General Land Office • Original Field Notes

Book Number

778

W.W. Alt Subdivision of T 23 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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Duplicate X

Received with letter from W. W. Alt, U.S. [redacted] dated Nov. 7, 1896 - 114512-96

4—679.

FIELD NOTES

OF THE SURVEY OF

Subdivision and Claim Lines

of

Township No 23 N. Range No 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 26, 1894

Survey commenced May 21, 1896

Survey completed May 30, 1896

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Names and Duties of Assistants.

Sidney Blount, Chainman

Frank H. Drake, Chainman

Charley E. Kackley, Flagman

Theodore Needland, Monumentman

Albert Niemoth, Monumentman

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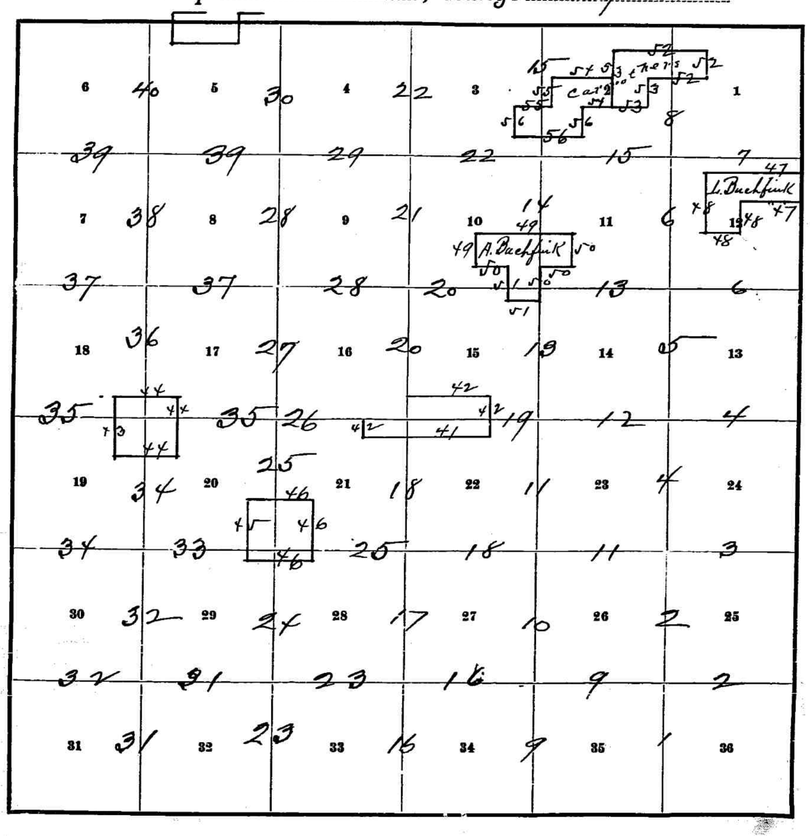
INDEX DIAGRAM.

Township 23, Range 37



Meanders Page.....

Preliminary Oaths of Assistants.

WE, _____ and _____
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain 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. 23 N., R. 37 W.

Chains.

From the cor. of Tps 22 and 23 N., Rs. 36 and 37 W., which is an oak post 4 ins. sq. 1 ft. above ground, marked and witnessed as described by J. E. Chambers, I run West on a tangent at 39.96 chs. fall 16 lks. N. of the ¼ sec. cor. 1 and at 79.96 chs. fall 31 lks. N. of the cor. of secs. 1. 2. 35. and 36. on S. bdy. of the Tp.; consequently the S. bdy. of sec. 36 bears S. 89° 46' W. and my chaining practically agrees with that of Mr. Chambers.

The tangent above referred to, I prolong entirely across the Tp. and the directions of all the initial meridional section lines of this Tp. are referred to said tangent.

I commence at the cor. of secs. 1. 2. 35. & 36 on the S. bdy. of the Tp. which is a mound of earth. with stake in pit. marked and witnessed as described by Mr. Chambers.
Thence I run
N. 0° 01' W. dist. secs. 35 and 36.
Over rolling bottom land.

11.00 Begin ascent along S. slope.

40.00 Deposit a chopped 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.

58.75 Top of ascent. 75 ft.: on range bearing S. 70° W.: ascend along N. slope, over broken ground.

80.00 Deposit a chopped stake 12 ins. in the ground for cor. of secs. 25. 26. 35. and 36. 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.

Chains.

In S.E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
T 23 N S 25. on NE.
R 37 W S 36. on SE.
S 35. on SW. and
S 26. on NW. faces. with 1 notch on S. and E. edges.
Land. broken.
Soil. sandy: 3rd rate.

N. 89° 46' E. on a random line bet. secs. 25 & 36.

40.00 Set temp. ¼ sec. cor.

80.12 Intersect E. bdy. of Tp. 14 lks. S. of the cor. of secs. 25. 30. 31. and 36.
Thence I run
S. 89° 40' W. on true line bet. secs. 25 and 36.
Over nearly level land.

3.10 Trail to Whitman: bears N. 20° W.

10.00 Foot of range: N. & S. : ascend along E. slope.

18.00 Top of ascent. 75 ft. : thence along N. face of range over ridges: gradual descent.

40.06 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor. : dig pits 18 x 18 x 12 ins. E. and N. 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.

43.00 Bottom of descent. in pass: N. & S. ascend along NE. slope of range over ridges.

80.12 The cor. of secs. 25. 26. 35. and 36.
Land. broken.
Soil. sandy: 3rd rate. May 21. 1896

N. 0° 01 W. bet. secs. 25 and 26.
Descend.

5.00 Bottom of descent: ascend along SW. slope.

37.00 Top of ascent. on range: bears NE and SW. 75 ft. high.

Chains.

descend gradually along NE. 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 N. face.

55.00 Bottom of descent: enter valley: bears E. and W.

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 23. 24. 25. and 26: 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 23 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: 3rd rate.

N. 89° 40' E. on a random line bet. secs. 24 and 25.

40.00 Set temp. ¼ sec. cor.

80.18 Intersect E. bdy. of Tp. 14 lks N. of the cor. of secs. 19. 24. 25. and 30.
Thence I run
S. 89° 46' W. on true line bet. secs. 24 and 25.
Ascend along NE. slope.

13.00 Top of ascent. 60 ft. above cor. : descend along NW. slope. over ridges and ravines.

40.09 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.

Subdivision of T. 23 N. R. 37 W.

Chains.

67.00 Bottom of descent: thence over nearly level ground.

80.18 The cor. of secs. 23. 24. 25. and 26.
Land, broken.
Soil, sandy; 3rd rate

N. 0° 01' W. bet. secs. 23 and 24.
Over level ground.

7.00 Foot of range; bears E. and W.: ascend along S. slope.

19.75 Top of ascent, on range; 50 ft. high: bears N.E. and S.W.

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.

43.50 Begin descent, along N. slope.

66.00 Bottom of descent in pass: bears E. and W.

75.00 Begin abrupt ascent along S. slope of bluffs.

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. 13. 14. 23. and 24. marked
T 23 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 18 x 18 x 12 ins. in each sec. 5 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high, W. of cor. This cor. is at top of ascent, on S. face of range.
Land, broken.
Soil, sandy: 3rd rate.

N 89° 46' E. on a random line bet. secs. 13, & 24.

40.00 Set temp. ¼ sec. cor.

Subdivision of T. 23 N. R. 37 W.

Chains.

80.08 Intersect E. bdy. of Tp. 6 Mls. N. of the cor. of secs. 13. 18. 19. and 24.
Thence I run
S. 89° 49' W. on true line bet. secs. 13 and 24.
along N. slope of range, over rolling ground.

22.00 Descend along NW. slope.

26.00 Bottom of descent: enter rolling bottom land. bearing NE. and SW.

40.04 Deposit a chavred 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.

71.50 Ascend abruptly along SE. face of bluff.

79.00 Top of ascent.

80.08 The cor. of secs. 13. 14. 23. and 24.
Land, broken.
Soil, sandy; 3rd rate.

N. 0° 01' W. bet. secs. 13 and 14.
Ascend along S. face of bluff.

25.00 Top of range, 100 ft. above valley: bears NE. & SW.
descend along NE. 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.

