General Land Office • Original Field Notes

Book Number

779

W.W. Alt Subdivision of T 23 N - R 38 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.

Duplicate X

(4—679.)

Received with letter from W. W. Alt, U.S. Surveyor, dated Sept 13, 1896. 98725-96

Examined and approved 46 TEH 10-28-1896

FIELD NOTES

OF THE SURVEY OF

Subdivision and claim Lines

of

Township 23 N., Range 38 W.

Of the 6th Principal Meridian,

State of Nebraska

AS SURVEYED BY

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

Under his Contract ~~No.~~ _____, *dated* December 26, 189~~4~~

Survey commenced November 16, 1895.

Survey completed December 5, 1895.

(1319—2,500.)

Names and Duties of Assistants.

Clarence P. Huggins, Chainman

Sidney Blunt, Chainman

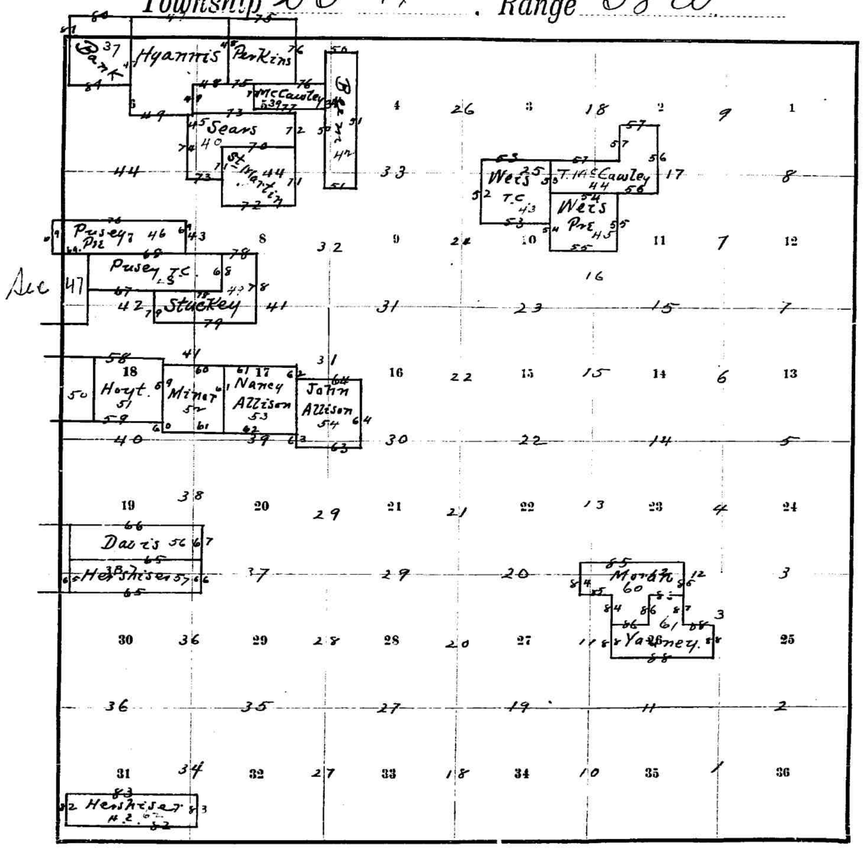
Theodore Neelund, Flagman

James C. Rosengren, Mounduman

Albert H. Andrews, Mounduman

INDEX DIAGRAM.

Township 23 N. Range 38 W.



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 distance 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

.....

.....

Oath of Preliminary Assistants Subdivision T 23 N R 38 W

Subdivision of T. 23 N. R. 38 W.

Chains

From the cor. of Ts. 22 and 23 N., Rs. 37 and 38 W. heretofore described, I run West on a tangent, - on the S. bdy. of Sec. 36; at 39.91 chs. fall 10 lks. S. of the ¼ sec. cor.; and at 79.86 chs., fall 21 lks S. of the cor. of secs. 1. 2. 35. and 36. on S. bdy. of the Tp. consequently the S. bdy. of sec. 36. bears N. 89°51' W., and my chaining is longer than that of N. S. Dixon, by about 14 lks. per mile.

I range out this tangent entirely across the Tp. and all the initial meridional section lines are initiated therefrom.

November 16, 1895.

I commence at the cor. of secs. 1. 2. 35. and 36. which is a mound of earth 5 ft. base 2½ ft. high. pits 24x24x12 ins. in each sec. 5 ft. dist. In S.E. pit is an oak stake 2 ins. sq. 1 ft above ground, marked
T 23 N S 36. on N.E.
R 38 W S 1. on S.E.
T 22 N S 2. on S.W. and
S 35. on N.W. faces. with 1 notch on E, and 5 on W. edges.

Thence I run
N. 0°01' W. bet. secs. 35 and 36.
Over rolling ground.

4.00 Begin descent along N. slope.
17.00 Bottom of descent 30 ft. below cor.; ascend over sand bluffs and ridges.
35.00 Ridge: bears E. & W. 40 ft. high: thence over very rough ground.
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	
52.00	Top of ascent on W. face of sand peak: descend over broken ground, along W. slope.
77.15	Trail: bears N. 40° W.; over rolling ground.
80.00	Deposit a chained stake 12 ins. in the ground for cor. of secs. 25, 26, 35, and 36.: dug pits 18 x 18 x 12 ins. in each sec. 4 ft. dist. and raised a mound of earth 4 ft. base 2 ft. high over deposit.
	In SE. 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 38 W S 36. on SE.
	S 35, on SW. and
	S 26. on NW. faces with 1 notch on E. and S. edges.
	Land, broken.
	Soil, sandy; 3rd rate.

	S. 89° 57' E. on a random line bet. secs. 25 & 36.
40.00	Set temp. ¼ sec. cor.
79.84	Intersect E. bdy. of Tp. at the cor. of secs. 25, 30, 31, and 36.
	Thence I run
	N. 89° 57' W. on true line bet. secs. 25 & 36.
	Descend slightly over low ridges, along N. slope.
15.00	Begin ascent along NE. slope.
24.00	Top of ascent on low range; thence over very rolling ground
34.92	Deposit a chained 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.
	Begin gradual descent over rolling ground
55.55	Trail: bears NW. and SE.
75.65	Trail " N. 30° W.
79.84	The cor. of secs. 25, 26, 35, and 36.

Chains	
	Land, broken prairie.
	Soil, sandy; 3rd rate.

	N. 0° 01' W. bet. secs. 25 and 26.
	Descend slightly, over rolling ground.
8.80	Trail: bears N. 50° W.
15.00	Bottom of descent 20 ft. below cor.
20.00	Trail: bears NW.; begin slight ascent over rolling ground.
28.00	Low sand peak or bluff 30 ft. above valley; enter low foot hills.
40.00	Deposit a chained stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18 x 18 x 12 ins. N. & 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.
	Ascend slightly along W. slope, over rolling foot hills.
80.00	Deposit a chained 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 SE. 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 38 W S 25. on SE.
	S 26. on SW. and
	S 23. on NW. faces with 2 notches on S. and 1 on E. edges.
	Land, rolling.
	Soil sandy; 3rd rate.

	S. 89° 57' E. on a random line bet. secs. 24 & 25.
40.00	Set temp. ¼ sec. cor.
79.86	Intersect E. bdy. of Tp. 10 lks. N. of the cor. of secs. 19, 24, 25, and 30.

Chains.

Thence I. run
N. 89° 47' W. on true line bet. secs 24 and 25.
Descend gradually along NW. slope.

22.00 Foot of descent, in pass: bears NE. and SW: ascend abruptly along S.E. slope.

27.00 Top of bluff. 50 ft. Thence ascend over broken ground.

39.93 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.
Ascend abruptly along NE. slope of ridge.

116.00 Top of ascent, 40 ft. above ¼ cor.: descend along E. face.

51.00 Top of ascent, on E. edge of blowout. 100 ft. high. descend over broken sand bluffs.

61.00 W. edge of blowout. 75 ft. high: begin gradual descent along W. slope, over broken ground.

79.86 The cor. of secs. 13. 24. 25, and 26.
Land, broken prairie.
Soil, sandy: 3rd rate

N. 0° 01' W. bet. secs. 23 and 24.
Ascend slightly over rolling ground along W. slope.

4.00 Top of ascent, 20 ft. above cor.: descend over rolling ground.

25.50 Trail: bears N. 70° E.

30.00 Begin gradual 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 N. face.

Chains.

Ascend along W. slope.

