S. 0° 57' W. on true line along E. bdy.

Descend.

4.00 Enter level valley: NE. and SW.

50.00 Leave valley; ascend moderately.

58.55 The S.E. cor. of the claim.

Land: level bottom, and rolling & broken sand hills.

Soil, 1st and 3rd rate.

June 8 1896.

(No. 51)

The Pre. claim of William Freer: on secs. 24 and 25. Area 160 acres.

The S.E. cor. of claim, which is a stake driven in the ground, near an angle of a wire fence, is re-established by deposit of charred stake 12 ins. in the ground: dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high, over deposit. In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

WF; on NW. face.

Thence I run

West, along S. bdy. of the claim.

Along foot of ridge bearing E. and W., over rolling ground.

20.00 Deposit a charred stake 12 ins. in the ground for NE. cor. of the S. part of the Pre. claim of Orange P. Warner, owned by William Freer: dig pits 18x18x12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.

In S. pit drive an oak stake 2 ft. long 2 ins.

Chains.

sq. 12 ins. in the ground, marked
WF: on SW. face

40.00 Deposit a charred stake 12 ins. in the ground for SW. cor. of the claim. and S.E. cor. of the N. part of Orange P. Warner's Pre. claim. owned by Wm Freer: dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high. over deposit.
In N. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
WF; on NE. and NW. faces.

North, bet. this claim, and the Orange P. Warner Pre. claim, owned by Wm Freer.
Descend moderately.

6.00 Enter valley.
32.25 Wire fence, along railroad.
33.77 Center of track, Burlington and Missouri River railroad: bears N. 82° 29' E. and reverse.
33.90 Telegraph line " "
35.34 Wire fence. " ascend S. face of range bearing E. and W.
35.60 Trail to Whitman. N. 80° E.
40.00 Deposit a charred stake 12 ins. in the ground for NW. cor. of this claim, and NE. cor. of the N. part of the Pre claim of Orange P. Warner, owned by Wm Freer, dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In S. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
WF; on SE. and SW. faces.

East, along N. bdy.
In hills.

21.35 Whitman trail.
28.72 Wire fence, along railroad.
32.00 Telegraph line.

Chains

33.63 Center of track, Burlington and Missouri River railroad, on concave side of curve.
34.70 Trail; crossing railroad.
35.67 Wire fence; along railroad: enter level bottom.
40.00 Deposit a charred stake 12 ins. in the ground for NE. cor. of the claim; dig pits 18x18x12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In S. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
WF; on SW. face.

South, along E. bdy.
In level meadow.

2.00 Enter swamp.
30.00 Leave " enter meadow.
40.00 The Beginning cor.
Land: mostly level bottom.
Soil, sandy; 1st and 3rd rate.

(No. 59) no number

The Pre. claim of Orange P. Warner; owned by William Freer; on secs. 24 and 25.
Area 160 acres.

From the cor. established on S. bdy. of Wm Freer's Pre. Claim. I run
South, along E. bdy. of the S. part of claim.
Ascend moderately, along N. slope.

20.00 Deposit a charred stake 12 ins. in the ground for SE. cor. of the claim: dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In N. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
WF; on NW. face.

Chains

West, along S. bdy.
Along top of ridge: bearing E. and W.
31.00 Summit: descend
40.00 Deposit a charred stake 12 ins. in the ground for Sw. cor. of the claim: dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
WF: on NE. face.

North, along W. bdy.
In hills: descend gradually.
8.00 Wire fence: bears N. 30° W.
20.00 Deposit a charred stake 12 ins. in the ground for E. cor. of Thomas L. Rider's T.C. claim: dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit.
In N. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
TLR: on NW. face.
29.00 Enter level valley: E. and W.
49.61 Wire fence along railroad.
51.13 Center of track, Burlington and Missouri River railroad: bears N. 82°29' E. and reverse.
51.25 Telegraph line " "
52.67 Wire fence " "
52.90 Trail: " " begin ascent.
60.00 Deposit a charred stake 12 ins. in the ground for NW. cor. of claim, and NE. cor. of Thomas L. Rider's T.C. claim: dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
WF: on SE. and
TLR: on SW. faces.

Chains.

East, along N. bdy. of claim.
In hills.
20.00 The NE. cor. of N. part of claim, and NW. cor. of Wm Frey's Pre. claim.
This cor. bears N. 8°50' W. 17.14 chs. dist. from the ¼ sec. cor. bet. secs. 24 and 25.
Lat. 16.93 N. : Dep. 2.63 chs. W.
Land: level bottom, and rolling sand hills.
Soil, 1st and 3rd rate.

(No. 50)

The T.C. claim of Thomas L. Rider: on secs. 23. 24. 25. and 26. Area 160 acres.

The E. bdy. and cors. at its extremities are described in the notes of survey of Orange P. Warner's Pre. claim, owned by William Frey. From the S.E. cor of the claim. I run
West, along S. bdy.
Along N. slope of ridge, near bottom.
20.00 Ascend abruptly 75 ft.: along NE. slope of ridge, bearing NW. and SE.
29.00 Summit: over rolling ground.
40.00 Deposit a charred stake 12 ins. in the ground for Sw. cor. of the claim: dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
TLR: on NE. face.

North, along W. bdy.
Descend along N. face of ridge.
20.00 Bottom of descent.
24.32 Wire fence, along railroad.
25.84 Center of track, Burlington and Missouri River railroad: bears N. 82°29' E. and reverse.
25.98 Telegraph line. " "
27.35 Wire fence. " "

Chains.

29.28 Trail: Whitman to Hyannis: E. and W.: ascend.

40.00 Deposit a charred stake 12 ins. in the ground for nw. cor. of the claim: dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit. In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

T L R: on S.E. face.

This cor. bears N. 45° 11' E. 24.50 chs. dist. from the cor. point for ¼ sec. cor. bet. secs. 23 & 26.

Lat. 17.27 N.: Dep. 17.38 chs. E.

East, along N. bdy. of claim.

Along S. slope of range, over broken ground.

40.00 The NE. cor. of the claim.

Land: level and rolling bottom, and broken hills.

Soil, 1st and 3rd rate.

June 8, 1896.

(No. 53)

The T. C. claim of William H. Greathouse, on secs. 29. 30. 31. and 32. Area 160 acres.

The point for SW. cor. is shown by Bryant Greathouse: Deposit a charred stake 12 ins. in the ground: dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit. In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

WHG: on NE. face.

Thence I run

North, along W. bdy. of the claim.

Descend moderately.