45.00 Bottom of descent. in pass: bears NE. and SW.

46.40 Wire fence: bears E. and W.: ascend along SE. slope.

77.00 Top of ascent on S. face of range: bears E & W.

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 11. 12. 13. and 14: dig pits 18 x 18 x 12 ins. in each sec. 4 ft. dist. and raise a

Chains.

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 23 N S 12. on NE.
R 37 W S 13. on SE.
S 14. on SW. and
S 11. on NW. faces. with 4 notches on
S. and 1 notch on E. edges.
Land. broken.
Soil. sandy: 3rd rate.

N. 89° 49' E. on a random line bet. secs. 12 and 13.
40.00 Set temp. ¼ sec. cor.
80.12 Intersect E. bdy. of Tp. 7 lks N. of the cor. of secs.
7. 12. 13. and 18.
Thence I run
S. 89° 52' W. on true line bet. secs. 12 and 13.
Descend along N. slope, over ridges and ravines.
40.06 Deposit a charred stake 12 ins. in the ground
for ¼ sec. cor.: dig pits to 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.
45.80 Wire fence, at bottom of descent. in pass: bears
N. 20° E.: ascend abruptly along E. slope of bluff.
60.50 Top of abrupt ascent.: ascend gradually, over
broken ground.
75.50 Top of ascent: thence over rolling ground.
80.12 The cor. of secs. 11, 12, 13. and 14.
Land. broken.
Soil. sandy; 3rd rate.

N. 0° 01' W. bet. secs. 11 and 12.
4.00 Begin descent along N. slope.
31.00 Enter valley: bears NE. and SW.
33.70 Trail: bears N. 70° E. and reverse

Chains.
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.
44.00 Foot of bluff: bears N. 75° E. + S. 75° W.: ascend
abruptly along S. slope.
52.00 Top of bluff 60 ft. high.
77.50 Top of range 100 ft. high: descend along N. slope.
79.30 Wire fence: bears N. 65° E.
80.00 Deposit a charred stake 12 ins. in the ground
for cor. of secs. 1. 2. 11. and 12: 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 23 N S 1. on NE.
R 37 W S 12. on SE.
S 11. on SW. and
S 2. on NW. faces. with 5 notches on S. and
1 notch on E. edges.
Land. broken.
Soil. sandy; 1st and 3rd rate.

N. 89° 52' E. on a random line bet. secs. 1 and 12.
40.00 Set temp. ¼ sec. cor.
80.10 Intersect E. bdy. of Tp. 26 lks. S. of the cor. of secs.
1. 6. 7. and 12.
Thence I run
S. 89° 41' W. on true line bet. secs. 1 and 12.
Along S. face of range, over very broken ground.
25.00 Depression, or blowout, 50 ft. deep.
35.53 Wire fence: bears S. 10° E.
40.05 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.

Subdivision of T. 23 N., R. 37 W.

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Scr E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S., on N. face.

44.00 Ascend over broken ground.

76.25 Top of ascent. on range 75 ft. high: thence over rolling ground, along N. face.

77.82 Wire fence: bears N. 65° E.

80.10 The cor. of secs. 1. 2. 11. and 12.
Land. broken.
Soil. sandy: 3rd rate.

N. 0° 01' W. on a random line bet. secs. 1 and 2.

40.00 Set temp. 1/4 sec. cor.

80.12 Intersect N. bdy. of Tp. at the cor. of secs. 1. 2. 35. & 36.
Thence S. run
S. 0° 01' E. on true line bet. secs. 1 and 2.
Descend along S. slope. over broken ground.

19.00 Enter valley: bears E. & W.

32.30 Trail: bears N. 80° E.

38.00 Begin ascent along N. slope.

40.12 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor.: dig pits to 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.
Scr S. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
1/4 S., on N. face.

76.00 Top of gradual ascent: thence over rolling ground.

80.12 The cor. of secs. 1. 2. 11. and 12.
Land. broken.
Soil. sandy; 1st and 3rd rate. May 22, 1896

From the cor. of secs. 2. 3. 34. and 35. on the S. bdy. of the Tp. which is an oak post 4 ins. sq. 1 ft. above ground, marked and witnessed as described by Mr Chambers.
I run

Subdivision of T. 23 N., R. 37 W.

Chains.

N. 0° 02' W. bet. secs. 34 and 35.
Over level land.

6.50 Foot of range: bears S. 60° W., and N. 60° E.; ascend along S.E. slope.

11.00 Top of bluff. 30 ft. above valley; ascend along S. face of range.

25.00 Top of ascent. 75 ft.: bears NE. and SW.

32.00 Begin descent along N. slope.

40.00 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor.: dig pits to 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.
Scr S. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
1/4 S., on N. face.

65.00 Bottom of descent: thence over rolling foot hills.

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 26. 27. 34. and 35. dig pits to 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.
Scr S.E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
T 23 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° 46' E. on a random line bet. secs. 26 & 35.

40.00 Set temp. 1/4 sec. cor.

80.12 Intersect N. and S. line 4 lks. N. of the cor. of secs. 25. 26. 35. and 36.
Thence S. run
S. 89° 48' W. on true line bet. secs. 26. and 35.
Ascend along N.E. slope of ridge.

Subdivision of T. 23 N. R. 37 W.

Chains.

3.00 Top of ascent: thence along N. slope of range. over broken ground.

20.00 Depression, on N. slope: ascend.

34.00 Begin gradual descent along N. slope, over low hills.

40.06 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits to 18×18×12 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.

80.12 The cor. of secs. 26. 27. 34. and 35. Land. broken. Soil. sandy: 3rd rate.

N. 0° 02' W. bet. secs. 26 and 27. Over level land.

6.50 Leave bottom: ascend along S. slope of range.

39.50 Top of range, 50 ft.: thence along top of range.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits to 18×18×12 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.

54.00 Begin descent along N. slope.

70.00 Bottom of descent: enter rolling valley: bears E. & W.

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 22. 23. 26. and 27: dig pits 18×18×12 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 23 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.

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Chains

and S. edges. Land, broken. Soil, sandy; 3rd rate.

N. 89° 48' E. on a random line bet. secs 23 & 26.

40.00 Set temp. ¼ sec. cor.

80.10 Intersect N. and S. line 9 lks. S. of the cor. of secs. 23. 24. 25. and 26. Thence S. nine S. 84° 44' W. on true line bet. secs. 23 and 26. Over rolling foot hills, along S. foot hills of range.

40.05 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18×18×12 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.

80.10 The cor of secs. 22. 23. 26. and 27. Land. rolling. Soil, sandy: 3rd rate.

N. 0° 02' W. bet. secs. 22 and 23. Over nearly level ground.

7.00 Begin ascent along S. slope of range.

15.00 Top of ascent, 60 ft above valley.

38.50 Begin descent along N. slope.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18×18×12 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

61.00 Bottom of descent. in ravine or pass.: bears NE. and SW.

64.50 Begin abrupt ascent along SW. slope.

Chains.

76.00 Top of ascent, 100 ft.; on SW. face of range

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 14. 15. 22. and 23: dig pits 18x18 x12 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

T23N S14. on NE.

R37W S23. on SE.

S22. on SW. and

S15. on NW. faces. with 3 notches on S. and 2 on E. edges.

Land. broken.

Soil. sandy; 3rd rate.

N. 89°44' E. on a random line bet. secs. 14 & 23.

40.00 Set temp. ¼ sec. cor.

80.12 Intersect N. and S. line at the cor. of secs. 13. 14 23 & 24.

Thence I run

S. 89°44' W. on true line bet. secs. 14 and 23.

Ascend along S.E. face.

7.00 Top of ascent, 100 ft. above valley: descend along SW. slope of range.

35.00 Bottom of descent in pass or ravine: NE. & SW. ascend along SE. slope.

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.