48.00 Top of ascent, 100 ft. high: thence along W. slope, over ridges.

55.00 Begin descent along N.W. slope.

80.00 Set an oak post. 3 ft. long 4 ins. sq. with charred stake 24 ins. in the ground, for the cor. of secs. 13. 14. 23. and 24. marked
T 23 N S 13. on NE.
R 38 W S 24. on SE.
S 23. on SW. and
S 14. on NW. faces. with 3 notches on S. and 1 on E. edges. i dig pits 18x18x12 ins. in ¼ sec. 5½ ft. dist. and raised a mound of earth. 4 ft. base 2 ft. high. W. of cor.
Land. broken
Soil. sandy: 3rd rate.

S. 89° 47' E. on a random line bet. secs. 13 & 24.

40.00 Set temp. ¼ sec. cor.

79.80 Intersect E. bdy. of Tp. 3 chs N. of the cor of secs 13. 18. 19. and 24.
Thence I. run
N. 89° 46' W. on true line bet. secs. 13 and 24.
Over level land.

20.00 Begin abrupt ascent along S.E. slope of range.

27.00 Top of ascent 100 ft. high: thence ascend gradually, along SE. face.

38.00 Top of ascent. 125 ft. on S. slope of ridge. thence along S. face of ridge. over broken ground.

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.

53.00 Begin descent along SW. slope, over broken ground.

67.00 Bottom of descent.

Chains

72.40 Trail: bears S. 60° E.; ascend over rolling ground.

79.80 The cor. of secs. 13. 14. 23. and 24.
Land, broken.
Soil, sandy; 2nd + 3rd rates.

N. 0°01' W. bet. secs. 13. and 14.
Over rolling foot hills.

3.00 Trail; bears N. 50° W.

30.00 Pass: bears NE. and SW.: ascend

34.00 Top of ascent; 40 ft.; descend along NE. slope

40.00 Deposit a chamfered 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.
Ascend.

43.00 Top of ascent. 30 ft. above cor.: begin gradual descent, along N. slope

52.00 Enter basin like bottom: bears SE. and NW.

60.00 Trail; bears N. 60° W.

61.00 Leave valley, E. & W.; ascend over low rolling hills.

63.00 Top of ascent. 30 ft.: thence over rolling ground.

80.00 Deposit a chamfered 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 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 12. on NE.
R 38 W S 13. on SE.
S 14. on SW. and
S 11. on NW. faces. with 4 notches on S. and 1 on E. edges.

Chains.

Land. broken prairie
Soil. 3rd rate.

S. 89°46' E. on a random line bet. secs. 12 & 13.

40.00 Set 3 mp. 1/4 sec. cor.

79.88 Intersect E. bdy. of Tp. 3 lks. N. of the cor. of secs. 7. 12. 13. and 18.
Thence I run
N. 89°45' W. on true line bet. secs. 12 & 13.
Over level ground.

10.00 Begin abrupt ascent along S.E. slope.

16.00 Top of ascent 100 ft. high: ascend along SE. face of range.

28.00 Top of ascent on ridge: 150 ft.: thence descend over broken ground, along SW. face.

39.94 Deposit a chamfered 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.

72.00 Bottom of descent: thence over rolling foot hills.

79.88 The cor. of secs. 11. 12. 13. and 14.
Land, broken prairie.
Soil, sandy; 3rd rate.

N. 0°01' W. bet. secs. 11 and 12.
Over rolling foot hills: ascending slightly.

18.00 Begin gradual descent along N. slope.

26.00 Enter basin like bottom; bears NE. & SW.

40.00 Deposit a chamfered 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.

Chains.

41.00 Begin abrupt ascent along S.E. slope of range.

47.00 Top of ascent, 75 ft. high; thence ascend along S.E. face, over broken ground.

61.00 Top of range; 100 ft. high; bears E. & W.; descend along N. face, over broken ground.

77.00 Begin gradual descent along N. slope.

80.00 Deposit a chained 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
T23N S1. on N.E.,
R38W S12, on S.E.,
S11. on S.W. and
S2, on N.W. faces. with 5 notches on S. and 1 on E. edges.
Land, broken prairie.
Soil, sandy; 1st and 3rd rate.

S. 89° 45' E. on a random line bet. secs. 1 & 2.

40.00 Set temp. ¼ sec. cor.

79.92 Intersect E. bdy. of Tp. 18 lks. N. of the cor of secs. 1, 6, 7, and 12.
Thence I run.
N. 89° 37' W. on true line bet. secs. 1 and 12
Along S. face of range.

5.00 Begin gradual descent along W. slope.

35.00 Bottom of descent: ascend along N.E. slope of low range.

39.80 Top of ascent, 40 ft.: ascend slightly over rolling ground.

39.96 Deposit a chained stake 12 ins. in the ground for ¼ sec cor.: dig pits 18 x 18 x 12 ins. E. & 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.

Chains.

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

49.00 Top of ascent, 20 ft. above ¼ cor.: descend slightly over rolling ground.

64.00 Bottom of descent: thence, ascend along N.E. slope.

79.92 The cor. of secs. 1, 2, 11, and 12.
Land, broken.
Soil, sandy; 3rd rate.

November 18, 1895.

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

40.00 Set temp. ¼ sec. cor.

79.61 Intersect the N. bdy. of Tp. 8 lks E. of the cor. of secs. 1, 2, 35, and 36.
Thence I run
S. 0° 05' E. on true line bet. secs. 1 and 2.
Ascend along N.E. slope.

6.00 Top of ascent on E. face of bluff.: descend along W. face of ridge.

20.00 Begin abrupt descent along S.E. slope.

22.00 Bottom of descent, in neck of valley.

26.00 Begin ascent along N.E. slope.

37.00 Top of ascent, on E. face of ridge: descend over rolling ground

39.61 Deposit a chained 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

50.00 Foot of descent, in neck of valley.

52.30 Trail; bears E. & W.

64.00 Begin gradual ascent along N.E. slope.

79.61 The cor of secs. 1, 2, 11, and 12.
Land, broken.
Soil, sandy; 2nd and 3rd rates.

November 23, 1895.

Chains

From the cor. of secs. 2. 3. 34. and 35. which is an oak post 4 ins. sq. 1 ft. above ground. marked T23N S35, on NE.
R38W S2. on SE.
T22N S3. on SW. and
S34. on NW. faces with 2 notches on E. and 4 on W. edges. - pits 24 x 24 x 12 ins in each sec 5½ ft. dist. and mound of earth 5 ft base 2½ ft high W. of cor. - I run
N. 0°02' W. bet. secs. 34 and 35.
Over rolling land, on top of bluff.

2.00 Begin abrupt descent along NE. slope.
12.00 Bottom of descent, in neck of valley.
26.00 Foot of range: bears N. 70° E.; ascend abruptly.
37.00 Top of ascent, on E. face of bluff: 100 ft. high. thence, descend along NE. face.
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 Bottom of descent, in gulch; ascend along SE. slope.
52.00 Top of ascent; begin gradual descent along NE. slope.
76.00 Bottom of descent, enter level land, NW. & SE.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 26. 27. 34. and 35; 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
T23N S26. on NE.
R38W S35. on SE.
S34. on SW. and
S27. on NW. faces. with 2 notches on E. and 1 on S. edges.

Chains.

Land, broken prairie.
Soil sandy; 2nd and 3rd rates.

S. 89°57' E. on a random line bet. secs. 26. & 35.
40.00 Set temp. ¼ sec. cor.
79.82 Intersect N. & S. line at the cor. of secs. 25, 26. 35. and 36.
Thence I run
N. 0°02' W. on the line bet. secs. 26, and 35.
Over rolling ground, along W. slope.

15.00 Begin slight descent, along W. slope.
20.00 Bottom of descent; thence over nearly level ground.
29.85 Trail; bears N. 30° W.
39.91 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 nearly level land.
79.82 The cor. of secs. 26. 27. 34. and 35.
Land. rolling bottom.
Soil. sandy; 2nd rate.

N. 0°02' W. bet. secs. 26. and 27.
Over level ground.
3.30 Wire fence: course N. & W.
4.00 Enter circular alkali basin.
21.00 Leave " " ascend along S.E. slope, over broken ground.
39.00 Top of ascent on ridge: 75 ft. above valley.
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
1/4 S, on W. face.

Descend abruptly along NE. slope.

48.00 Bottom of descent; enter level land. NW. and SE.

50.00 Trail; bears N. 10° W.

64.40 " " N. 20° E.