3.40 Trail: Whitman to Hyannis: S. 80° W.

3.78 Wire fence.

12.84 Wire fence along railroad.

13.88 Center of track, Burlington and Missouri River railroad: bears N. 71° 11' E. and reverse.

Chains.

13.93 Telegraph line: bears N. 71° 11' E.

14.51 Wire fence, [illegible]

21.63 Wire fence, along base of hills.

22.00 Begin abrupt ascent along S.E. face of bluff.

32.00 Top of ascent: 200 ft above track.

40.00 Deposit a charred stake 12 ins. in the ground for NW. cor. of the claim: dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit. In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

WHG: on SE. face.

East, along N. bdy.

Over broken ground.

12.00 Begin abrupt descent along S.E. slope.

18.00 Bottom of descent: enter meadow.

52.00 Wire fence: bears N. & S.

60.00 Deposit a charred stake 12 ins. in the ground for NE. cor. of the claim: dig pits 18x18x12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit. In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

WHG: on SW. face.

This cor. bears N. 65° 17' E. 15.02 chs. dist. from the cor. of secs. 29. 30. 31. and 32.

Lat. 6.28 N.: Dep. 13.65 chs. E.

South, along E. bdy.

Descend moderately.

4.22 Wire fence, along railroad.

5.46 Telegraph line: bears N. 71° 11' E.

5.75 Center of track, Burlington and Missouri River railroad: bears N. 71° 11' E. and reverse.

8.00 Enter marsh.

12.00 Leave "

15.00 Begin moderate ascent along NW. slope.

Chains

20.00 Deposit a charred stake 12 ins. in the ground for S.E. cor. of the E. part of claim: dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
WHG: on NW. face.

West along S. bdy. of the E. part of claim.
Gradual descent.
15.30 Trail: Hyannis to Whitman: bears N. 70° E.
15.60 Wire fence: bears S. 72° W.
38.22 " " along railroad.
40.00 Cor. falls on railroad right of way: deposit a charred stake 24 ins. in the ground, for SW. cor. of the E. part of claim.
S. 18° 49' E. 104 lks. dist., deposit a charred stake 12 ins. in the ground for witness cor.: dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high. over deposit.
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
WC WHG: on NE. face.

South, along E. bdy. of the N. part of claim.
Over rolling ground.
0.50 Wire fence: bears N. 71° 11' E.
12.00 Trail: Whitman - Hyannis: N. 80° E.
Ascend gradually.
20.00 Deposit a charred stake 12 ins. in the ground for S.E. cor. of the N. part of claim: dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
WHG: on NW. face.

Chains

West along S. bdy.
Descend gradually, over rolling ground.
20.00 The Beg. Cor.
Land: broken and rolling sand hills, and level bottom.
Soil. 1st and 3rd rate.

(No. 56)

The H.E. claim of Bryant Greathouse: on secs. 32 and 33. Area 160 acres.

The S.E. cor. of claim, also the SW. cor. of Charles Parkis T.C. claim, which is a nearly obliterated mound of earth. I renew at same point.
Deposit a charred stake 12 ins. in the ground dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In N. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
BG: on NW. and
CP: on NE. faces.

Thence I run
West. along S. bdy. of the claim.
Along N. slope of ridge. near bottom.
60.00 Deposit a charred stake 12 ins. in the ground for SW. cor. of the claim, and S.E. cor. of the N. part of the T.C. claim of Bryant Greathouse.
dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base. 1½ ft. high. over deposit.
In N. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
BG: on NE. and NW. faces.
This cor. bears N. 43° 20' W. 9.56 chs. dist. from the cor. of secs. 4. 5. 32. and 33.
Lat 6.95 N.; Dep. 6.56 chs. W.

North, bet. the H.E. and T.C. claims of Bryant Greathouse.

Chains.

0.75 Enter old plowed field: E. & W.
3.80 Leave " " enter meadow.
10.60 Leave meadow; enter plowed field.
20.00 Deposit a charred stake 12 ins. in the ground for cor. of the N.E. and T.C. claims of Bryant Greathouse: dig pits 18 x 18 x 12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
B G; on S.E. and S.W. faces.

East, along N. bdy. of the W. part of claim.
Along base of hills, over rolling ground.
1.00 Wire fence: bears N. and S.
40.00 Deposit a charred stake 12 ins. in the ground for N.E. cor. of the W. part of claim: dig pits 18 x 18 x 12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
B G: on S.W. face.

North, along W. bdy. of the E. part of claim.
In dry level bottom.
8.00 Begin abrupt ascent, along S. face of bluff.
14.00 Summit: and broken ground.
20.00 Deposit a charred stake 12 ins. in the ground for N.W. cor. of the E. part of claim: dig pits 18 x 18 x 12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins in the ground, marked
B G: on S.E. face.

Chains.

East, along N. bdy. of the E. part of claim.
On top of ridge, over broken ground.
20.00 Deposit a charred stake 12 ins. in the ground for N.E. cor. of the claim, and N.W. cor. of Charles Parke's T.C. claim: dig pits 18 x 18 x 12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
B G; on S.W. and
C P; on S.E. faces.

South, bet. this claim and the T.C. claim of Charles Parke.
Descend abruptly.
8.00 Foot of descent; enter bottom.
10.00 Trail: bears N. 80° E.
35.00 Begin moderate ascent over rolling ground.
40.00 The B.G. cor.
Land: rolling bottom, and broken sand hills.
Soil. 2nd and 3rd rate.

(No. 55)

The T.C. claim of Bryant Greathouse, on secs. 5 and 32. Ts. 23 and 24 N. Area 160 acres.

The E. bdy. of the N. part of claim is described in the notes of the survey of the N.E. claim of Bryant Greathouse.
From the S.E. cor. of the N. part of claim.
I run
West, along S. bdy. of the N. part of claim.
Descend moderately, over rolling ground.
15.00 Enter nearly level meadow.
20.00 Deposit a charred stake 12 ins. in the ground for N.E. cor. of the S. half of claim: dig pits 18 x 18 x 12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.

Chains

In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
B G: on Sw. face.

South, along E. bdy. of the S. part of claim.
In level meadow.
12.00 Ascend moderately.
20.00 Deposit a charred stake 12 ins. in the ground for S.E. cor. of the S. part of claim; dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
B G: on NW. face.

West, along S. bdy. of the S. part of claim.
Over rolling bottom.
40.00 Deposit a charred stake 12 ins. in the ground for Sw. cor. of the S. part of claim: dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
B G: on NE. face.