57.00 Top of ascent on S. face; descend along SW. slope.

80.12 The cor. of secs. 14. 15. 22. and 23.

Land. broken.

Soil. sandy: 3rd rate.

Chains.

N. 0°02' W. bet. secs. 14 and 15.

ascend along SW. face of range.

11.00 Top of ascent: descend along NW. slope.

34.26 Wire fence, at bottom of descent: bears E. & W. Ascend slightly.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits to 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 Top of ascent on sand peak 50 ft. high; descend along N. slope.

80.00 Deposit a charred stake 12 ins. in the ground for the cor. of secs. 10. 11. 14. and 15. dig pits 18x18 x12 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 23 N S 11. on NE.

R 37 W S 14. on SE.

S15. on SW. and

S10. on NW. faces. with 4 notches on S. and 2 on E. edges.

Land. broken.

Soil. pasty; 3rd rate.

N. 89°44' E. on a random line bet. secs. 11 & 14.

40.00 Set temp. ¼ sec. cor.

80.14 Intersect N. and S. line at the cor. of secs. 11. 12. 13. and 14.

Thence I run

S. 89°44' W. on true line bet. secs. 11 and 14.

Along top of range 100 ft. above valley.

7.00 Descend along NW. slope of range.

34.00 Bottom of descent: enter level bottom along N. slope of range, on S. side of valley.

40.07 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.

80.14 The cor. of secs. 10. 11. 14. and 15.
Land. level, and broken.
Soil. 2nd and 3rd rate.

N. 0°02' W. bet. secs. 10 and 11.
Descend gently.

3.00 Enter valley: 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.

Buchfink's pod house bears S. 55°35' W.

42.00 Ascend along S.E. slope of range.
48.00 Top of ascent. 30 ft.: NE. and SW.
61.41 Wire fence: bears N. 80° E.
66.00 Begin descent along NE. slope.
79.00 Enter valley: bears NW. and SE.
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
T 23 N S 2. on NE.
R 37 W S 11. on SE.
S 10. on SW. and
S 3. on NW. faces. with 5 notches on S. and 2 on E. edges.
Land. level bottom - broken sand hills.
Soil. sandy: 1st and 3rd rate

Chains.

N. 89°44' E. on a random line bet. secs. 2 and 11.

40.00 Set temp. ¼ sec. cor.

80.12 Intersect N. and S. line 5 lks S. 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.
Over rolling ground, along N. face of range.

17.00 Descend along NW. slope.

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.

62.00 Enter level land: bears NE. and SW.
65.70 Trail: bears N. 30° E.
80.12 The cor. of secs. 2. 3. 10. and 11.
Land. level, and broken.
Soil. sandy; 1st and 3rd rate. May 23, 1896.

N. 0°02' W. on a random line bet. secs. 2 & 3.

40.00 Set temp. ¼ sec. cor.

80.24 Intersect N. bdy. of Tp. 9 lks W. of the cor. of secs. 2. 3. 34. and 35.
Thence I run
S. 0°02' W. on true line bet. secs. 2 and 3.
Over very broken ground, along top of range.

3.00 Top of range: 200 feet above valley: bears E. and S. 80° W.: descend over broken ground along S. face.

22.00 Descend abruptly along S.E. slope.

37.00 Bottom of descent: enter level ground. N. 80 E. S. 70° W.

40.24 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

Chains

ins. sq. 12 ins. in the ground marked
1/4 S., on W. face.

80.24 The cor. of secs. 2. 3. 10. and 11.
Land, level bottom, and broken hills.
Soil, sandy: 1st and 3rd rate. May 28, 1896

From the cor. of secs. 3. 4. 33. and 34. on the S. bdy. of the Tp. which is a mound of earth, with stake in pit. marked and witnessed as described by Mr Chambers.
E 2 mm
N. 0° 03' W. bet. secs. 33 and 34.
Ascend over very broken sand hills.
16.00 Begin descent along N. slope.
40.00 Deposit a charred stake 12 ins. in the ground for 1/4 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
1/4 S., on W. face.
57.00 Bottom of descent; enter circular valley.
75.50 Ascend gradually over rolling hills.
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 23 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 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° 46' E. on a random line bet. secs. 27 & 34.
40.00 Set temp. 1/4 sec. cor.

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80.18 Intersect N. and S. line 6 lks. N. of the cor. of secs. 26, 27. 34. and 35.
Thence 1 mm
S. 89° 49' W. on true line bet. secs. 27 and 34.
Over rolling land along N. slope.
32.00 Descend along NW. slope, over rolling foot-hills
40.09 Deposit a charred stake 12 ins. in the ground for 1/4 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
1/4 S., on N. face.
50.00 Bottom of descent: enter neck of valley: N & S.
Thence over level ground.
62.00 Ascend gently, over rolling foot hills.
80.18 The cor of secs. 27. 28. 33. and 34.
Land rolling.
Soil. sandy; 3rd rate.

N. 0° 03' W. bet. secs. 27 and 28.
Ascend over low hills.
4.00 Begin descent along N. slope.
22.00 Enter valley; bears E and W.
34.00 Ascend along S. slope of low hills.
40.00 Deposit a charred stake 12 ins. in the ground for 1/4 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
1/4 S., on N. face.
55.50 Top of ascent on range: bears NW & SE: 50 ft. high: descend along NE. slope.
70.00 Enter valley: bears NW. & SE.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 21. 22. 27. and 28. dig pits 18 x 18 x 12 ins. in each sec. 4 ft. dist and raise a mound

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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 23 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° 49' E. on a random line bet. secs. 22 & 27.
40.00 Set temp. ¼ sec. cor.
80.08 Intersect N. & S. line 9 lks. S of the cor. of secs. 22, 23. 26, and 27.
Thence S run
S. 89° 45' W. on true line bet. secs. 22 and 27.
Over nearly level land.
40.04 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 A. face.
47.00 Ascend very gently, over rolling land
80.08 The cor. of secs 21. 22. 27. and 28.
Land, rolling.
Soil, sandy; 3rd rate.

N. 0° 03' W. bet. secs. 21 and 22.
Over rolling land.
5.00 Begin ascent along S. slope of range.
25.00 Top of ascent, 100 ft.; thence along top of range.
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.

Chains

In S. pit. drive an oak stake 2 ft. long 2 ins sq. 12 ins. in the ground. marked
¼ S., on W. face.
41.50 Begin descent along N. slope.
62.00 Bottom of descent; enter rolling valley; bears E & W.
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 23 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 to 18 X 18 X 12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high. N. of corner.
Land, broken and rolling.
Soil, sandy; 3rd rate.

N. 89° 45' E. on a random line bet. secs. 15 & 22.
40.00 Set temp. ¼ sec. cor.
80.10 Intersect N. and S. line 10 lks. N. of the cor. of secs. 14. 15. 22. and 23.
Thence S run
S. 89° 49' W. on true line bet. secs. 15 and 22, along top of range.
1.00 Descend along W. slope of range.
32.00 Bottom of descent; enter level land.
40.05 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 A. face.
80.10 The cor. of secs. 15, 16. 21, and 22.
Land, level and broken.
Soil, sandy; 2nd and 3rd rate.

Chains.

N. 0°03' W. bet. secs. 15 and 16.
Over level ground.
8.00 Foot of range; bears N. 60° E. and S. 60° W.; ascend abruptly.
18.00 Top of abrupt ascent, 125 ft.; ascend along S. face, over broken ground.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18×18×12 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.
63.00 Begin descent, along N. slope.
74.84 Wire fence; bears N. 75° E.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 9. 10. 15. and 16: dig pits 18×18×12 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 23 N S 10. on NE.
R 37 W S 15. on SE.
S 16. on SW. and
S 9. on NW. faces. with 4 notches on S. and 3 on E. edges.
Land, broken.
Soil, 2nd and 3rd rate.