76.00 Begin gradual ascent, along S.E. slope.

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 22. 23. 26. and 27.: 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 23. on NE.
R 38 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. R. M. Moran's sod house bears S. 44° 20' E. about 10 chs. dist.

Jura Yauney's house bears S. 16° 30' E. about 40 chs. dist.

Land. sand hills, and rolling bottom.

Soil. 2nd and 3rd rate.

S. 89° 51' E. on a random line bet. secs. 23 & 26.

40.00 Set temp. 1/4 sec. cor.

79.53 Intersect N. & S. line 10 lks S. of the cor of secs. 23. 24. 25. and 26.

Thence I run
N. 89° 55' W., on true line bet. secs. 23 and 26.

Ascend along E. slope of low ridge.

4.80 Top of ascent, 20 ft.: bears N. & S.: descend slightly along SW. slope.

10.00 Enter neck of valley: bears SE. and NW.

14.00 Trail. Course N 10° W

16.00 Begin gradual ascent along SE. slope of ridge.

21.00 Top of ascent, 20 ft.: descend.

chains.

28.00 Enter valley.

37.10 Wire fence: bears N. 60° W.

38.30 Trail; bears N. 70° E.

39.94 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.

R. M. Moran's house bears S. 81° W.

Jura Yauney's " " S. 33° 40' W.

49.00 Trail: bears N. 80° E.

64.00 Begin ascent along S.E. slope of range.

73.00 Trail: bears N. & S.

79.88 The cor. of secs. 22. 23. 26. and 27.

Land. broken prairie.

Soil. sandy; 1st and 3rd rate.

N. 0° 02' W. bet. secs. 22, and 23.

Ascend along S. face of range.

8.00 Top of range, 40 ft. high: bears E. & W. thence over rolling land.

21.00 Begin gradual descent along NE. slope.

23.00 Trail: bears N. 20° W.

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.

45.00 Bottom of descent in W. end pass.

45.30 Trail: bears N. 80° W.: ascend along S. slope of range.

52.00 Top of bluff. 40 ft. above cor.: thence over rolling ground along S. face.

69.00 Top of range: NW. & SE. 80 ft. high.

Chains.

71.00 Begin gradual descent along N. slope, over low ridges.

80.00 Deposit a chained 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 23 N S 14. on NE.

R 38 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

Soil. sandy; 3rd rate.

S. 89°55' E. on a random line bet. secs. 14 & 23.

40.00 Set temp. ¼ sec. cor.

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

Thence I run

N. 89°55' W. bet. secs. 14 and 23.

Descend along NW. slope of range, over ridges.

20.00 Bottom of descent in pass: ascend along SE. slope.

39.90 Deposit a chained 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 ascent. on range: bears NE. and SW.

62.30 Wire fence: bears N. 10° E.; descend along SW. slope of range.

75.00 Bottom of descent, in depression: NW. & SE. Ascend along SE. slope.

79.80 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.

Descend along NE. slope.

15.00 Bottom of descent: thence over rolling ground.

24.00 Enter E. end of valley.

31.00 Leave valley: begin gradual ascent along S. slope.

40.00 Deposit a chained 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 Top of ascent, 40 ft.; bears NE. and SW. thence, over low ridges.

60.00 Begin gradual descent along N. slope.

64.94 Wire fence: bears N 45° W

71.00 Enter valley; E. and W.

80.00 Deposit a chained 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.

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 38 W S 14. on SE.

S 15. on SW. and

S 10. on NW. faces. with 4 notches on S. and 2 on E. edges.

Land. broken prairie.

Soil. sandy and alkali; 3rd rate.

S. 89°55' E. on a random line bet. secs. 11 and 14.

40.00 Set temp. ¼ sec. cor.

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

Thence I run

N. 89°55' W. on true line bet. secs. 11 and 14.

Chains.

Ascend slightly.

1.00 Top of ridge; 10 ft. high; N. & S. thence descend along W. slope.

13.00 Enter circular bottom.

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.

53.56 Trail; bears N. 70° W.

59.00 Leave bottom: ascend along S.E. slope.

62.00 Top of ascent, 40 ft.; thence descend along S.W. slope, over low hills.

70.00 Bottom of descent; enter level land.

79.84 The cor. of secs. 10. 11. 14. and 15.

Broken prairie.

Soil sandy; 3rd rate.

November 19, 1895.

N. 0° 02' W. bet. secs. 10 and 11.

Ascend slightly over rolling land.

18.00 Top of ascent, 30 ft.; thence descend along N. slope.

23.40 Trail. bears N. 50° W.

33.00 Bottom of descent; thence over rolling land.

Enter plowed field; bears E. and 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.

40.06 Wire fence: bears E. and W.

44.00 Leave plowed field, enter level ground: E. & W.

51.00 Enter marsh: E. & W.

64.13 Wire fence. bears N. 20° W. and reverse.

71.26 " " " N. 60° E. " "

Chains

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 2. 3. 10. and 11.; 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 2. on NE.

R 38 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.

From this cor. Weis' sod house bears S. 18° 29' W.

Rolling upland. and level marsh.

Soil. sandy; 2nd & 3rd rate.

S. 89° 55' E. on a random line bet. secs. 2 and 11.

40.00 Set temp. ¼ sec. cor.

79.50 Intersect N. and S. line at the cor. of secs. 1. 2. 11. & 12.

Thence Run

N. 89° 55' W. on true line bet. secs. 2 and 11.

Ascend slightly along N.E. slope.

14.00 Top of ascent. 20 ft.: thence over rolling ground along N. slope.

23.00 Ridge, 50 ft. above valley; bears N. & S.; descend along NW. slope.

39.90 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.

44.00 Enter valley; bears NE. and SW.

56.00 Enter marsh; N. & S.

73.76 Wire fence; bears N. 40° E.

79.80 The cor. of secs. 2. 3. 10. and 11.

E. half of line is sand hills; balance, level bottom partly wet and marshy.

Soil. 1st and 3rd rates.

Chains.

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

40.00 Set temp. ¼ sec. cor.

80.06 Intersect N. bdy. of Tp. 4 lks. W. of the cor. of secs. 2. 3. 34. and 35.

Thence I run

South, on true line bet. secs. 2 and 3.

Over level ground.

11.00 Begin ascent along NE. slope of range.

37.00 Top of ascent, on E. face of range.

40.06 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 Top of range, on E. face; 100 ft. high: Thence over broken ground.

47.00 Begin descent along S.E. face.

55.00 Begin abrupt descent, along S.E. slope.

60.00 Bottom of descent: enter level ground.

66.30 Wire fence; bears N. 70° E., on S. side of Trail, with same course

68.00 Enter dry bed of cane slough.

80.06 The cor. of secs. 2. 3. 10. and 11.

Land, broken hills, and level bottom.

Soil, sandy; 1st and 3rd rate.

November 23, 1895.

From the cor. of secs. 3-4-33-34, which is a mound of earth 5 ft. base 2 ft. high; pits 24-24-12 ins. in each sec. 5 ft dist. In SE. pit, an oak stake 2 ins. sq. 1 ft. above ground, marked T23NS34, on NE. R38WS3, on SE.; T22NS4, on SW. and S33, on NW. faces, with 3 notches on E. and W. edges

I run

N. 0°03' W. bet. secs. 33 and 34.

Over rolling ground.

2.00 Begin ascent along SW. slope, over ridges and ravines.

30.00 Top of ascent, on W. slope.: Thence along W. slope, over ridges

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

½ S., on W. face.

43.00 Begin gradual descent, along NW. slope.

77.00 Enter neck of valley: bears NE. and SW.

78.20 Trail: bears N. 75° E.

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

T23NS27, on NE.

R38WS34. on SE.

S33. on SW. and

S28. on NW. faces with 1 notch on S. and 3 on E. 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.

S. 89°51' E. on a random line bet. secs. 27 and 34.

40.00 Set temp. ¼ sec. cor.

79.90 Intersect N. and S. line 3 lks. S. of the cor. of secs 26. 27. 34. and 35.

Thence I run

N. 89°52' W. on true line bet. secs. 27 and 34

Over level land.

5.00 Begin gradual ascent along NE. slope.

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 N. face.

52.00 Top of ascent, on N. face of ridge: Thence along N. slope of range.

64.00 Begin descent along NW. slope.

78.00 Trail, bears N. 75° E.: at bottom of descent.

79.90 The cor. of secs. 27. 28. 33. and 34

Land, rolling prairie.