North, along W. bdy. of the S. part of claim.
Descend over rolling ground.
9.10 Trail: bears E. and W.
10.00 Ascend along S.E. slope.
19.00 Top of ascent.
20.00 Deposit a charred stake 12 ins. in the ground for NW. cor. of the S. part of claim: dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.

Chains.

In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
B G: on S.E. face.

East, along N. bdy. of the S. part of claim.
In hills.
8.00 Begin descent.
17.00 Bottom of descent: Enter valley.
20.00 Deposit a charred stake 12 ins. in the ground for Sw. cor. of the N. part of claim.
dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
B G: on NE. face.

North, along W. bdy. of the N. part of claim.
3.00 Foot of bluff: NE. and Sw.: ascend abruptly 75 ft.
20.00 Deposit a charred stake 12 ins. in the ground for NW. cor. of the N. part of claim: dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base. 1½ ft. high. over deposit.
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
B G: on S.E. face.

East, along N. bdy. of the N. part of claim.
In broken hills.
8.00 Begin descent along S.E. slope.
20.00 Enter rolling ground.
40.00 The NE. cor. of the N. part of claim.
Land: level and rolling bottom, and broken sand hills
Soil. 2nd and 3rd rate.

Chains. (No. 57)

The T.C. claim of Charles Parke, on secs. 33 and 34. Area 160 acres.

The W. bdy. of the claim is described in the notes of the survey of the H.E. claim of Bryant Greathouse.

From the Sw. cor. of the claim. I run East, along S. bdy.

Along N. slope; ascending gently.

7.00 W. edge of plowed field bears N. 4 chs. dist.

30.00 E. " " " " " " "

40.00 Deposit a charred stake 12 ins. in the ground for S.E. cor. of the claim: dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit. In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

CP: on NW. face.

North, along E. bdy.

Descend along NW. slope.

27.00 Bottom of descent, enter rolling land.

40.00 Set temp. NE. cor. of the claim.

From the NW. cor. of the claim. I run East along N. bdy. of the claim.

Along S. face of range, over broken ground.

3.00 Begin descent along S.E. slope.

11.00 Enter level valley.

40.00 The temp. NE. cor. where I deposit a charred stake 12 ins. in the ground: dig pits 18x18x12 ins S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit. In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

CP: on SW. face.

This cor. bears N. 64° 20' E. 15.09 chs. dist. from the ¼ sec. cor. bet. secs. 33 and 34. Lat. 6.30 N.; Dep. 13.71 chs E.

Land: level bottom; and broken hills. Soil, sandy; 1st & 3rd rate.

Chains. (No. 54)

The H.E. claim of Margaret E. Hayhurst on secs. 28, 29, and 32. Area 160 acres.

There being no existing original cors. of this claim, the S.E. cor. of the S. part of claim is established at a point selected by George B. Moran.

Deposit a charred stake 12 ins. in the ground dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.

In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked

MEH: on NW. face.

This cor. bears S. 84° 03' W. 8.04 chs. dist from the cor. of secs. 28, 29, 32, and 33.

Lat. 83 lks. S.; Dep. 8.00 chs. W.

Thence I run

West, along S. bdy. of the S. part of claim.

Over rolling ground, along N. slope.

40.00 Deposit a charred stake 12 ins. in the ground for SW. cor. of the S. part of claim: dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.

In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked

MEH: on NE. face.

North, on W. bdy. of the S. part of claim.

In level meadow.

5.60 Pass fence along railroad. ascend.

7.44 Center of track, Burlington and Missouri River railroad: on convex side of curve.

8.24 Telegraph line, along railroad.

9.30 Pass fence along railroad.

20.00 Deposit a charred stake 12 ins. in the ground for NW. cor. of the S. part of claim: dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound

Chains.

of earth 3½ ft. base 1½ ft. high, over deposit.
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
M E H: on S.E. face.

East, along N. bdy. of the S. part of claim.
Ascend over broken ground.
3.00 Summit.
4.00 Begin abrupt descent of 50 ft.
11.00 Bottom of descent: enter level bottom.
20.00 Deposit a charred stake 12 ins. in the ground for SW. cor. of the N. part of claim: dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
M E H: on N.E. face.

North, along W. bdy. of the N. part of claim.
In wet meadow.
16.00 Leave meadow: ascend abruptly along S.E. slope.
20.00 Deposit a charred stake 12 ins. in the ground for NW. cor. of the N. part of claim: dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
M E H: on S.E. face.

East, along N. bdy. of the N. part of claim.
Descend moderately, along S.E. slope.
6.00 Enter level meadow, and swamp.
36.00 Leave swamp; ascend moderately.
40.00 Point for NE. cor. falls on railroad right-of-way.
Deposit a charred stake 24 ins. in the ground for NE. cor. of the N. part of claim.

Chains.

N. 26° W. 130 lks. dist. deposit a charred stake 12 ins. in the ground, for witness cor.: dig pits 18x18x12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
W C M E H: on SW. face.

South, along E. bdy. of the N. part of claim.
Ascend.
0.22 Center of track, Burlington and Missouri River railroad, on convex side of curve.
1.91 Pass fence along railroad.
2.20 Trail to Whitman: bears N. 80° E.
20.00 Deposit a charred stake 12 ins. in the ground for SE. cor. of the N. part of claim: dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
M E H: on NW. face.

West, along S. bdy. of the N. part of claim.
Descend NW. slope of ridge.
11.35 Trail to Whitman: bears NE. and SW.
16.00 Enter level bottom.
19.00 Enter swamp.
20.00 Deposit a charred stake 12 ins. in the ground for NE. cor. of the S. part of claim: dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
M E H: on SW. face

Chains.

South, along E. bdy. of the S. part of claim.
In swamp.
1.00 Leave " enter level bottom.
12.00 Trail to Whitman; bears E. and W.; ascend
20.00 The Beg. cor.
Land: marsh, level bottom, and rolling ground
Soil, 1st and 3rd rate

June 9, 1896.

(No. 48)

The H.C. claim of Benamia J. Collins, on secs. 13, 14, 23, and 24. Area 160 acres.

An iron stake 1 in. in diameter, driven in the ground flush with the surface, is represented by Benamia J. Collins, to be the old cor. of secs. 14, 15, 22, and 23.
From this point I run
East, along N. bdy. of claim.
Along S. face of ridge.
18.00 Foot of abrupt descent.
22.00 Enter level meadow.
32.00 " swamp.
49.00 Swamp becomes impassable, therefore 11 chs. W. of the point for NE. cor. of the claim, which falls in a large pond, or shallow lake; I deposit a charred stake 12 ins. in the ground for witness cor.: dig pits 18x18x12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
WC BJC; on SW face.