N. 89° 49' E. on a random line bet. secs. 10. & 15.
110.00 Set temp. ¼ sec. cor.
80.08 Entered M.Ts. line 20 lks. S. of the cor. of secs. 10. 11. 14. and 15
Thence I run
S. 89° 40' W. on true line bet. secs. 10 and 15.
Over rolling land, along S. edge of valley.
20.00 Enter level bottom land.
40.04 Deposit a charred stake 12 ins. in the ground

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for ¼ sec. cor.: dig pits 18×18×12 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.
43.13 Wire fence; bears N. and S.
44.00 Begin ascent along NE. slope of range.
55.00 Top of ascent: thence along N. slope, over ridges and ravines.
80.08 The cor. of secs. 9. 10. 15. and 16.
Land, level bottom, and broken hills.
Soil, sandy: 1st and 3rd rate.

N. 0°03' W. bet. secs. 9. and 10.
Descend along N. slope of range.
9.40 Trail to Whitman; bears N. 80° E.; at bottom of descent.
11.00 Begin abrupt ascent along S.E. face of bluffs.
15.00 Top of bluffs, 100 ft. above valley; ascend.
20.00 Top of range, 150 ft.; bears NE. and SW.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18×18×12 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.
71.00 Begin descent along NW. slope.
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 23 N S 3, on NE.
R 37 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 18×18×12 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.

Chains.

N. 89° 40' E. on a random line bet. secs. 3 and 10.
40.00 Set temp. ¼ sec. cor.
80.14 Intersect N. and S. line 14 lks. N. of the cor. of secs 2. 3. 10. and 11.
Thence N
S. 89° 46' W. on true line bet. secs. 3 and 10.
Ascend along NE. slope of range.
40.07 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 slightly along N. slope. over rolling ground.
80.14 The cor. of secs. 3. 4. 9. and 10.
Land. broken.
Soil. sandy; 3rd rate. May 25, 1896.

N. 0° 03' W. on a random line bet. secs. 3 and 4.
40.00 Set temp. ¼ sec. cor.
80.08 Intersect N. bdy. of Tp. 14 lks W. of the cor. of secs. 3. 4. 33. and 34.
Thence N
S. 0° 03' W. on true line bet. secs. 3 and 4.
Ascend N. slope of ridge: bears E. and W.
20.00 Summit.
38.00 Descend along S. slope.
40.08 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
51.30 Trail in pass at bottom of descent. bears E. & W.
Ascend N. slope.
80.08 The cor. of secs. 3. 4. 9. and 10.
Land. broken: Soil. sandy: 3rd rate. May 28, 1896.

Chains.

From the cor. of secs. 4. 5. 32. and 33. on the S. bdy. of the Tp. which is an oak post 4 ins. sq., 1 ft. above ground. marked and witnessed as described by Mr. Chambers.
I mm
N. 0° 04' W. bet. secs. 32 and 33.
Ascend over broken ground.
6.00 Top of range 150 ft. above valley; bears E. and W.
18.00 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
41.00 Bottom of descent, in ravine or pass: bears E. & W.
45.00 Ascend over rolling foot hills.
46.93 Wire fence: bears N. 80° E.
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 23 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.
Land. broken.
Soil. sandy: 3rd rate.

N. 89° 46' E. on a random line bet. secs. 28 & 33.
40.00 Set temp. ¼ sec. cor.
80.14 Intersect N & S. line 5 lks. S. of the cor. of secs. 27. 28. 33. and 34.
Thence S mm
S. 89° 44' W. on true line bet. secs. 28 and 33.

Chains.

Along top of range, over broken sand bluffs and ridges.

39.00 Begin descent over broken ground, from bluffs, 50 ft. above valley.

40.07 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.

48.43 Wire fence: bears N. and S.: descend gently, over broken ground.

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

N. 0° 04' W. bet. secs. 28 and 29.
Over rolling land, on top of range.

32.00 Begin slight ascent, over low foot hills.

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.

40.50 Trail, in pass: bears N. 30° E.

56.22 Wire fence: bears N. 80° E.: descend.

60.00 Enter circular basin-like valley.

74.00 Enter alkali flat.

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. 20. 21. 28 and 29. marked
T 23 N S 21, on NE.
R 37 W S 28. on SE.
S 29. on SW. and
S 20. on NW. faces. with 4 notches on E. and 2 on S. edges: dig pits 18x18x12 ins. in

Chains.

each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high. W. of cor.
Land. rolling and broken.
Soil. sandy and alkali: 3rd rate.

N. 89° 44' E. on a random line bet. secs. 21 & 28.

40.00 Set temp. 1/4 sec. cor.

80.12 Intersect N. and S. line 7 lks N. of the cor. of secs. 21. 22. 27. and 28.
Thence I run
S. 89° 47' W. on true line bet. secs. 21 and 28.
Over level land.

26.00 Foot of bluffs: bear N.E. and SW: ascend abruptly.

29.00 Top of abrupt ascent, 75 ft.: thence ascend along S.E. face of range.

40.06 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.

40.70 Wire fence: bears N. 5° E. and meets.

43.00 Descend along NW. slope.

63.00 Enter basin-like valley.

73.33 Enter alkali flat.

80.12 The cor. of secs. 20. 21. 28. and 29.
Land. level and rolling:
Soil. sandy: and alkali: 3rd rate.

N. 0° 04' W. bet. secs. 20 and 21.
Over alkali flat.

5.00 Enter level valley land.

25.00 Begin ascent along SE slope of range.

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.

Chains

In S. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
¼ S, on W. face.

41.00 Top of range: bears NE. and SW. 50 ft. above basin: descend along N.E. slope.
55.55 Wire fence: bears E. and W.
60.00 Enter level valley land: bears NW. and SE.
60.19 Trail: bears N. 60° W.
71.00 Enter alkali flat.
79.00 Leave " "
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 16. 17. 20. and 21: 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 23 N S 16. on NE.
R 37 W S 21. on SE.
S 20. on SW. and
S 17. on NW. faces with 4 notches on E. and on S. edges.
Anderson's house bears N. 66° 07' W.
Land. broken and rolling.
Soil. sandy and alkali: 3rd rate.

N. 89° 47' E. on a random line bet. secs. 16 and 21.
40.00 Set temp. ¼ sec. cor.
80.16 Intersect N. and S. line 2 lks. N. of the cor. of secs. 15. 16. 21. and 22.
Thence I run
S. 89° 48' W. on true line bet. secs. 16 and 21.
Over level ground.
16.00 Foot of bluffs: NE. and SW.: ascend very abruptly.
26.50 Top of ascent, 75 ft.: ascend along SE. face over broken ground
40.08 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.

Chains.

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 Top of ascent, 150 ft. high.
52.00 Begin descent along W. slope.
76.00 Enter rolling valley land.
80.16 The cor. of secs. 16. 17. 20. and 21.
Land. broken.
Soil. sandy: 2nd and 3rd rate.

N. 0° 04' W. bet. secs. 16 and 17.
Over rolling bottom land.
7.00 Begin slight ascent along SW. slope.
15.00 Top of ascent, 40 ft. on NW. point of range. thence over broken foot hills.
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.
40.50 Top of ascent, on low range – E. and W. descend along NE. slope.
45.70 Bottom of descent in ravine or pass: NW. and SE. thence over broken foot hills.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 8. 9. 16. and 17; 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 23 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.

Chains.

N. 89°48' E. on a random line bet. secs. 9 & 16.
40.00 Set temp. ¼ sec. cor.
80.16 Intersect N. and S. line 17 lks N. of cor. of secs. 9. 10. 15. and 16.
Thence I run
S. 89°55' W. on true line bet. secs. 9 and 16.
Descend along NW. slope.
5.70 Trail at bottom of descent in pass: bears N. 70° E.
Ascend along SE. slope, over rolling ground
10.49 Wire fence: bears S. 15° E. and N. 15° W.
31.00 Top of ascent, 100 ft.: thence over rolling ground
40.08 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.
57.00 Descend along SW. slope.
74.50 Bottom of descent: thence over rolling foothills.
80.16 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 low chop hills.
10.00 Pass: bears NW. and SE.
36.00 Pass: " NE " SW.
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
41.00 Begin abrupt ascent along SE. face of ridge.
56.00 South summit.
64.00 Top of range: bears NE. and SW. 150 ft. high.