Soil, sandy; 3rd rate.

chains.

N. 0°03' W. bet. secs. 27 and 28.

Ascend abruptly along S.E. slope of range.

7.00 Top of ascent; 50 ft. above cor.; thence ascend over broken land, along S. face of range.

18.00 Top of range; 125 ft. bears NE. and SW.

29.00 Begin gradual 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 in S. side of pass: bearing NE & SW.

42.00 Bottom of descent, in pass; ascend gradually along S. slope.

50.00 Top of ascent 50 ft.; thence over rolling ground.

64.00 Begin gradual descent along NW. slope

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 23 N S 22. on NE.

R 38 W S 27. on SE.

S 28. on SW. and

S 21. on NW. faces. with 2 notches on S. and 3 on E. edges.

This cor. is at bottom of descent, on N. slope.

Land. Broken prairie.

Soil. sandy; 3rd rate.

S. 89°52' E, on a random line bet. secs. 22 & 27.

40.00 Set temp. ¼ sec. cor.

79.90 Intersect N. and S. line 2 lks. S. of the cor. of secs. 22, 23, 26, and 27.

Thence I run

N. 89°53' W. on true line bet. secs. 22 and 27.

chains.

Ascend gradually, along S.E. slope.

10.00 Begin abrupt ascent along S.E. face.

16.00 Top of bluff, 40 ft. above cor. ascend gradually.

32.00 Top of ascent, 70 ft. descend over broken ground along SW. face.

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 N. face.

60.00 Begin gradual descent along SW. face.

69.00 Bottom of descent, in pass; ascend over broken ground.

69.40 Trail; bears N 35° W. and S. 50° E.

77.30 " " S. 60° W.

79.90 The cor. of secs. 21, 22, 27, and 28.

Land, broken.

Soil, sandy; 3rd rate.

N. 0°03' W. bet. secs. 21 and 22.

Descend over rolling land.

0.90 Trail: bears N. 70° W.

2.00 Enter alkali flat.

35.00 Leave valley; ascend gradually, along S. 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.

52.00 Trail: bears N. 20° W.

57.00 Top of ascent on range E. & W. 80 ft. high; thence over broken land, along NW. face.

75.00 Begin gradual descent along NW. slope.

80.00 Set an oak post, 3 ft. long 4 ins. sq. with

Chains

a charred stake 24 ins. in the ground. for the cor. of secs. 15. 16. 21. and 22. marked
T 23 N S 15. on NE.
R 38 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 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 prairie.
Soil. sandy and alkali: 3rd rate.

S. 89° 53' E. on a random line bet. secs. 15 & 22.
40.00 Set temp. ¼ sec. cor.
79.80 Intersect N. & S. line 10 lks. N. of the cor. of secs. 14. 15. 22. and 23.
Thence I run
N. 89° 49' W. on true line bet. secs. 15. and 22.
Over rolling ground on top of range.
8.00 Begin gradual descent along NW. slope.
36.00 Enter alkali flat: N & S.
39.90 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18 x 18 x 12 ins. E. & 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.
51.50 Trail: bears N. 40° W.
57.00 Begin ascent along NE. slope.
65.00 Top of ascent; thence over rolling ground on top of range.
71.00 Begin gradual descent along NW. slope
79.80 The cor. of secs. 15. 16. 21. and 22.
Land. broken.
Soil. sandy and alkali; 3rd rate.

N. 0° 03' W. bet. secs. 15 and 16.
Descend along NW. slope: over rolling ground.

Chains
15.00 Bottom of descent; Enter valley, E & W.
26.60 Trail; bears N. 40° W.
37.00 Leave valley, E & W; ascend along SE. 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
62.00 Top of ascent, 80 ft.: range lies E. & W.
67.00 Begin descent along NE. slope.
76.00 Enter Valley: bears NW. and SE.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 9. 10. 15. and 16.: 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 10. on NE.
R 38 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. rolling or broken prairie.
Soil. sandy and alkali: 3rd rate.

S. 89° 49' E. on a random line bet. secs. 10 and 15.
40.00 Set temp. ¼ sec. cor.
79.82 Intersect N. and S. line 12 lks S. of the cor. of secs. 10. 11. 14. and 15.
Thence I run
N. 89° 54' W. on true line. bet. secs. 10 & 15.
Over level land.
26.00 Begin ascent along SE. slope.
38.00 Top of ascent,: descend along SW. slope.
39.91 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18 x 18 x 12 ins.

Chains.

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.

41.24 Wire fence: bears N. 70° W.
49.00 Enter valley. Esw.
53.22 Trail: bears N. 65° W.
54.00 E. edge alkali lake.
61.00 W. " " " thence over rolling land.
79.82 The cor. of secs. 9. 10. 15. and 16.
Land. broken prairie.
Soil: sandy, and alkali: 3rd rate.
November 20, 1895.

N. 0° 03' W. bet. secs. 9 and 10.
Over rolling valley:
9.50 Trail: bears N. 78° W.
11.00 Leave valley: ascend gradually along S slope.
13.35 Wire fence: bears N. 80° W.
27.00 Top of ascent, 100 ft.; thence over broken ground.
40.00 Deposit a chained 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.
From the cor. Carrie Weis's sod house bears N. 13° 30' E.; about 25 chs. dist.
42.00 Begin gradual descent along N. slope.
45.55 Wire fence: bears N. 80° E.
56.50 Trail, at bottom of descent: bears N. 70° W.
64.74 Wire fence: bears E&W.
64.90 Trail: " "
69.00 Begin ascent along S. face of bluff.
74.00 Top of ascent. 50 ft.: thence ascend over broken ground.

Chains.

80.00 Set an oak post 3 ft. long 4 ins. sq. with a chained stake 24 ins. in the ground for cor. of secs. 3. 4. 9. and 10. marked
T 23 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 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 prairie.
Soil. sandy; 3rd rate.

S. 89° 54' E. on a random line bet. secs 3 & 10.
40.00 Set temp. ¼ sec cor.
79.58 Intersect N. & S line at the cor of secs 2. 3. 10. and 11.
Thence I run
N. 89° 54' W. on true line bet. secs. 3 & 10.
Through dry bed of cane slough.
15.00 Leave cane slough: Over level land.
28.27 Wire fence: bears N. 5° E.
30.00 Begin gradual ascent along S.E. slope.
30.32 Wire fence bears S. 70° W.
31.00 Trail: " " begin ascent along S.E. slope of range.
39.94 Deposit a chained 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
54.00 Top of ascent 60 ft. Over broken land along S. face of range.
73.60 Sand peak or ridge: descend along W. face.

chains.

79.88 The cor. of secs. 3. 4. 9. & 10.
Land, level bottom, and broken hills.
Soil, sandy; 1st and 3rd rates.

N. 0°03' W. on a random line bet. secs. 3 & 4.

40.00 Set temp. ¼ sec. cor.

79.92 Intersect N. bdy. of the Tp. 20 lks. E. of the cor. of secs. 3. 4. 33. and 34.

Thence I run
S. 0°12' E. on true line bet. secs. 3 and 4.
Over rolling land.

3.00 Trail; bears N. 25° E. & S.
6.00 Leave trail.
9.00 Trail, parallel to railroad.
10.00 Wire fence. " "
10.25 Telegraph line " "
10.83 Center of track, Burlington and Missouri River railway; bears S. 86° 28' W. & reverse.
11.67 Wire fence " " - Enter level ground.
18.00 Enter marsh. E & W.
21.50 Leave "
30.06 Begin gradual ascent along N. slope.
39.92 Deposit a chained 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.
45.64 Wire fence; bears E. and W.
60.00 Top of ascent 100 ft.; Thence over broken ground.
72.00 Begin descent along S. face.
79.92 The cor. of secs. 3. 4. 9. and 10.
Land, level bottom, and broken hills.
Soil, sandy 1st and 3rd rates.

November 23, 1895.

From the cor. of secs. 4. 5. 32. and 33, which is an oak post, 4 ins. sq. 1 ft. above ground, marked T23NS33, on N.E.; R38WS4, on S.E.; T22NS5, on S.W., and S32, on N.W. faces, with 4 notches on E. and 2 on N. edges. Pits 24x24x12 ins. in each sec. 5½ ft. dist.; and a mound of earth 5 ft. base 2½ ft. high W. of cor. — II Run

chains.