From the point of beginning I run
West, on N. bdy.
Along S. face of ridge.
20.00 Deposit a charred stake 12 ins. in the ground for NW.

Chains.

cor. of the claim: dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
B & C; on S.E. face.

South, along W. bdy.
Descend.
8.00 Bottom of descent; enter level meadow; E & W.
20.00 Deposit a charred stake 12 ins. in the ground for SW. cor. of the claim: dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
B & C; on NE. face.
This cor. bears S. 72° 30' E. 3.58 chs. dist. from the cor. of secs. 14, 15, 22, and 23.
Lat. 1.05 S.; Dep. 3.42 chs. E.

East, bet. the H.C. and Ore. claims of B. J. Collins.
In wet meadow.
40.00 Enter swamp.
60.00 Deposit a charred stake 12 ins. in the ground for NE. cor. of Benamia J. Collins' Pre. claim.
dig pits 18x18x12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
B & C; on SW. face.
62.00 Swamp becomes impassable; therefore at a point 18 chs. N. of the S.E. cor. point which falls in small lake. I deposit a charred stake 12 ins. in the ground for witness cor. to the H.C. cor. of the claim: dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½

Chains.

ft. high over deposit.
In N. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
W.C. B.J.C.; on NW. face.
Land, chiefly swamp, and wet meadow.
Soil, sandy; 1st and 3rd rate.

(No. 49)

The Pre. claim of Albert N. Clark, owned by Benamia J. Collins: on secs. 22 and 23.
Area 160 acres.

From the NE. cor. of the claim, which is described in the notes of the survey of B.J. Collins H.E. claim I run
South, along E. bdy of the claim.
In swamp.
5.00 Leave swamp. E+W.
10.00 Begin moderate ascent.
20.00 Deposit a charred stake 12 ins. in the ground for SE. cor. of the claim; dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth. 3½ ft. base. 1½ ft. high. over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
BJC: on NW. face.

West along S. bdy.
Along N. slope of range, over rolling ground.
80.00 Deposit a charred stake 12 ins. in the ground for SW. cor. of the claim; dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
BJC: on NE. face.

Chains.

North, along W. bdy.
Descend.
7.00 Foot of descent; enter bottom.
20.00 Deposit a charred stake 12 ins. in the ground for NW. cor. of the claim; dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high. over deposit.
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
BJC: on SE. face.
This cor. bears S. 86°21' W. 16.61 chs. dist. from the cor. of secs. 14. 15. 22. and 23.
Lat. 1.05 S.; Dep. 16.58 chs. W.

East, along N. bdy.
In level meadow.
20.00 The SW. cor. of Benamia J. Collins' H.E. claim.
Land: level bottom, and rolling ground.
Soil, 1st and 3rd rate.

June 10, 1896.

(No. 47)

The T.C. claim of John H. Cowles, on secs. 18. and 19. Area 160.54 acres.

Claim is marked by a stake at NE. cor. where I deposit a charred stake 12 ins. in the ground: dig pits 18x18x12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base. 1½ ft. high, over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
JHC: on SW. face.
Thence I run
South, along E. bdy.
Through dry bed of slough.
9.00 Leave slough; ascend along NW. slope.
11.60 Enter plowed field, bearing N. 40° E.

Chains.

15.50 Leave plowed field.

35.00 Top of ascent, 50 ft.: descend over broken ground, along W. slope.

40.00 Deposit a charred stake 12 ins. in the ground for S.E. cor. of the claim: dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit. In N. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked J+C: on NW. face.

West, along S. bdy. of the E. part of claim.
Descend over broken ground.

12.00 Enter rolling valley: N. and S.

20.00 Deposit a charred stake 12 ins. in the ground for SW. cor. of the E. part of claim: dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit. In N. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked J+C: on NE. face.

North, along W. bdy. of the E. part of claim.
Over nearly level ground.

19.00 Enter dry bed of cane slough

20.00 Deposit a charred stake 12 ins. in the ground for SE. cor. of the W. part of claim: dig pits 18x18x12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In S. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked J+C: on NW. face.

The W. part of claim contains 80.54 acres, consequently 80.54 sq. chs. divided by 2 gives 40.27 chs. for the length. Therefore, from the S.E. cor. of the W. part of claim, I run
West, along S. bdy.

Chains.

Through S. edge of slough.

18.00 Leave marsh: enter valley: N. 70° W.

25.00 Begin gentle ascent, along N. slope.

40.27 Set temp. Cor.

From the NE. cor. of the claim, I run
West, along N. bdy.
Over level land.

20.40 Trail: bears NE. and SW.

33.00 Foot of range: N. 65° E.

35.50 Top of ascent, 50 ft.: thence along S. face of low ridge, over rolling ground.

60.27 Deposit a charred stake 12 ins. in the ground for NW. cor. of the claim: dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit. In E. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked J+C: on SE. face.

South, along W. bdy.
Descend along S. slope.

6.80 Trail: E. and W. at bottom of descent: enter level land.

16.00 Ascend gradually, along N. slope.

20.00 The temp. cor.: where I deposit a charred stake 12 ins. in the ground, for SW. cor. of the W. part of claim: dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In N. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked J+C: on NE. face.

This cor. bears S. 70°15' E. 48.3 chs. from cor. of secs. 13, 18, 19, and 24, T. 24 N., R. 37 and 38 W.
Lat. 1.63 S.; Dep. 4.55 chs. E.
Land: level bottom, and rolling sand hills.
Soil, 1st and 3rd rate.

June 11, 1896.

Chains

No Number

(No. 43)

The T.C. claim of Mattie J. Sharp, on secs. 5 and 6. Area 160.59 acres.

At the NW. cor. point, as pointed out to me by William C. Sharp, I deposit a charred stake 12 ins. in the ground: dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In E. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
MJS: on S.E. face.
Thence I run
South, along W. bdy.
Over level land.
7.00 Enter dry bed of slough: E. and W.
20.00 Deposit a charred stake 12 ins. in the ground for Sec. cor. of the claim: dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In N. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
MJS: on NE. face.

East, along S. bdy.
Through dry bed of cane slough.
64.00 Leave slough: enter rolling land.
67.00 Trail: bears N. 80° E. and reverse: ascend gently along N. slope.
74.20 Trail: bears N. and S.
80.29½ Set temp. cor.