Chains.

68.00 Begin descent. along NE. face.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 4. 5. 8. and 9.: 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 SE. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
T 23 N S 4. on NE.
R 37 W S 9. on SE.
S 8. on SW. and
S 5. on NW. faces. with 4 notches on E. and 5 on S. edges.
Land. broken.
Soil. sandy: 3rd rate.

N. 89°55' E. on a random line bet. secs. 4 & 9.
40.00 Set temp. ¼ sec. cor.
80.20 Intersect N. & S. line at the cor. of secs. 3. 4. 9. and 10.
Thence I run
S. 89°55' W. on true line bet. secs. 4 and 9.
Along NW. slope.
26.00 Pass: bears NE. and SW.: ascend E. face of rang.:
40.10 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.
Thence over low hills. on summit of range.
50.20 The cor. of secs. 4. 5. 8. and 9.
Land. broken.
Soil. sandy: 3rd rate.

May 26, 1896.

Subdivision of T. 23 N., R. 37 W.

Chains.

N. 0°04' W. on a random line bet. secs. 4 and 5.

40.00 Set temp. ¼ sec. cor.

79.80 Intersect N. bdy. of Tp. 26 lks. W. of the cor. of secs. 4. 5. 32. and 33.

Thence I run

S. 0°07' W. on true line bet. secs. 4 and 5.

Ascend N. face of ridge.

15.00 Top of ascent: E. and W.

26.00 Summit of ridge.

39.80 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits to 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.

Descend S. face of range.

56.30 Trail, in pass: bears NW. and SE.: ascend to cor.

79.80 The cor. of secs. 4. 5. 8. and 9.

Land, broken.

Soil, sandy; 3rd rate. May 28, 1896.

From the cor. of secs. 5. 6. 31. and 32. on the S. bdy. of Tp. which is a mound of earth, with stake in pit, marked and witnessed as described by Mr. Chambers.

I run

N. 0°05' W. bet. secs. 31 and 32.

Ascend along S. slope.

4.00 Top of ascent, on range: bears E. and W.

17.00 Begin descent along N. slope.

33.00 Trail: bears N. 60° W. at bottom of descent.

Enter rolling land.

36.50 Wire fence: bears N. 30° W.: Over rolling valley.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits to 18 x 18 x 12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth

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Chains.

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.

70.90 Wire fence: bears N. 30° W.

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 23 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, sandy; 3rd rate.

N. 89°46' E. on a random line bet. secs. 29 & 32.

40.00 Set temp. ¼ sec. cor.

80.16 Intersect N. and S. line 13 lks. N. of the cor. of secs. 28. 29. 32. and 33.

Thence I run

S. 89°52' W. on true line bet. secs. 29 and 32.

Over low ridges, along NW. slope.

10.00 Bottom of descent: thence over rolling ground along S. edge of valley.

40.08 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.

78.00 Begin descent from low ridge.

80.16 The cor. of secs. 29. 30. 31. and 32.

Land, rolling.

Soil, sandy; 2nd and 3rd rate.

Subdivision of T. 23 N., R. 37 W.

Chains.

S. 89°46' W. on a random line bet. secs. 30 and 31.

40.00 Set temp. ¼ sec. cor.

80.52 Intersect N. bdy. of Tp. 14 lks. N. of the cor. of secs. 25. 30. 31. and 36.

Thence I run

N. 89°40' E. on true line bet. secs. 30 and 31.

Over broken ground, along Sw. face of range.

37.00 Top of ascent, on S. face of range: descend along SE. slope over rolling ground.

40.52 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.

70.00 Bottom of descent: enter rolling land.

77.56 Wire fence: bears N. 40° W.

80.52 The cor. of secs. 29. 30. 31. and 32.

Land. rolling.

Soil. sandy; 3rd rate.

N. 0°05' W. bet. secs. 29 and 30.

Over rolling land.

14.00 Enter level land. E. and W.

29.57 Wire fence: bears E. and W.

30.00 Begin ascent along SW. 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.

Wilson's sod house bears S. 30°54' W. about 25 chs. dist.

42.00 Top of ascent. 75 ft.; range bears Sw. and NE.

56.00 Begin descent along N. slope.

79.00 Bottom of descent.

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Chains

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 19. 20. 29. and 30.: 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 23 N S 20. on NE.

R 37 W S 29. on SE.

S 30. on SW. and

S 19. on NW. faces. with 5 notches on E. and 2 on S. edges.

Land. rolling and broken.

Soil, sandy; 2nd and 3rd rate.

N. 89°52' E. on a random line bet. secs. 20 & 29.

40.00 Set temp. ¼ sec. cor.

80.10 Intersect N. and S. line 16 lks. S. of the cor. of secs. 20. 21. 28. and 29.

Thence I run

S. 89°45' W. on true line bet. secs. 20 and 29.

Through alkali flat.

6.00 Enter rolling valley.

21.00 Leave valley: bears NE. and SW.; ascend along E. slope.

31.50 Top of ascent, on S. point of range, 50 ft. high. descend along Sw. slope.

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.

64.00 Bottom of descent: thence over rolling foot hills: along S. slope of range.

80.10 The cor. of secs. 19. 20. 29. and 30.

Land. rolling. and broken.

Soil. sandy. and alkali: 2nd and 3rd rate.

Chains

S. 89° 40' W. on a random line bet. secs. 19 and 30.

40.00 Set temp. ¼ sec. cor.

80.40 Intersect W. bdy. of Tp. 9 lks. S. of the cor. of secs. 19. 24. 25 and 30.
Thence S nw
N. 89° 44' E. on true line bet. secs. 19 and 30.
Ascend along nw. slope.

6.00 Top of ascent: thence along N. slope of "Lookout" Knob.

22.00 Begin descent along NE. slope.

40.40 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. E and W. of cor. 4 lks. 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.

70.00 Bottom of descent in pass: bears nw. and SE. thence through ravine, or pass.

80.40 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 along S. slope.

8.00 Top of ascent: thence ascend along S. face of range.

14.00 Top of range, 60 ft. high: bears E. and W.: descend 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 lks. 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.

44.00 Bottom of descent; enter rolling valley: E. and W.

80.00 Set an oak post 3 ft. long 4 ins. sq. with a charred stake 24 ins in the ground. for cor. of

Chains.

secs. 17. 18. 19. and 20. marked
T 23 N S 17. on NE.
R 37 W S 20. on SE.
S 19. on SW. and
S 18. on NW. faces. with 5 notches on E. and 3 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 and rolling.
Soil. sandy: 3rd rate.

N. 89° 45' E. on a random line bet. secs. 17 & 20.

40.00 Set temp. ¼ sec. cor.

80.00 Intersect N. and S. line 24 lks. N. of the cor. of secs. 16. 17. 20. and 21.
Thence S nw
S. 89° 55' W. on true line bet. secs. 17 and 20.
Over level land.

21.50 Leave valley: bears NW. and SE.: thence over rolling ground.

22.30 Trail: bears SE and NW.

40.00 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.
Anderson's sod house bears N. 8° 54' E.

42.84 Wire fence: bears N. 10° W.

78.00 Enter alkali flat.

80.00 The cor. of secs. 17. 18. 19. and 20.
Land. level and rolling.
Soil. sandy; 2nd and 3rd rate.

S. 89° 44' W. on a random line bet. secs. 18 & 19.

40.00 Set temp. ¼ sec. cor.

80.40 Intersect W. bdy. of Tp. 12 lks. N. of the cor. of

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secs. 13. 18. 19, and 24.
Thence I run
N. 89° 39' E. on true line bet. secs. 18 & 19.
Over nearly level land.

40.40 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.