N. 0°04' W. bet. secs. 32 and 33.
Ascend over rolling ground.

10.00 Top of ascent, 40 ft.; on ridge.
15.00 Begin descent along N.E. slope.
25.00 Enter rolling land; E. and W.
40.00 Deposit a chained 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 Deposit a chained 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
T23NS28, on N.E.
R38WS33, on S.E.
S32, on S.W. and
S29, on N.W. faces, with 1 notch on S. and 4 on E. edges.
Land, rolling and broken.
Soil, sandy; 3rd rate.

S. 89° 51' E. on a random line bet. secs. 28 & 33.

40.00 Set temp. ¼ sec. cor.
79.96 Intersect N. & S. line 4 lks. N. of the cor. of secs. 27. 28. 33. and 34.

Thence I run
N. 89° 49' W. on true line bet. secs. 28 and 33.
Over rolling ground.

8.00 Begin gradual ascent along S.E. slope.
16.00 Top of ascent, 50 ft.; thence along S. face of range.
28.00 Descend gradually along S.W. slope.
39.98 Deposit a chained stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18x18x12 ins. E. & 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.

42.00 S. face of ridge: descend abruptly.
59.00 " " descend gradually along SW. face.
74.90 Trail: bears N. and S.: thence over rolling ground.
79.96 The cor. of secs. 28. 29. 32. and 33.
Land Rolling prairie.
Soil. sandy; 3rd rate.

N. 0°04' W. bet. secs 28 and 29.
Over rolling foot hills.

15.00 Begin gradual ascent along S.E. slope.
25.00 Top of ascent 50 ft.; thence over ridge, along E. face of range.
36.00 Begin gradual descent along NE. slope.
40.00 Deposit a chaned 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 Bottom of descent: thence over rolling land.
60.00 Enter valley; bears NE. & SW. – alkali flat.
Trail. course N. 20° W.
80.00 Deposit a chaned 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 SE. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T 23 N S 21. on NE.
R 38 W S 28. on SE.
S 29. on SW. and
S 20. on NW. faces with 2 notches on S and 4 on E. edges.
Land. sand hills. and alkali bottom
Soil. 3rd rate

Chains

S. 89°49' E. on a random line bet. secs. 21 and 28.

40.00 Set temp. ¼ sec. cor.
79.96 Intersect N. & S. line 14 lks. N. of the cor. of secs. 21. 22. 27. and 28.
Thence I run
N. 89°43' W. on true line bet. secs. 21 and 28.
Over rolling land along NW. slope.

14.00 Pass: bears NE. and SW.: begin gradual ascent along SE. slope. of range.
17.00 Top of ascent: thence over low ridges, and ravines.
39.98 Deposit a chaned 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.
Ascend along S. slope. over ridges.

48.00 Top of ascent; thence over rolling ground on top of range 40 ft. high:
60.00 Begin descent along W. slope, over rolling ground.
68.00 Bottom of descent: thence over rolling valley.
79.96 The cor of secs. 20. 21. 28. and 29.
Land. broken.
Soil. sandy: 3rd rate.

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

25.85 Trail: bears N. 70° W. & reverse.
30.00 Leave bottom: ascend gradually along S. slope.
40.00 Deposit a chaned 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 Top of ascent on S. face of range - about 60 ft. high.
61.60 Top of range: NW. & SE.: descend over ridges

Chains.

along N. face.

76.00 Begin abrupt descent along N. slope.

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 23 N S 16. on NE.

R 38 W S 21. on SE.

S 20. on SW. and

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

Land. broken sand hills. and alkali bottom.

Soil. 3rd rate.

S. 89° 43' E. on a random line bet. secs 16 & 21

40.00 Set temp. ¼ sec. cor.

80.00 Intersect N. & S. line 5 lks. S. of the cor. of secs 15. 16. 21. and 22.

Thence I run

N. 89° 45' W. on true line bet. secs. 16 & 21.

Over rolling land.

3.00 Begin descent along Sw. slope.

16.70 Trail: bears N. 5° W. and S. 30° E.

30.00 Bottom of descent: thence over rolling foot hills.

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.

70.00 Begin ascent along NE. slope over low ridges.

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

Land rolling prairie.

Soil. sandy; 3rd rate.

Chains.

N. 0° 04' W. bet. secs. 16 and 17.

Descend gradually, along N. slope.

12.00 Bottom of descent; enter valley: E. & NW.

12.60 S. edge of a sod house bears E. 50 lks. dist.

21.32 Trail: bears N. 65° E.

32.00 Leave valley: ascend gradually along S. 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

60.00 Top of range: 100 ft. high: thence over broken land.

72.22 Wire fence: bears E. and W.

76.00 Begin gradual descent, along N. slope.

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 23 N. S. 9. on NE.

R 38 W S 16. on SE.

S 17. on SW. and

S 8. on NW faces. with 4 notches on S. and E. edges.

Land. broken sand hills. and level valley.

Soil. 2nd and 3rd rate.

S. 89° 45' E. on a random line bet. secs 9 & 16.

40.00 Set temp. ¼ sec. cor.

80.06 Intersect N. and S. line 2 lks. S. of the cor of secs 9. 10. 15. and 16.

Thence I run

N. 89° 46' W. on true line bet. secs. 9 & 16.

Chains.

Descend along NW. slope.

20.00 Bottom of descent: enter rolling land.

23.94 Trail: bears N. 45° W.

35.00 S. edge of valley:

40.03 Deposit a chained 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.

Ascend gradually along N.E. slope.

58.00 Top of ascent: thence over ridges. along N. slope of range.

72.16 Wire fence: bears N. and S.: on ridge N. & S.: over rolling ground along top of bluff.

80.06 The cor. of secs. 8. 9. 16. and 17.
Land. rolling.
Soil. sandy: 2nd and 3rd rate.

November 21, 1895.

N. 0° 04' W. bet. secs. 8 and 9.

Descend gradually along N. slope.

16.00 Enter alkali valley: E. & W.

22.30 Trail: bears S. 60° W. and N. 70° E.

25.00 Begin abrupt ascent along SE. slope.

30.00 Top of ascent. 60 ft.: thence along SE. face of range.

40.00 Deposit a chained 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 in N. edge of depression.

41.44 Wire fence: bears N. 30° W.

44.00 Top of ascent 150 ft. high: NW. and SE.

49.50 Begin abrupt descent along N.E. slope.

Chains.

60.00 Bottom of abrupt descent: descend along N. slope.

76.00 Enter valley: bears E. & W.

78.80 Trail: bears S. 75° E. and N. 60° W.

80.00 Deposit a chained 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. — Begin
In S.E. 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 38 W S 9. on SE.
S 8. on SW. and
S 5. on NW. faces with 5 notches on S. and 4 on E. edges.

Land. rolling and broken.
Soil. sandy: 2nd and 3rd rate.

S. 89° 46' E. on a random line bet. secs. 4 and 9.

40.00 Set temp. ¼ sec. cor.

80.08 Intersect N. & S. line 6 chs. S. of the cor of secs. 3. 4. 9. and 10.

Thence I run
N. 89° 49' W. on true line bet. secs. 4 and 9.

Ascend over broken ground.

2.00 Ridge NW. & SE.: 40 ft. high.

20.00 Begin descent along SW. slope: over broken ground.

40.04 Deposit a chained 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 Enter valley. NW. and SE.

61.00 Trail: bears S. 80° E. & reverse.

80.08 The cor. of secs. 4. 5. 8. and 9.
Land. level bottom and broken sand hills.
Soil. 2nd and 3rd rate.

Chains

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

40.00 Set temp. ¼ sec. cor.

79.98 Intersect N. bdy. of the Tp. 5 lks. E. of the cor. of secs. 4. 5. 32. and 33.

Thence I run

S. 0°06' E. on true line bet. secs. 4 and 5.

Over broken ground.

5.40 Begin descent along SW. slope. over broken ground.

19.43 Trail: bears S. 81°37' W.

19.80 Wire fence " "

20.43 Telegraph line: bears "

20.88 Center of track, Burlington and Missouri River railroad: bears S. 81°37' W.

21.65 Wire fence " " Enter level ground.

35.00 Leave valley: bears S 70° E: ascend gradually along NE. slope

39.98 Deposit a chained 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 Top of ascent. 75 ft.: thence along top of range.

58.00 Begin descent along S. face.

65.00 Begin gradual descent along S. slope.

79.64 Trail: bears E. and W.

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

Land. broken sand hills, and level bottom.

Soil. 1st and 3rd rates. Nov. 25, 1895.