From the NW. cor. I run
East, along N. bdy. of the claim.
Over level land.
46.00 Ascend over low foot hills, along N. slope.
80.29½ Deposit a charred stake 12 ins. in the ground for NE. cor. of the claim: dig pits 18x18x12 ins.

Chains.

S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In S. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
MJS: on Sw. face.

South, along E. bdy.
Descend along S. slope.
4.00 Bottom of descent, in neck of valley.
13.80 Trail: bears N. 80° E.: ascend very gradually.
20.00 The temp. cor.: where I deposit a charred stake 12 ins. in the ground, for SE. cor. of the claim. dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In N. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
MJS: on NW. face.
The NW. cor. of the claim bears N. 83° 45' E. 27.57 chs. dist. from the ¼ sec. cor. bet. secs. 1 & 6; T.s 37 & 38 N.
Lat. 3.00 N.: Dep. 27.40 chs. E.
Land, level bottom, and rolling hills.
Soil, sandy: 1st and 3rd rate.

(No. 44)

The H.E. claim of Clarence Pembleton; owned by William H. Plumer, on secs. 7 and 8. Area 162.27 acres.

The claim is marked by a stake in flat mound which is represented to be the old cor. of secs. 7, 12, 13, and 18: therefore, at a point 20 chs. N. of this old cor. I deposit a marked stone 12 ins. in the ground, for NW. cor. of the claim. dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In E. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
WHP: on NE. face.

Chains.

Thence I run
South, along W. bdy. of the claim.
Over rolling ground along top of range.
10.00 Begin descent over broken ground, along S.E. face.
20.00 The old cor. secs. 7. 12. 13. and 18.
37.00 Descend from bluffs, or peaks.
40.00 Deposit a marked stone 12 ins. in the ground for S.W. cor. of the claim: dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth, 3½ ft. base. 1½ ft. high. over deposit.
In N. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
W+P: on NE. face.

The W. part of the claim is 40 chs. N. and S. and contains 82.27 acres.: consequently, 822.7 sq. chs. divided by 40, is 20.57 chs. for the width.
East along S. bdy. of the W. part of claim.
Descend along E. slope.
2.22 Wire fence: bears N. 20° E.
3.05 Trail, " " enter wet valley.
20.57 Deposit a charred stake 12 ins. in the ground for S.E. cor. of the W. part of claim: dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high. over deposit.
In N. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
W+P; on NW. face.
This cor. bears N. 83° 35' E. 10.25 chs. dist. from the ¼ sec. cor. bet. secs. 7 and 18.
Lat. 1.15 N.: Dep. 10.18 chs. E.

North, along E. bdy. of the W. part of claim.
Over level ground.
20.00 Deposit a charred stake 12 ins. in the ground for SW. cor. of the E. part of claim, and NW. cor. of

Chains.

George H. Richmond's T.C. claim: dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
W+P: on NE. and
G+R: on SE. faces.

East bet. this claim and the T.C. claim of George H. Richmond.
Over level valley land.
40.00 Set temp. cor.

From the NW. cor. of the claim, I run
East, along N. bdy.
Over broken ground. along top of range.
10.00 Begin descent, along S. face. over very broken ground.
45.00 Begin descent along S.E. slope.
54.00 Wire fence: N.T.S.: thence over rolling ground. along S. slope.
60.57 Deposit a marked stone 12 ins. in the ground for NE. cor. of claim; and NW. cor. of A.J. Plumer's Pl. claim: dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base. 1½ ft. high. over deposit.
In S. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
W+P: on SW. and
AJP: on NE. faces.
This cor. bears N. 85° 25' E. 10.32 chs. dist. from the ¼ sec. cor. bet. secs. 7 and 8.
Lat. 82 links N.: Dep. 10.28 chs. E.

South, bet. this claim, and the Pl. claim of A.J. Plumer.

Chains.

Descend gradually, along S. slope.
4.66 Wire fence: bears S. 80° W.
5.70 Trail: bears E. and W.; enter wet valley.
20.00 The temp. cor.; where I deposit a charred stake 12 ins. in the ground for S.E. cor. of E. part of claim, and N.E. cor. of the T.C. claim of George H. Richmond; dig pits 18 x 18 x 12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
WHP: on NW. and
GHR: on SW. faces.
Land, level bottom, and broken hills.
Soil, sandy: 1st and 3rd rate.

(No. 46)

The T.C. claim of George H. Richmond, on secs. 7. 8. 17. and 18. Area 160 acres.

The N. bdy. is described in the notes of the survey of William H. Plumer's N.E. claim.
From the NW. cor. I run
South, along W. bdy. of the claim.
Over wet bottom land.
20.00 The SW. cor. of the E. part of W. H. Plumer's N.E. claim.
31.00 Leave wet land; enter rolling ground.
40.00 Deposit a piece of coal 12 ins. in the ground for SW. cor. of the claim: dig pits 18 x 18 x 12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins sq. 12 ins. in the ground, marked
GHR: on NE. face.
This cor. bears S. 28°23' E. 20.94 chs. dist. from the ¼ sec. cor. bet. secs. 7 and 18.
Lat. 18.85 S.; Dep. 10.18 chs. E.

Chains.

East, along S. bdy.
Over rolling ground along S. edge of valley.
14.21 Enter plowed field.
34.60 Leave " " ascend gently, along W. slope.
40.00 Set temp. cor.

From the NE. cor. of the claim. I run
South, bet. this claim, and the Pre. claim of Andrew J. Plumer.
Over wet valley.
20.00 Deposit a marked stone 12 ins. in the ground for SW. cor. of the W. part of Andrew J. Plumer's Pre. claim: dig pits 18 x 18 x 12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
AJP: on NE. face.
26.00 Ascend gradually along NW. slope.
26.50 Trail: bears N. 70° E.
40.00 The temp. cor.; where I deposit a marked stone 12 ins. in the ground for S.E. cor. of the claim: dig pits 18 x 18 x 12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
GHR: on NW. face.
Land, level bottom, and rolling sand hills.
Soil, 1st and 3rd rate.

(No. 45)

The Pre. claim of George H. Eickhorst, owned by Andrew J. Plumer: on Sec. 8.
Area 160 acres.

The W. bdy. of claim, is described in the notes

Chains.

of the survey of the N.E. claim of William J. Plumer. and the T.C. claim of G. H. Richmond. From the Sw. cor. of the claim. I run East, along S. bdy. of the W. part of claim. Over wet valley.