60.00 NW. cor. of an abandoned plowed field. bears S. 40 lks dist.:- extends S. about 12 chs.

64.90 NE. cor. of plowed field.

80.40 The cor. of secs. 17. 18. 19. and 20.
Land. rolling.
Soil. sandy: 2nd rate.

N. 0° 03' W. bet. secs. 17 and 18.
Over alkali flat.

11.00 Enter rolling valley.

15.00 Begin ascent along S. slope of range. through pass.

36.50 Top of ascent on S. edge of blowout 50 ft above valley; range bears E. and W.
Thence over very broken ground.

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 N. face.

44.45 Trail: bears N. 30° W.

68.00 Begin descent along N. slope.

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 7. 8. 17. and 18.: 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,

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Chains

In S.E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
T 23 N S 8. on NE.
R 37 W S 17. on SE.
S 18. on SW. and
S 7. on NW. faces. with 5 notches on E. and 4 on S. edges.
Land. broken.
Soil. sandy and alkali: 3rd rate. May 27. 96.

N. 89° 55' E. on a random line bet. secs. 8 and 17

40.00 Set temp ¼ sec. cor.

80.10 Intersect N. and S. line 6 lks S. of the cor. of secs. 8. 9. 16. and 17.
Thence I run
S. 89° 52' W. on true line bet. secs. 8 and 17.
Over rolling land along N. slope of range.

4.85 Trail to Hyannis, bears NW. and SE.

40.05 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.

80.10 The cor. of secs 7. 8. 17. and 18.
Land. rolling.
Soil. sandy: 3rd rate.

S. 89° 39' W. on a random line bet. secs. 7 & 18.

40.00 Set temp ¼ sec. cor.

80.28 Intersect W. bdy of Tp. 4 lks S. of the cor. of secs. 7. 12. 13. and 18.
Thence I run
N. 89° 41' E. on true line bet. secs. 7 and 18.
Over level land.

7.09 Trail: bears N. 60° E.

20.00 Begin gentle ascent along NW. slope.

chains.

40.00 Top of ascent. 40 ft.; thence along N. slope.
40.28 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18×18×12 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.
43.00 Begin descent along NE. slope.
55.23 Trail: bears N. 30° W. and reverse.
57.00 Bottom of descent: thence over rolling foot-hills, sloping to NW.
80.28 The cor. of secs. 7. 8. 17. and 18.
Land. rolling and. broken.
Soil. sandy; 2nd and 3rd rate.

N. 0° 05' W. bet. secs. 7 and 8.
Descend gently.
8.20 Trail: bears S. 80° E.; at bottom of descent; enter level ground.
13.00 Begin ascent along S. slope; over broken ground.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18×18×12 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.
41.00 Top of ascent. 75 ft.; descend along N. slope.
75.00 Bottom of descent; thence over low foot hills.
77.00 Begin gradual ascent along S. slope, over foot-hills.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 5. 6. 7. and 8; dig pits 18×18×12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high. over deposit.
In SE. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
T 23 N 5 5. on NE.

chains.

R 37 W S 8. on SE.
S 7. on SW. and
S 6. on NW. face. with 5 notches on E. and S. edges.
Land. broken.
Soil. sandy; 3rd rate.

N. 89° 52' E. on a random line bet. secs. 5 and 8.
40.00 Set temp. ¼ sec. cor.
80.10 Intersect N. S. line at the cor. of secs. 4. 5. 8. & 9.
Thence I run
S. 89° 52' W. on true line bet. secs. 5 and 8.
Over rolling foot hills
7.00 Begin abrupt ascent along NE. slope.
11.00 Top of ascent. 100 ft.; thence along N. face of range.
39.00 Begin descent along W. slope.
40.05 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18×18×12 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.
60.00 Bottom of descent, in basin-like valley. N. and S.
73.00 Begin ascent over rolling foot hills.
77.00 Top of ascent. 30 ft.; thence over rolling foot hills.
80.10 The cor of secs. 5. 6. 7. and 8.
Land. rolling.
Soil. sandy; 3rd rate.

S. 89° 41' W. on a random line bet. secs. 6 and 7.
40.00 Set temp. ¼ sec. cor.
80.32 Intersect W. bdy. of Tp. 10 lks. N. of the cor. of secs. 1. 6. 7. and 12.
Thence I run
N. 89° 37' E. on true line bet. secs. 6. and 7.
along S. face of range. over broken ground.

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Chains.

15.50 Begin very abrupt descent along S.E. slope.
24.00 Bottom of descent, 200 ft. below; in basin like valley. thence over level ground
40.32 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.
49.00 Ascend over rolling foot hills.
52.00 Top of ascent, 20 ft.; thence over low foot hills.
80.32 The cor. of secs. 5. 6. 7. and 8.
Land, level and rolling.
Soil, sandy; 3rd rate.

N. 0°05' W. on a random line bet. secs. 5 and 6.
40.00 Set temp. ¼ sec. cor.
79.74 Intersect N. bdy. of Tp. 24 lks W. of cor. of secs. 5. 6. 31. and 32.
Thence I run
S. 0°05' W. on true line bet. secs. 5. and 6.
Descend abruptly, along S. slope.
3.70 Bottom of descent, 75 ft. below.
6.74 Trail: bears N. 80° E.; ascend gradually along N. slope.
39.50 Top of ascent, 100 ft. high.
39.74 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.
55.00 Begin descent along S. slope, over broken ground.
79.74 The cor. of secs. 5. 6. 7. and 8.
Land, broken.
Soil, sandy; 3rd rate.

May 28, 1896.

Subdivision of T. 23 N., R. 37 W.

Chains.

General Description.

This Tp. consists of a series of sand hills, or ranges extending through the Tp. from E. to W. with narrow valleys bet. ranges.
The valleys in the S. part of Tp. are "dry"; but in the N. part are subject to overflow in the spring causing the growth of heavy grass.
No timber of any description in Tp., vegetation consisting of a light 'sand grass', and bunch grass.
Soil is very sandy, and unfit for cultivation.

W. W. Alt.
U. S. Surveyor.

May 28, 1896.

Claim lines of T. 23 N., R. 37 W.
(No. 43)

The H.E. claim of Charles F. Weis, owned by August Buchfink, on secs. 15. 21. and 22.
Area 160 acres.

From the S.E. cor. of the claim which is a mound and pits. I run
West, along S. bdy. of the claim.
Over rolling ground, sloping to N.
49.50 Enter plowed field: extends N. 1 ch. and S. 2 chs.
59.50 Leave " " enter level bottom.
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
AB; on N.E. face.

Claim lines of T. 23 N., R. 37 W.

Chains.

North, along W. bdy. of the claim:
Over nearly level ground.
5.00 Begin abrupt ascent along S.E. slope.
12.50 Top of ascent, 150 ft. above valley.
12.73 Intersect S. bdy. of sec. 16, at a point N. 89° 48' E., 10.47 chs. dist. from the ¼ sec. cor. bet. secs. 16 & 21. Deposit a charred stake 12 ins. in the ground for closing cor. of the W. bdy. 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 S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

CC. on S.
AB. on E. and
NSL, on N. faces.

To include the patented area, the E. bdy. will be made 24.36 chs., thus adding 21.97 acres to the N. side of the claim. E. of sec. 16.
From the S.E. cor. of the claim, I run
North, along E. bdy.
Over low rolling foot hills.
4.50 Enter E. end of alkali flat.
11.00 Leave " " enter rolling ground.
24.36 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

AB: on SW. face.

West, along N. bdy. of the claim.
Over rolling foot hills.
2.50 Enter alkali flat: extending N & S.
11.00 Leave " " enter old prairie dog town.
32.00 Ascend along S. slope, over ridges and ravine.

Claim lines of T. 23 N., R. 37 W.

Chains.

50.40 Intersect E. bdy. of sec. 16, at a point N. 0° 03' W. 11.53 chs. dist. from the cor. of secs. 15, 16, 21, & 22. Deposit a charred stake 12 ins. in the ground for closing cor. of the N. bdy.: 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 E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

CC, on E.
AB, on S. and
NSL, on W. faces.

Land, rolling bottom.
Soil, sandy and alkali: 2nd and 3rd rates.

(No. 42)

The T.C. claim of Joseph Jones, on secs. 17, 18, 19, and 20. Drew 160 acres.