From the cor. of secs. 5. 6. 31. and 32. which is a mound of earth 5 ft. base. 2 ft high: pits 24.24.12 ins. in each sec. 5 ft. dist. In SE. pit, an oak stake 2 ins. sq. 1 ft. above ground, marked T23NS32, on NE., R38WS5, on SE. T22NS6, on SW., and S31, on NW. faces. - 3 notches on E, and 1 on W. edges.

II run

N. 0°05' W. bet. secs. 31 and 32.

Over level land.

11.00 Enter plowed field: extends 5 or 6 chs. E. & W.

13.00 Leave " "

15.75 Trail: bears N. 80° E.

16.00 Begin ascent along SE. slope

20.00 Top of ascent on S. edge of range.: ascend along S. face.

Chains.

30.00 Top of range; E. & W.; thence over rolling ground

40.00 Deposit a chained 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.

48.00 Begin gradual descent along N. slope.

60.00 Bottom of descent; thence over rolling ground.

80.00 Deposit a chained stake 12 ins. in the ground for cor. of secs. 29. 30. 31. and 32.; 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 SE. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins in the ground. marked.

T23NS29, on NE.

R38WS32, on SE.

S31. on SW. and

S30. on NW. faces. with 1 notch on S. and 5 on E. edges.

Land. broken sand hills. and level bottom.

Soil. 1st and 3rd rates.

S. 89°57' E. on a random line bet. secs. 29 & 32.

40.00 Set temp. ¼ sec. cor.

79.88 Intersect N.T.S. line 18 lks. S. of the cor. of secs. 28. 29. 32. and 33.

Thence I run

N. 89°59' W.: on true line bet. secs. 29 and 32.

Descend over rolling ground.

13.00 Enter basin-like bottom. N.W. & S.E.

39.94 Deposit a chained 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.

chains

44.94 Trail: bears N. 20° W.; thence over rolling ground.

79.88 The cor. of secs. 29, 30, 31, and 32.

Land. Rolling bottom.

Soil. sandy; 2nd rate.

N. 89° 51' W. on a random line bet. secs. 30 & 31.

40.00 Set temp. ¼ sec. cor.

82.08 Intersect W. bdy. of Tp. 20 lks. S. of the cor. of secs. 25, 30, 31, and 36.

Thence I run

S. 89° 42' E. on true line bet. secs. 30 & 31.

Ascend over rolling ground along W. face of low hills.

12.00 Top of ascent. 30 ft.; thence over rolling foot hills.

42.08 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.

80.00 Begin gentle descent along N.E. slope.

82.08 The cor. of secs. 29, 30, 31, and 32.

Land. rolling foot hills.

Soil. sandy: 3rd rate.

N. 0° 05' W. bet. secs. 29 and 30.

Descend gently.

10.00 Bottom of descent, in neck of basin.

14.00 Begin gradual ascent along S. slope of range over rolling ground.

39.00 Top of ascent on top of range; bears E. & 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.

Chains.

48.00 Begin gradual descent along N. slope.

66.00 Enter rolling valley; bears E. & W.

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 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 38 W S 29. on SE.

S 30. on SW. and

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

From this cor. Grain's house bears N. 30° E. about 40 chs. dist.

Land. mostly sand hills.

Soil. 2nd and 3rd rates.

S. 89° 59' E. on a random line bet. secs. 20 & 29.

40.00 Set temp. ¼ sec. cor.

79.52 Intersect N & S line 8 lks N. of the cor. of secs. 20, 21, 28, and 29.

Thence I run

N. 89° 56' W. on true line bet. secs. 20 & 29.

Over rolling ground.

7.62 Trail: bears N. 20° W., ascend slightly.

20.00 Top of ascent, 15 ft. above cor.; thence over rolling ground.

30.00 Begin gentle ascent along NE slope of foothills.

39.91 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18 x 18 x 12 ins. E. & 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.

From this cor. Grain's sod house bears N. 6° 35' E. about 25 chs. dist.

Chains.

41.00 Top of ascent; thence along N. slope over rolling ground.

43.90 Trail: bears N. 10° E.: descend slightly, over rolling ground.

79.82 The cor. of secs. 19, 20. 29, and 30.

Land, rolling prairie.

Soil, sandy; 2nd and 3rd rate.

N. 89°42' W. on a random line bet. secs 19 & 30.

40.00 Set temp. ¼ sec. cor.

81.84 Intersect W. bdy. of Tp. 3 lks. N. of the cor. of secs. 19, 24, 25, and 30.

Thence I run

S. 89°43' E. on true line bet. secs. 19 and 30.

Over level land, in basin-like bottom

7.02 Wire fence; bears N. and S.

15.00 Enter plowed field; extends N. & S. about 5 chs.

30.34 Leave " " " " "

41.84 Deposit a chained 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.

Ascend slightly along NW. slope.

62.00 Top of ascent, 10 ft. thence over rolling ground.

81.84 The cor. of secs. 19, 20, 29, and 30.

Land, rolling and level bottom.

Soil, sandy; 1st and 3rd rate.

N. 0°05' W. bet. secs. 19 and 20.

Over nearly level land of basin-like bottom.

30.00 Begin gentle ascent along S. slope.

35.15 Trail: bears N. 80° E.

40.00 Deposit a chained 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

Chains

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 Trail: N. 30° E.; ascend abruptly.

51.10 Same trail; bears N. 30° W.

59.00 Top of ascent, on E. face of ridge.

69.00 " " 100 feet; descend along N. slope over rolling ground.

80.00 Set an oak post 3 ft. long 4 ins. sq. with a chained stake 24 ins. in the ground. for cor of secs. 17, 18, 19, and 20. marked

T 23 N S 17, on NE.

R 38 W S 20, on SE.

S 19, on SW. and

S 18, on NW. faces. with 3 notches on S. and 5 on E. 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, level bottom, and broken sand hills.

Soil, sandy; 1st and 3rd rates.

S. 89°56' E. on a random line bet. secs. 17 and 20.

40.00 Set temp. ¼ sec. cor.

79.84 Intersect N. & S. line at the cor. of secs. 16, 17, 20, and 21.

Thence I run

N. 89°56' W., on true line bet. secs. 17 and 20.

Ascend along NE. slope.

5.00 Top of ascent; thence along N. slope over ridges.

25.25 Trail: bears N. 20° E.

27.30 Begin descent along NW. slope.

39.92 Deposit a chained 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

Chains.

Ascend gradually along N. slope. over ridges.

47.00 Trail: bears S. 20° E.

74.00 Top of ascent; thence along N. slope.

79.84 The cor. of secs. 17. 18. 19. and 20.

Land. Rolling.

Soil. sandy; 3rd rate.

N. 89°43' W. on a random line bet. secs. 18 and 19.

40.00 Set temp. ¼ sec. cor.

81.70 Intersect W. bdy. of Tp. 14 lks. N. of the cor. of secs. 13, 18, 19, and 24.

Thence I run

S. 89°49' E. on true line bet. secs. 18 and 19.

Ascend along SW. slope.

3.85 Wire fence: bears N. and S.

30.70 Top of ascent on N. slope: thence along N. face of range, over rolling ground.

41.70 Deposit a chained 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.

Begin descent along NE. face. over ridges and ravines.

58.10 Ravine: 30 ft. deep: bears N. & S.

65.00 Begin abrupt descent, along NE. slope.

70.00 Bottom descent.; thence along NW. face.

77.70 Trail: bears N. & S.

81.70 The cor. of secs. 17. 18, 19, and 20.

Land. broken.

Soil. sandy; 3rd rate.

November 22, 1895.

Chains.

N. 0°05' W. bet. secs. 17 and 18.

Descend along N. slope.

16.00 Enter plowed field, E. & W.: extends 3 or 4 chs. E. and 6 or 7 W.

22.20 Leave plowed field, enter level land.

40.00 Deposit a chained 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

From this cor. Joe Minor's house bears N. 44°30' W.

40.30 Trail: bears S. 35° E.

42.30 Begin ascent along S. slope.

50.00 Top of ascent, on ridge 50 ft. high: bears E. & W.

62.00 Top of range; bears E. & W.

72.70 Wire fence: bears E. and W.

73.00 Begin descent along N. slope.

80.00 Deposit a chained 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.

In SE. 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 38 W S 17. on SE.

S 18. on SW. and

S 7. on NW. faces. with 4 notches on S. and 5 on E. edges.

Land. level bottom. and sand hills.

Soil. 1st and 3rd rate.