19.50 Leave valley: bears NE. and SW.

20.00 Deposit a marked stone 12 ins. in the ground for S.E. cor. of the W. part of claim: dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
AJP: on NW. face.
This cor. bears N. 85° 37' W. 10 chs. dist. from the ¼ sec. cor. bet. secs. 8. and 17.
Lat. 76 lks. N.: Dep. 9.97 chs. W.

North, along E. bdy. of the W. part of claim. In level meadow.

20.00 Deposit a marked stone 12 ins. in the ground for SW. cor. of the E. part of claim: dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
AJP: on NE. face.
James White's house bears N. 40½ E.

East, along S. bdy. of the E. part of claim. In level meadow.

31.00 Leave meadow: ascend gently along NW. slope.

40.00 Set temp. cor.

Chains.

From the NW. cor. of the claim. I run East, along N. bdy.
Descend gradually along S. slope.

15.00 Bottom of descent: thence over rolling ground along N. edge of valley.

19.30 Wire fence: bears S. 76° W.

50.00 Enter wet valley.

60.00 Deposit a marked stone 12 ins. in the ground for NE. cor. of the claim: dig pits 18x18x12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high. over deposit.
In S. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
AJP: on SW. face.

South, along E. bdy.
Over level land.

10.00 Leave valley: ascend gently, over rolling ground.

20.00 The temp. cor. where I deposit a marked stone. 12 ins. in the ground for S.E. cor. of the E. part of claim: dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
AJP: on NW. face.
Land: mostly level bottom.
Soil, 1st and 3rd rate

June 12, 1896.

(No. 38)

The N.E. claim of James Monahan; in secs. 4 and 5. Area 151.20 acres.

The old closing cor. of secs. 4 and 5, which is a stake in mound, is pointed out as the middle point on N. bdy. of the claim.

Chains.

Therefore at a point N. 89°43' W. 40 chs. dist. from this old cor. I deposit a charred stake 12 ins. in the ground for NW. cor. of the claim: dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
J M; on SE. face.
Thence I run
S. 89°43' E. along N. bdy. of claim.
Over level land.

10.25 The closing cor. of secs. 4 and 5.
26.17 The ¼ sec. Cor. on S. bdy. sec 34. T25N., R37W.
40.00 The old closing cor. secs. 4 and 5.
66.73 The standard cor. secs. 34 and 35. T25N., R37W.
Thence
S. 89°37' E. along 6th Standard, and N. bdy. of claim.
80.00 (counting from NW. cor. of claim) I deposit a charred stake 12 ins. in the ground for NE. cor. of the claim, and NW. cor. of James Monahan's Ore Claim: dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
J M: on SE. and SW. faces.

The Lat. of N. bdy. is 40 chs.: Sep. 80 chs. consequently, 1512.0 sq. chs. divided by 80. gives 18.90 chs. for the mean width of claim. and 18.90 plus .20 is 19.10 chs. the length of W. bdy. and 18.90 minus .20 is 18.70 chs " " " E. bdy.

From the NW. cor. of the claim. I run
South, along W. bdy.
Over level meadow land.

6.00 Begin gradual ascent along N. slope.
19.10 Deposit a charred stake 12 ins. in the ground for SW. cor. of the claim: dig pits 18x18x12 ins.

Chains.

N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
J M; on NE. face.

From the NE. cor. of the claim. I run
South, along E. bdy.
Over rolling bottom land.

18.70 Deposit a charred stake 12 ins. in the ground for SE. cor. of the claim: dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In N. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
J M; on NW. face.

West, on a random line.

80.00 Intersect N. & S. line at SW. cor. of the claim.
Thence I run
East, on true line, along S. bdy.
Over ridges, along N. slope of range.
34.00 Begin descent along NE. slope.
55.00 Bottom of descent: enter S. edge of valley.
61.00 Monahan's house bears N.
80.00 The SE. cor. of the claim.
Land, mostly level bottom.
Soil, sandy: 1st and 3rd rate.

(No. 39)

The Ore claim of James Medeans: owned by James Monahan, on secs. 3 and 4.
Area 157.22 acres.

From the NW. cor. of the claim: described in the notes of the survey of James Monahan's NE. claim. I run

Chains

S. 89° 37' E. along 6th Standard, and N. bdy. of claim.
Over rolling ground, along N. edge of valley.
10.27 The closing cor. of secs. 3 and 4.
26.82 The ¼ sec. cor. on S. bdy. sec. 35, T. 25 N., R. 37 W.
40.00 Deposit a charred stake 12 ins. in the ground for N.E. cor. of the claim; dig pits 18x18x12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit. In S. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
J M; on S.W. face.

The lat. of N. bdy. is 27 lks.; Dep. 40 chs. consequently, 1572.2 sq. chs. divided by 40. gives 39.30½ chs. for mean width of claim.
39.30½ plus 13½ is 39.44 chs. the length of W. bdy. and
39.30½ minus 13½ is 39.17 chs. " " E. bdy.

From the N.E. cor. of the claim, I run
South, along E. bdy.
Over rolling foot hills.
6.00 Enter valley.
14.00 " swamp, E. and W.
19.17 Deposit a charred stake 12 ins. in the ground for N.W. cor. of the T. C. claim of Carlos Mann; his representative claiming this point for cor. dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In E. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
C M; on S.E. face.
27.00 Leave swamp; thence over rolling valley.
39.17 Deposit a charred stake 12 ins. in the ground for S.E. cor. of the claim; dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
J M; on N.W. face.

Chains.

From the N.W. cor. of the claim, I run
South, along W. bdy.
Over rolling valley.
18.70 The S.E. cor. Jas. Monahan's N.E. claim.
21.00 Leave valley; ascend.
27.00 Top of ascent, 30 ft.; thence over low broken foot hills.
39.44 Deposit a charred stake 12 ins. in the ground for S.W. cor. of the claim; dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
J M; on N.E. face.

East, along S. bdy. of claim
Over broken foot hills.
13.00 Begin descent.
18.00 Enter neck of valley.
26.00 Leave valley; ascend over low hills.
33.00 Top of ascent, 30 ft.; descend.
38.00 Enter rolling land.
40.00 The S.E. cor. of the claim.
Land, level bottom, and rolling hills.
Soil, sandy; 1st and 3rd rate.

No. 40

The T. C. claim of Carlos Mann, on sec. 3
Area 160 acres.

From the N.W. cor. of claim, which I established on the E. bdy. of James Monahan's N.E. claim, I run
South, along W. bdy.
In swamp.
8.00 Leave " enter rolling valley.
20.00 The S.E. cor. of James Monahan's N.E. claim.
Ascend over rolling ground.
33.00 Top of ascent, on low bluff or ridge; descend.
36.00 Enter level land. E. & W.