The middle point on W. bdy. marked by SW. cor. of a plowed field, is shown. therefore at a point 20 chs. N.; 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 3¼ 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 J: on S.E. face.

This cor. bears N. 62° 52' W. 21.74 chs. dist. from the cor. of secs. 17, 18, 19, and 20.
Lat. 9.80 N.; Dep. 17.33 chs. W.
From this cor. I run
South, along W. bdy. of the claim.
Descend along S.E. slope.
4.00 Bottom of descent: thence over rolling ground.
10.20 Enter plowed field.
20.00 SW. cor. plowed land.
24.00 Ascend gently, over rolling foot hills.
40.00 Deposit a charred stake 12 ins. in the ground for SW. cor. of the claim: dig pits 18x18x12 ins.

Claim lines of T. 23 N., R. 37 W.

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. J: on NE. face.

From the NW. cor. of the claim. I run
East, along N. bdy.
Descend. SE. slope.
5.00 Bottom of descent: thence along N. edge of valley. over nearly level ground.
10.00 Enter basin.
28.00 Leave basin: thence over level ground.
40.00 Set temp. NE. cor.

From the SW. cor. of the claim. I run
East, along S. bdy.
Over rolling foot hills.
23.00 Begin gradual ascent along NW. slope.
40.00 Deposit a charred stake 12 ins. in the ground for SE. cor. of the claim: dig pits 18×18×12 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
J. J: on NW. face.

North, along E. bdy. of the claim.
Along N. face of range.
6.00 Begin descent along N. slope.
19.00 Enter rolling valley: extends SW. and E.
32.00 Enter alkali flat.
38.00 Leave " " thence over rolling ground.
40.00 Set temp. NE. cor.
Deposit a charred stake 12 ins. in the ground. dig pits 18×18×12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over

Claim lines of T. 23 N., R. 37 W.

Chains.

deposit.
In S. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
J. J. on SW. face.
Land. rolling bottom.
Soil. sandy and alkali: 2nd and 3rd rate.

(No. 44)

The NE. claim of Charles A. Dodson, on secs. 20. 21. 28. and 29. Area, 160 acres.

A mound. said to be the old ¼ sec. cor. bet. secs. 20. and 29. is shown.
At a point 20 chs. S. of this mound. I deposit a charred stake 12 ins. in the ground. for SW. cor. of the claim: dig pits 18×18×12 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
CAD: on NE. face.
This cor. bears S. 67°05' W. 19.90 chs. dist. from the cor of secs. 20. 21. 28. and 29.
Lat. 7.74 S.: Dep. 18.33 chs. W.
Thence I run.
North, along W. bdy. of the claim.
Over nearly level land. W. end of valley.
8.00 Begin ascent along SE. slope, over ridges.
20.00 The old ¼ sec. cor.
23.00 Top of ascent. 60 ft.: thence along E. face of hills. over broken ground.
40.00 Deposit a charred stake 12 ins. in the ground for NW. cor. of the claim: dig pits 18×18×12 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
CAD; on NE. face.

Claim lines of T. 23 N., R. 37 W.

Chains.

East, along N. bdy. of the claim.
Second along S. face, over ridges & ravines
27.40 Trail: bears N. 20° E., at bottom of descent.
ascend over rolling ground, along W. slope.
40.00 Set temp. NE. cor.

From the Sec. cor. of the claim, I run
East, along S. bdy.
Over nearly level ground, along S. edge of valley.
8.00 Enter alkali flat.
14.00 Leave " " enter rolling land.
22.80 Trail; bears N. 10° E.
37.00 Begin gentle ascent along NW. slope.
40.00 Deposit a charred stake 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
C A S; on NW. face.

North, along E. bdy. of the claim.
ascend gently over low ridges, along SW. slope.
23.00 Top of ascent, 50 ft.; thence along W. slope.
36.00 Second along NW. slope.
40.00 Set temp. NE. cor.
Deposit a charred stake 12 ins. in the ground
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
C A S; on SW. face.
Sod house, bears S. 55° 35' W.
From the Sec. cor. of the claim; house bears N. 9° 25' E.
about 15 chs. dist.
Land, sand hills, and rolling bottom.
Soil, 2nd and 3rd rate.

May 29, 1896.

Claim lines of T. 23 N., R. 37 W.

Chains.

No 40

The T.C. claim of Leopold Buchfink, on sec. 12.
Area 160 acres.

The claim has 2 marked cors., being cors. of
the claim of Jacob Buchfink, surveyed by Simon.
The NE. cor. is a mound of earth 3½ ft. base 1½ ft.
high, with pits 18 x 18 x 12 ins. E. and S. of cor. 4 ft. dist.
In E. pit, an oak stake 2 ins. sq. 1 ft. above ground.
marked. J B. on SE. face.
To this stake I add the marking L B, and
change it to S. pit, where I drive it 12 ins. in
the ground, with the markings
L B, on SW. and
J B, on SE. faces.
This cor. bears S., 9.00 chs. dist. from the cor. of secs.
1. 6. 7. and 12, Rs. 36 and 37 W.
Thence I run
West, along N. bdy.
Over rolling ground, along S. foot hills.
of range.
24.00 Begin ascent, along SE. slope.
40.00 Top of ascent, 100 ft. above valley; thence over
broken ground, along S.E. face of range.
60.00 Set temp. NW. cor.

From the S.E. cor. of the E. part of claim, which is
a mound of earth 3½ ft. base, 1½ ft. high; pits
18 x 18 x 12 ins N. and E. of cor. 4 ft. dist.
In N. pit, an oak stake 2 ins. sq. 1 ft above ground
marked J B. on NE., which I mark
L B. on NW. face.: I run
West, along S. bdy. of the E. part of claim.
Over ground sloping gently to N.
40.00 Deposit a charred stake 12 ins. in the ground
for SW. 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
L B; on NE. face.

Claim lines of T. 23 N., R. 37 W.

Chains.

South, along E. bdy. of the W. part of claim.
ascend gently along sw. slope of foot hills.
8.00 Enter plowed field: extends E. 1 chain and W. about 10 chains.
12.00 Leave plowed field: thence over rolling ground.
20.00 Deposit a charred stake 12 ins. in the ground for S.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
L B: on NW. face.

West, along S. bdy. of the W. part of claim.
Over gently rolling foot hills.
20.00 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
L B: on NE. face.

North, along W. bdy. of the claim.
Descend gently, over foot hills.
7.00 Enter level valley: E. and W.
23.00 Foot of range: bears N. 70° E. & S. 70° W.: ascend abruptly.
38.00 Top of ascent, 100 ft. above valley: on sand bluff.
40.00 The temp. NW. cor.
Deposit a charred stake 12 ins. in the ground 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
L. B. on SE. face.
Land. mostly bottom.
Soil. sandy: 2nd and 3rd rate.

Claim lines of T. 23 N., R. 37 W.

Chains.

(No. 41)

NE. claim of August Buchfink, on secs. 10. 11. 14. and 15. Area, 160 acres.

This claim, having no old cors.: is run out, as nearly as practicable, on lines pointed out by the owner.
For the NE. cor. I deposit a charred stake 12 ins in the ground: 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
A B: on SW. face.
From this cor. I run
West, along N. bdy. of claim.
Over rolling ground.
8.00 Enter level valley land. bears N. 80° W. & S. 70° E.
32.00 Leave valley, thence over gently rolling land
41.80 Wire fence: bears N. and S.
43.40 Buchfink's sod house bears S. 1.20 chs. dist.
46.00 S.E. cor. of corral.
46.20 Wire fence: extends S.
47.40 SW. cor. of corral: ascend gently.
60.00 Deposit a charred stake 12 ins. in the ground for NW. cor. of the 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
A B: on NE. face.

South, along N. bdy. over dry rolling valley.
20.00 Deposit a charred stake 12 ins. in the ground for SW. cor. of the N. part of 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
A B: on NE. face.

Claim lines of T. 23 N., R. 37 W.

chains.