S. 89°56' E. on a random line bet. secs. 8 & 7.

40.00 Set temp. ¼ sec. cor.

79.82 Intersect N. & S. line 2 lks. S. of the cor. of secs. 8, 9, 16. and 17.

Subdivision of T. 23 N. R. 38 W.

Chains.

Thence I run
N. 89°57' W. on true line bet. secs. 8. and 17.
Over ridges, along N. slope, ascend.
5.00 Top of ascent.
18.00 Begin gradual descent along NW. slope; over rolling ground.
27.40 Trail: bears S. 30° W. & reverse.
39.91 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.
43.00 Bottom of descent, ascend gradually along NE. slope.
60.00 Top of ascent, 40 ft.: thence along N. slope. over low ridges.
79.82 The cor. of secs. 7. 8. 17. and 18.
Land. rolling prairie.
Soil. sandy: 3rd rate.

N. 89°49' W. on a random line bet. secs. 7 & 18.
40.00 Set temp. ¼ sec. cor.
81.56 Intersect W. bdy. of Tp. 2 lks S. of the cor. of secs. 7. 12, 13. and 18.
Thence I run
S. 89°48' E., on true line bet. secs. 7 and 18.
Ascend along NW. slope.
19.00 Top of ascent on N. face of range; thence descend along NE. slope, over ridges.
26.50 Wire fence. bears N. 10° E.; over broken land, along N. slope.
41.56 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.

Subdivision of T. 23 N. R. 38 W.

Chains.

Ascend along NW. slope.
50.50 Top of ascent, on ridge; N & S. thence, along N. face, over ridges.
58.50 Ridge 40 ft. high; descend over broken ground.
77.40 Trail: bears N & S.; ascend along W. slope.
80.00 Top of ascent, on ridge 30 ft. high.
81.56 The cor. of secs. 7. 8. 17. and 18.
Land. rolling
Soil. sandy; 3rd rate.

N. 0°05' W. bet. secs. 7 and 8.
Descend gradually along N. slope.
9.00 Enter valley; bears E. and W.
13.00 Enter cane slough.
18.00 Leave " "
29.00 Enter plowed field - S. 70° E. - extends 1 ch. W. and 7 or 8 chs. E.
30.60 Leave plowed field; begin gradual ascent along SW. slope. *
50.00 Top of ascent; thence over rolling ground along top of range.
61.00 Begin gradual descent along N. slope.
72.99 Wire fence: bears 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 secs. 5. 6. 7. and 8. marked.
T23NS5. on NE.
R38WS8. on SE.
S7. on SW. and
S6. on NW. faces. with 5 notches on S. and E. edges. dig pits 18x18x12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high West of cor.
Land. broken sand hills. and level bottom
Soil. sandy: 1st and 3rd rate.

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* → The ¼ Sec. cor. bet. Secs. 7 and 8, was established according to manual of instructions. and was left out of notes by copiest — Willard W. Alt
Lincoln, Neb. June 23, 1898. U. S. Surveyor.

Chains.

S. 89°57' E. on a random line bet. secs. 5 & 8.
40.00 Set temp. ¼ sec. cor.
79.80 Intersect N. and S. line 12 lks N. of the cor. of secs. 4. 5. 8. and 9.
Thence I run
N. 89°51' W. on true line bet. secs. 5. and 8.
Over rolling ground.
1.00 Trail: bears N. 40° W.
22.76 Wire fence; bears N. 10° W.
32.00 Enter marsh.
39.00 Leave " NW. and S.E.
39.90 Deposit a chained 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 ¼S, on N. face.
50.00 Leave bottom; ascend gently along NE. slope.
54.80 Enter plowed field: bears S. 70° E.
62.00 Leave " " " S. 20° W.
63.50 Wire fence: bears N. 10° W.: over rolling ground, sloping to N..
79.80 The cor. of secs. 5. 6. 7. and 8.
Land, level bottom and rolling upland.
Soil, sandy: 1st and 2nd rates.

N. 89°48' W. on a random line bet. secs. 6 & 7.
40.00 Set temp. ¼ sec. cor.
81.30 Intersect W. bdy. of Tp. at the cor. of secs. 1. 6. 7. & 12.
Thence I run
S. 89°48' E. on true line bet. secs. 6 & 7.
Ascend along NW. slope.
6.50 Top of ascent. 30 ft.: thence along N. face over ridges.
27.30 Ravine 30 ft. deep: Course N.
28.38 Wire fence: bears N. & S.
31.00 Begin descent along NE. slope.
41.30 Deposit a chained stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18X18X12 ins. E. and W.

Chains.

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 ¼S, on N. face.
61.00 Bottom of descent; thence over rolling ground, along N. slope.
64.39 Trail: bears N. & S.; descend gently.
81.30 The cor. of secs. 5. 6. 7. and 8.
Land, rolling sand hills.
Soil, sandy: 2nd and 3rd rates.

N. 0°05' W. on a random line bet. secs. 5 and 6.
40.00 Set temp. ¼ sec. cor.
80.16 Intersect N. bdy. of Tp. 18 lks E. of the temp. cor. of secs. 5. 6. 31. and 32.
Thence I run
S. 0°13' E. on true line bet. secs. 5 and 6.
Through townsite of Hyannis.
27.66 Intersect S. bdy. of the townsite of Hyannis, at a point S. 88°33' E. 1.90 chs. dist. from stone, being the SW. cor. of E. part of the townsite.
Deposit a marked stone 12 ins. in the ground for closing cor.: dig pits 18 [illegible] 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
CC; on N. and
PL; (for public land), on S. faces.
Ascend along N. slope.
37.00 Top of range 150 ft. high: bears E. & W.; thence over broken ground.
40.16 Deposit a chained 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
¼S., on W. face.

chains.
50.00 Begin abrupt descent.
64.00 Bottom of descent; enter level land: E. and W.
65.16 Trail: bears N. 60° E.
76.00 Begin gentle ascent
80.16 The cor. of secs. 5. 6. 7. and 8.
Land broken, and rolling.
Soil, sandy; 3rd rate.

November 25, 1895.

General Description.

This township is very broken; being a series of high sand hills, with narrow valleys between the ranges.
These valleys are dry, except in secs. 5. 7. 10. 11. 17. 18. 31. and 36. where they are subject to over flow, in spring, causing the growth of a rank prairie grass.
No timber of any description in the Tp. the vegetation consisting of a Bunch grass on hills, and a sand grass in dry valleys.
In Sec. 26. is the dry bed of Look out Lake. of about 60 acres.
The town of Hyannis, in secs 5 & 6. has 400 inhabitants. - two hotels, three general stores, lumber yard, two livery stables, opera house, two churches, and a good school building.

Willard H. Alt.
U. S. Surveyor.

November 25, 1895.

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chains. ← Hyannis →
The Townsite of Hyannis; on secs. 5. 6. 31. and 32. T. 23 and 24 N.: Area 325.88 acres. Being the H.E. claims of John S. Sellinger, and Wm. M. Alden.
From the NW. cor. which is a limestone 2x5x2 ins. above ground. I run
S. 1° 10' W. on a random line.
60.70 Intersect E. & W. line at the Sw. cor. of the townsite which is a stone 3x3x3 ins. above ground.
Thence I run
N. 1° 10' E. on true line along W. bdy.
Ascend along Sw. slope.
111.00 Top of ascent: descend along N. slope, over rolling ground.
20.21 A stone on line. - the S.E. cor of John S. Sellinger's Pre. claim.
35.00 Bottom of descent. thence over rolling land.
110.25 Wire fence, along railroad.
40.111 Stone, on line.
111.76 Center of track, Burlington and Missouri River railroad: bears N. 80° W.
42.34 Telegraph line " "
43.28 Wire fence " "
46.80 Closing cor. of Tp. line.
The railroad wind-mill bears S. 41° 45' W.
Congregation al church " S. 17° 15' E.
60.70 The NW. cor. of the Townsite.

From the NW. cor. I run
S. 88° 31' E. on a random line.
60.115 Intersect N. & S. line of Sec. 5. of the NE. cor. of townsite, which is a stone 3x3x2 ins. above ground.
Thence I run
N. 88° 36' W., on true line along N. bdy. of townsite.
Over rolling ground along N. slope of range.
19.00 Begin descent. along NW. slope.
26.00 Trail: at bottom of descent, bears N. 20° E., ascend along NE. slope.
35.65 Wire fence: bears N. and S.

Chains.