Chains.

40.00 Deposit a marked stone 12 ins. in the ground for SW. cor. of the claim: dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit. In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
CM: on NE. face.

East, along S. bdy.
Over level land.
39.19 Wire fence: runs S. from a point 50 lks. N. of line.
40.00 Deposit a charred stake 12 ins. in the ground for SE. cor. of the claim, and SW. cor. of the Pre. claim of Christopher Abbott: dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high. over deposit. In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
CM: on NW. and
CA: on NE. faces.
This cor. bears N. 89° 40' W. 10.37 chs. dist from the ¼ sec. cor. bet. secs. 2 and 3.
Lat. 6 lks. N.: Dep. 10.37 chs. W.

North, bet. this claim, and the Pre. claim of Christopher Abbott.
Over rolling valley.
0.50 Wire fence: N.E.
23.00 Begin ascent along S. slope.
40.00 Set temp. cor.

From the NW. cor. of the claim. I run
East, along N. bdy.
In marsh.
3.00 Leave " : enter rolling ground
11.00 Begin ascent along SW. slope.
16.00 Top of bluff. 50 ft.: ascend along SW. face.

Chains.

40.00 The temp. cor.: where I deposit a charred stake 12 ins. in the ground for NE. cor. of claim, and NW. cor. of Christopher Abbott's Pre. claim. dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
CA: on SE. and
CM: on SW. faces.
Land: level bottom and low sand hills.
Soil, 1st and 3rd rate.

(No. 41)

The Pre claim of Gustafson; owned by Christopher Abbott: on secs. 2 and 3.
Area 160 acres.

The W. bdy. of the claim is described in the notes of survey of Carlos Mann's T.C. claim.
From the SW. cor. of the claim. I run
East, along S. bdy.
Over rolling land.
6.00 Begin ascent along NW. slope of low foot-hills.
14.30 Wire fence: bears N. 85° W.
24.00 Top of ascent: thence along N. slope.
36.00 Begin descent along NE. slope.
38.70 Wire fence: runs N. from a point 1.50 chs. S. of line.
40.00 Deposit a charred stake 12 ins. in the ground for SE. cor. of the claim: dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit. In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
CA: on NW. face.

North, along E. bdy. of the claim.
Descend over rolling ground.

Chains.

0.90 Trail; bears N. 80° W.
8.00 Enter wet valley; E. & W.
35.00 Begin gentle ascent along SW. slope.
40.00 Set temp. cor.

From the NW. cor. of the claim. I run
East along N. bdy.
Ascend along S. face.
4.00 Top of range; 100 ft: descend along SE. slope.
13.00 Bottom of descent in valley.
35.00 Leave valley; ascend gently.
38.82 Wire fence; N. and S.
40.00 The temp. cor. where I deposit a charred stake 12 ins. in the ground, for NE. cor. of the claim. dig pits 18x18x12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In S. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
CA: on SW. face.
Land; level bottom, and rolling and broken hills.
Soil, sandy; 1st and 3rd rate.
June 13, 1896.

(No. 52)

One claim of George W. Collins; owned by Bryant Greathouse, on secs. 26 and 27.
Area 160 acres.

From the NE. cor. of the N. part of claim, which is a flat mound, with pits, I run
West, along N. bdy. of the N. part of claim.
Over level ground.
9.30 Trail to Hyannis; N. 75° E.
13.00 Bryant Greathouse's frame house bears S. 1 ch. dist.
17.00 " " Barn " S. 1.50 chs.
18.00 Begin abrupt ascent along SE. slope.
20.00 Deposit a charred stake 12 ins. in the ground for NW. cor. of the N. part of claim: dig pits 18x18x12

Chains.

ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
BG: on SE. face.

South, along W. bdy. of the N. part of claim.
Descend abruptly.
4.00 Bottom of descent.
6.35 Trail; Whitman to Hyannis; bears N. 80° E.: enter valley.
18.41 Wire fence; parallel to railroad.
18.60 Telegraph line " "
18.70 Center of track, Burlington and Missouri River railroad; bears N. 70° 22' E. and remove.
19.05 Wire fence, " "
20.00 Deposit a charred stake 12 ins. in the ground for SW. cor. of the N. part of claim; dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In N. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
BG: on NE. face.

West, along N. bdy. of the S. part of claim.
Over level valley land.
2.55 Wire fence; along railroad.
3.64 Center of track, Burlington and Missouri River railroad; bears N. 70° 22' E. and remove.
4.00 Telegraph line " "
5.75 Wire fence, " "
13.15 Trail to Hyannis; bears S. 10° W.: thence over rolling ground.
20.00 Deposit a charred stake 12 ins. in the ground for NW. cor. of the S. part of claim: dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.

Chains

In E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
B G; on SE. face.

South, along W. bdy. of the S. part of claim.
Over nearly level ground.
4.90 Trail. to Hydnnis. along railroad.
5.03 Wire fence, along railroad.
5.70 Telegraph line " "
5.82 Center of track, Burlington and Missouri River railroad; bears N. 70°22' E. and reverse.
6.62 Wire fence. "
12.00 Begin ascent, over foot hills.
19.00 Top of ascent, 30 ft.
20.00 Set temp. cor.

From the Beg. cor. I run
South, along E. bdy. of the N. part of claim.
Over wet bottom.
11.42 Wire fence, along railroad.
11.46 Telegraph line " "
11.60 Center of track, Burlington and Missouri River railroad: bears N. 70°22' E. and reverse.
11.82 Wire fence " "
20.00 Deposit a charred stake 12 ins. in the ground for S.E. cor. of the N. part of claim: dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base. 1½ ft. high. over deposit.
In N. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
B G; on NW. face.

East, along N. bdy. of the S. part of claim.
Over level wet valley.
20.00 Deposit a charred stake 12 ins. in the ground for N.E. cor. of the S. part of claim: dig pits 18x18x12 ins. S. and W. of cor. 4 ft. dist. and raise

Chains

a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In S. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
B G; on SW. face.

South, along E. bdy. of the S. part of claim.
Over level land.
13.00 Begin ascent along NW. slope.
19.00 Top of ascent; 40 ft.
20.00 Deposit a charred stake 12 ins. in the ground for S.E. cor. of the S. part of claim: dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base. 1½ ft. high. over deposit.
In N. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
B G; on NW. face
This cor. bears S. 75°45' E. 3.98 chs. dist. from the ¼ sec. cor. bet. secs. 26 and 27.
Lat. 9.8 lks. S. Dep. 3.86 chs. E.