East, along S. bdy. of the N. part of claim.
Over level ground.
9.63 Wire fence: bears N. 15° E.
16.00 Enter wet bottom.
20.00 Set temp. nw. cor. of the S. part of claim.

From the NE. cor. of the claim. I run
South, along E. bdy.
Over rolling ground.
5.00 Enter level valley: bears E. and W.
20.00 Deposit a charred stake 12 ins. in the ground for the SE. cor. of the N. 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
AB: on NW. face.

West, along S. bdy. of the N. part of claim.
Over level ground.
20.00 Deposit a charred stake 12 ins. in the ground for NE. 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
AB: on SW. face.

South, along E. bdy. of the S. part of claim.
Over level ground.
5.00 Begin gentle ascent along N. slope.
11.00 The cor. of secs. 10, 11, 14, and 15.
18.00 Top of ascent, 20 ft.
20.00 Deposit a charred stake 12 ins. in the ground for SE. cor. of the S. part of claim: dig pits 18 x 18 x 12 ins. N. and W. of cor. 4 ft. dist. and raise a mound

Claim lines of T. 23 N., R. 37 W.

chains.

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
AB: on NW. face.

West, along S. bdy. of the S. part of claim.
Descend gently along NW. slope.
19.00 Bottom of descent, in neck of valley.
20.00 Deposit a charred stake 12 ins. in the ground for SW. cor. of the S. part of 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
AB: on NE. face.

North, along W. bdy. of the S. part of claim.
Descend gently.
5.00 Enter level valley land: bears NE. and SW.
20.00 The temp. cor.
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. 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
AB: on SE. face.
Land, mostly level or rolling bottom.
Soil, 1st and 3rd rate.

NO 39

The T. C. claim of Christian C. Abbott, owned by Festus Carrothers; on secs. 1 and 2.
Area 160 acres.

From the NE. cor. which is a mound and pits,
I run

Claim lines of T. 23 N., R. 37 W.

Chains.

West, along N. bdy. of the claim.
Over gently rolling ground.
10.00 Begin gradual ascent, over foot hills.
22.00 Top of ascent, 30 ft.: thence over foot hills.
along S. slope.
24.92 The line bet. secs. 1 and 2.
35.00 Begin abrupt ascent, along S.E. slope.
43.50 Top of ascent, 75 ft.: thence over very broken ground.
along S. face of range.
60.00 Set temp. NW. cor. of claim.

From the NE. cor. of the claim. run
South, along E. bdy.
Descend gently, over rolling ground.
2.50 Trail: bears E. and W.
5.00 Enter level valley: bears E. and W.
11.50 Trail: bears N. 70° E.: ascend gently.
20.00 Deposit a charred stake 12 ins. in the ground
for S.E. cor. of the E. part of claim: dig pit to 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
F.C.; on NW. face.

West, along S. bdy. of the E. part of claim.
Over gently rolling ground, along N. slope of range: descending very gently.
34.40 Trail, bears N. 70° E.
40.00 Deposit a charred stake 12 ins. in the ground
for SW. 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
F.C.; on NE. face.
This cor. bears N. 72° 50' W. 15.78 chs. dist. from the ¼ sec. cor. bet. secs. 1 and 2.: Lat. 46° 4' N., Dep. 15.06 chs. W.

Claim lines of T. 23 N., R. 37 W.

Chains.

South, along E. bdy. of the W. part of claim.
Ascend gently, along N. slope.
2.90 Trail: bears N. 70° E.
20.00 Deposit a charred stake 12 ins. in the ground
for S.E. cor. of the W. part of claim: dig pit to 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
F.C.; on NW. face.

West, along S. bdy. of the W. part of claim.
along NW. slope.
20.00 Deposit a charred stake 12 ins. in the ground
for SW. cor. of this claim, and the S.E. cor. of the Pre. claim of Festus Carothers: 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
F.C.: on NE. and NW. faces

North, along W. bdy. of the claim.
Descend gradually along N. slope.
11.70 Trail: bears N. 70° E.
111.00 Enter level valley.
20.00 Deposit a charred stake 12 ins. in the ground
for NE. cor. of the N. part of F. Carothers Pre. claim: 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
F.C.: on SW. face.
29.10 Trail: bears N. 70° E.
31.00 Foot of range: bears E. and W.: ascend abruptly.
39.20 Top of ascent, 100 ft.: thence over rolling ground.

Claim lines of T. 23 N., R. 37 W.

Chains.

40.00 The temp. nw. cor.
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
F. C. : on NE. face
Land. rolling and level.
Soil. sandy : 1st and 3rd rate.

(No. 38)

The Pre. claim of Christian Abott, owned by Festus Carrothers; on sec. 2 and 3.
Area 160 acres.

From the NE. cor. of the claim, described in the notes of the survey of the T. C. claim owned by Festus Carrothers, I run
West, along N. bdy. of the N. part of claim.
Over level valley land.
34.40 Trail: bears S. 70° W.
35.28 Corral fence "
40.00 Set temp. nw. cor. of the claim.

From the S.E. cor. of the N. part of claim. which is described in the notes of survey of the T. C. claim owned by Festus Carrothers. I run
West. along S. bdy. of the N. part of claim.
Descend along NW. slope.
12.10 Trail: bears S. 20° W.
15.00 Enter level valley: bears Sw. and NE.
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
F. C. on Sw. face.

Claim lines of T. 23 N., R. 37 W.

Chains.

Thence, on a blank line, through claim.
40.00 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
F. C. : on NE. face.

North. along W. bdy. of the N. part of claim.
Over level valley land.
14.45 Trail: bears S. 70° W.; ascend gently.
15.37 Fence: " "
20.00 The temp. nw. cor.
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
F. C. : on SE. face.
This cor. bears N. 45° 30' E. 7.11 chs. dist. from the ¼ sec. cor. bet. secs. 2 and 3.
Lat. 4.98 N.; Dep. 5.07 chs. E.

From the Sw. cor. of the N. half of claim.
I run
West, along N. bdy. of the S. part.
Over level ground.
11.45 Trail; bears NE. and Sw.
14.90 Corral fence: bears S. 70° W.
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.
In E. pit. drive an oak stake 2 ft. long, 2

Claim lines of T. 23 N., R. 37 W.

Chains.

ins. sq. 12 ins. in the ground, marked
F. C. ; on S. E. face.

South, along W. bdy. of the S. part of claim.
Over level ground.
0.74 Wire fence; bears S. 70° W.
11.00 Begin gentle ascent.
20.00 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
F. C. ; on NE. face.

East, along S. bdy. of the S. part of claim.
Ascend gently, along NW. slope.
13.35 Trail; bears N. 30° E.
20.00 Enter neck of valley; NW. & SE.
30.00 Begin gradual ascent, along NW. slope.
32.00 Trail; bears S. 30° W.
40.00 Deposit a charred stake 12 ins. in the ground for SE. cor. of the S. 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
F. C. ; on NW. face.

From the NE. cor. of the S. part of claim, line
South, along E. bdy.
Over level land.
5.00 Begin gradual ascent along NW. slope.
8.40 Trail; bears S. 40° W.
20.00 The S. E. cor. of the claim.
Land, level and undulating bottom.
Soil, sandy; 1st and 3rd rate.

May 30, 1896

Final Oaths of Deputy Surveyor and his Assistants.

LIST OF NAMES.

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

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

.....

showing the respective capacities in which they acted:

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted .....

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

.....

.....

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

.....

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

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

SEAL

.....

.....

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Final Oath of United States Deputy Surveyor.

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

_____

_____

_____

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

_____

United States Deputy Surveyor.

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

SEAL

_____

_____

APPROVAL.

Commissioner of the General Land Office

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

Washington, D.C. April 30, 1897.

The foregoing field notes of the survey of the subdivision and claim lines of T 23 N, R 37 W. 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 of the General Land Office

I certify that the foregoing transcript of the field notes of the above-described surveys in 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 of the General Land Office

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General Land Office • Original Field Notes

Book Number

778

W.W. Alt Subdivision of T 23 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.