West. along S. bdy.
Along N. slope of low foot hills.
3.00 Begin descent along NW. slope.
16.00 Enter neck of valley.
42.00 Begin ascent along NE. slope.
58.00 Top of ascent on N. face of foot hills
60.00 The temp. cor. where I deposit a charred stake 12 ins. in the ground. for SW. cor. of the S. part of claim: dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In N. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
B G; on NE. face.
Land: mostly level bottom.
Soil, sandy; 1st and 3rd rate.

June 15, 1896.

Chains

(No. 42)

The H.E. claim of Clarence K. Smith, on sec. 1. Area 160 acres.

The Sw. cor. of the N. half of claim I re-establish at the point shown by C.K. Smith. Deposit a charred stake 12 ins. in the ground dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.

In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

CKS: on NE. face

This cor. bears N. 15° 09' E. 18.66 chs. dist. from the ¼ sec. cor. bet. secs. 1 and 2.

Lat. 18.01 N.; Dep. 4.88 chs. E.

Thence I run

North, along W. bdy. of the N. half of claim. Over level valley.

10.00 Leave valley; ascend abruptly along SE. face of bluff.

17.00 Top of ascent on bluff 150 ft. high.

20.00 Deposit a charred stake 12 ins. in the ground for NW. cor. of the N. half of claim: dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.

In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

CKS: on SE. face.

East, along N. bdy. of the N. half of claim.

5.00 Begin abrupt descent along SE. slope.

27.00 Bottom of descent: enter valley.

30.00 Enter swamp.

40.00 Deposit a charred stake 12 ins. in the ground for NE. cor. of the N. part of claim: dig pits 18x18x12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit

Chains

In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

CKS: on SW. face.

South, along E. bdy. of the N. half of claim. In swamp.

20.00 Deposit a charred stake 12 ins. in the ground for SE. cor. of the N. half of claim; dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.

In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

CKS: on NW. face.

From the Beg. cor. I run

East, along S. bdy. of the N. half of claim. In wet bottom land.

20.00 Deposit a charred stake 12 ins. in the ground for NW. cor. of the S. part of claim; dig pits 18x18x12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.

In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

CKS: on SE. face.

South, along W. bdy. of the S. half of claim. In wet bottom land.

9.50 Leave " "

11.00 Trail; bears E&W.: ascend along N. slope of range

20.00 Deposit a charred stake 12 ins. in the ground for SW. cor. of the S. half of claim: dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.

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Claim lines of T. 24 N., R. 37 W.

Chains.

In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
CRS 1 on N. face.

East. along S. bdy. of the S. half of claim.
Descend gradually, along N. slope of range.
39.50 Trail; bears S. 80° E.
40.00 Deposit a charred stake 12 ins. in the ground for S.E. cor. of the S. half of claim; dig pits 18 x 18 x 12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In N. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
CRS 1 on NW. face.

North, along E. bdy. of the S. half of claim.
In level bottom.
4.00 The margin of an impassable swamp.
Deposit a charred stake 12 ins. in the ground for witness cor. to the NE. cor. of the S. half of claim which falls in a large pond: dig pits 18 x 18 x 12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
WC CRS 1 on SW. face.
The balance of line lies in a shallow lake and is inaccessible.
Land: Swamp & wet meadow, & broken sand hills
Soil, sandy; 1st and 3rd rate
June 16, 1896.

Final Oaths of Deputy Surveyor and his Assistants.

LIST OF NAMES.

A list of the names of the individuals employed by Willard W. Alt, 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 the subdivision and claim lines of Township No. 24 N., Range 38 West, and Townships No. 23 and 24 North, Range 37 West of the 6th principal meridian in State of Nebraska showing the respective capacities in which they acted:

Sidney Blest, Chainman.
Frank N. Smith, Chainman.
Charles E. Rockley, ~~Moundman.~~ Flagman
Theodore Neuland, Moundman.
Albert Nemoth, ~~Axman.~~ Moundman
, Axman.
, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Willard W. Alt, United States ~~Deputy~~ Surveyor, in surveying all those parts or portions of the subdivision and claim lines of Townships No 24 N, Range 38 West; and Townships No 23 and 24 N, Range 37 West of the sixth of the base ~~and~~ Principal meridian, State of Nebraska, ~~which~~ as 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~~ Commissioner of the General Land Office

Sidney Blest, Chainman.
Frank N. Smith, Chainman.
Charles E. Rockley, ~~Moundman.~~ Flagman
Theodore Neuland, Moundman.
Albert Nemoth, ~~Axman.~~ Moundman
, Axman.
, Flagman.

Subscribed and sworn to before me this 17th day of June, 1896

SEAL

Willard W. Alt
U. S. Surveyor.

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Final Oath of United States Deputy Surveyor.

I, Willard W. Alt, United States ~~Deputy~~ Surveyor, do solemnly swear that, in pursuance of a contract received from Commissioner of General, ~~United States Surveyor General for~~ Land Office, bearing date of the 14th day of May, 1895, 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~~ Commissioner of General Land Office, the ~~Manual of~~ Surveying ~~Instructions~~ Manual, and the laws of the United States, surveyed all those parts or portions of the subdivision and claim lines of Townships No. 24 N, Range 37 and 38 W. and Township No. 23 N, Range 37 West of the 6th

~~of the~~ ~~base~~ and Principal meridian, in the State of Nebraska, 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~~ Manual, and the special written instructions of the ~~United States Surveyor General for~~ Commissioner of General Land Office 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.

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

Subscribed ~~by said~~, and sworn to before me this 18th day of January, 1897

SEAL

P. J. Carey
Clerk of District Court

APPROVAL.

Office of the ~~United States Surveyor General,~~ Commissioner of the General Land Office

Washington, D.C. April 30, 1897.

The foregoing field notes of the survey of the subdivision and claim lines of Townships Nos. 24 N, Ranges 37 and 38 W. and Township No. 23 N, Range 37 West of the 6th Principal Meridian State of Nebraska

executed by Willard W. Alt, U.S. Surveyor under his contract No. ....., dated December 26, 1894, 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 Tps. 24 N, Ranges 37 & 38 W & T 23 N R 37 W, has been correctly copied from the original notes on file in this office.

Binger Hermann
~~United States Surveyor General.~~ Commissioner and ex officio Surveyor General for Nebraska

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General Land Office • Original Field Notes

Book Number

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W.W. Alt Subdivision of T 24 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.