36.50 Top of ascent 100 ft. above valley; descend.
45.47 Wire fence, bears N. and S.
47.00 Bottom of descent; ascend along NE. slope.
52.00 Top of ascent, descend gradually along W. slope.
60.45 The NW. cor. of the claim.

From the NE. cor. of the townsite. I run
S. 1°10' W. on a random line.
40.58 Intersect E. & W. line 7 lks E. of the S.E. cor. of townsite which is a stone, with pits N. and S.
From this cor. R.S. Perkins sod house bears N. 3°30' W., 4.60 chs. dist.
Thence I run
N. 1°16' E. on true line along E. bdy.
Over rolling ground.
2.70 Trail: bears N. 70° W.
12.53 Center of track, Burlington and Missouri River railroad; bears N. 80° W.
13.12 Telegraph line " "
20.23 Stone on line - 3 x 3 x 3 ins. above ground.
28.07 Closing cor. of Tp. line.
28.50 Top of ascent; thence over rolling ground.
40.58 The NE. cor. of townsite.

From the S.E. cor. of townsite. I run
N. 88°36' W. on a random line.
20.09 Fall 2 lks. S. of the Sw. cor. of the E. part of townsite which is a stone 3 x 3 x 3 ins. above ground.
From this cor. the railroad depot bears N. 55°10' W.
Thence I run
S. 88°33' E. on true line along S. bdy. of the E. part of townsite.
Descend along NE. slope of range.
1.90 Closing cor. of line bet secs. 5 and 6.
17.00 Trail: bears NW. and SE.
20.09 The S.E. cor. of Townsite.

Chains

From the Sw. cor. of the E. part of townsite. I run
S. 1°10' W. on a random line.
20.28 Fall 2 lks E. of the S.E. cor. of W. part of claim which is a stone 3 x 3 x 3 ins. above ground.
Thence I run
N. 1°13' E. on true line along E. bdy. of the W. part of townsite.
Over broken ground, along top of range.
17.00 Begin gradual descent along N. slope.
20.28 The Sw. cor. of the E. part of townsite.

From the S.E. cor. of the W. part of townsite
I run
N. 88°36' W. on a random line.
40.09 Fall 12 lks. S of the Sw. cor. of claim.
Thence I run
S. 88°26' E. on true line along S. bdy. of the W. part of townsite.
Over broken ground, along S. face of range.
19.70 Trail; bears NWS.; ascend along SW. face.
20.04 Stone monument on line.
26.00 Top of ascent, on high point of hills. 150 ft. above valley; thence over broken ground.
40.09 The S.E. cor. of the W. part of townsite.
Land, broken sand hills.
Soil, 3rd rate. November 26, 1895.

(No 42)

The NE. claim of Isaac Beem; on Secs. 4. 5. 8. and 9; Area 160 acres.

The W. bdy. of claim is defined by a wire fence, and the N. bdy. by a line said by Mr Beem to be his N. line.
At the intersection of this line, and fence, I 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.

Chains.

In E. pit. drive an oak stake 2 ft. long 2 ins sq. 12 ins. in the ground. marked
I B: on SE. face.
Thence I run
East, on true line, along N. bdy.
Ascend.
2.00 S. face of ridge: 30 ft. high: descend
9.00 Bottom of descent: ascend along Sw. face
11.00 Wire fence: bears S. 50° E.
15.80 Top of ascent: thence along S. face.
20.00 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
I. B. on Sw. face.
From this cor. Isaac Beem's house bears S. 15° 20' W. about 40 chs. dist.
From the cor. of secs 4. 5. 32. and 33. Ts 23 & 24 N. the NE. cor of claim bears S. 15° 05' W. 7.25 chs. dist.
Lat. 7.00 S. ; Dep. 1.88 W.

From the NW. cor. of the claim. I run
South, on true line, along W. bdy.
Ascend along ridge.
2.00 Top of ridge: 20 ft. ; descend gradually.
12.60 Trail. bears S. 81° 37' W.
12.96 Wire fence " "
13.54 Telegraph line
14.13 Center of track. Burlington and Missouri River railroad: bears S. 81° 37' W.
" "
15.91 Wire fence " " enter level land.
19.16 " " " S. 2° E.
30.70 " " " N. 60° W. ascend gradually.
Trail S. of wire f... same course
48.00 Top of gradual ascent: thence ascend along N. face.
54.00 Begin descent along S. face.
73.00 Trail: bears N. 85° W.: ascend slightly along N. slope.

Chains
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
I B: on NE. face.

From the NE. cor. of the claim. I run
South, along E. bdy. of the claim.
along S. face.
7.00 Begin abrupt descent
10.30 Wire fence: bears S. 81° 37' W.
10.48 Telegraph line " "
11.20 Center of track. Burlington and Missouri River railroad: bears S. 81° 37' W.
11.95 Wire fence " " Enter valley.
14.40 " " " S. 5° E.
22.00 Enter marsh
30.00 Leave "
35.00 Begin gradual ascent. along N. slope.
40.00 Top of ascent 30 ft. high: thence along W. face of range: sod house bears W. 10 chs. dist.
52.00 Begin gradual descent along S. slope.
62.20 Trail, course S. 60° E.
63.00 Enter level land: bears S. 80° E.
72.20 Trail: " S. 60° E.
80.00 Set temp. S.E. cor of the claim.

From the Sw. cor. of claim. I run
East, on S. bdy. of claim.
Over rolling land along N. slope.
9.40 Trail: bears S. 45° E. and reverse.: Enter level ground
20.00 The temp. S.E. cor.: 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.

Chains.

In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
I B: on NW. face.
Land. mostly sand hills.
balance level bottom.
Soil. sandy: 1st and 3rd rates.
November 27, 1895.

← NO. 43 →

The T.C. claim of August Weis: on secs. 3 & 10.
Area 160 acres

This claim has no marked corners. Mr. Weis directs me to a point which he states is the middle of the W. bdy. Therefore at a point 20 chs. S. of this I 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
A W. on NE. face.

Thence I run
North, along W. bdy.
Through plowed field.
2.54 Wire fence: bears N. 80° W.: leave plowed field. enter level ground.
19.00 Begin gradual ascent, along S. slope.
17.56 Wire fence: bears S. 80° W.: Trail on N. of fence.
20.50 Begin abrupt ascent.
24.70 Top of ascent, 75 ft.: thence ascend along S. face.
30.00 Top of range. bears E. & W.: Over broken ground.
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
A W. on SE. face.

Chains.

From the NW. cor. I run
East, along N. bdy. of claim.
Ascend
2.00 Descend along SE. face.
10.00 Bottom of descent; ascend along SW. face.
27.00 Top of ascent, on S. face of bluff.
34.00 Begin abrupt descent along SE. slope.
40.00 Deposit a charred stake 12 ins. in the ground for NE. cor. of claim, and cor. of Thomas McCawley's H.E. 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
AW: on SW. and
T McC: on SE. faces.

From the NE. cor. of the claim. I run
South. bet. this claim and the H.E. claim of Thomas McCawley.
Descend abruptly.
6.00 Bottom of abrupt descent.
7.00 Trail: bears S. 70° W.
7.11 Wire fence: bears S. 70° W.: Enter level land.
19.95 " " " E & W.
20.00 Deposit a charred stake 12 ins. in the ground for NW. cor. of August Weis's Pre claim, and SW. cor. of Thomas McCawley's H.E. 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 McC: on NE. and
AW: on NE. faces
Thence, over level ground.
40.00 Set temp. SE. cor. of claim.

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

chains

Through plowed field.

8.80 Wire fence: bears N. 65° W.

10.00 Enter level land.

40.00 The temp. SE. cor. where I deposit a charred stake 12 ins. in the ground for SE. cor.: 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

AW: on NW. face.

Land. - S. half, level bottom; balance sand hills.

Soil, 1st and 3rd rate.

(No. 45)

The Pre. claim of August Weis, on secs 10 and 11. Area 160 acres.

From the NW. cor. which is described in the notes of survey of August Weis' T.C. claim.

I run

East, bet. this claim, and the NE. claim of Thomas McCawley.

Over level land.— dry bed of cane slough.

21.33 N.E cor. of wire fence: fence extends W. and S.

40.00 Deposit a charred stake 12 ins. in the ground for NE. cor. 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

AW: on SW. face.

From the NW. cor. of claim. I run

South, along W. bdy.

Over level land

20.00 Th. SE. cor. of August Weis' T.C. claim.

27.67 Wire fence, bears E. & W.: Enter plowed field, extending E. and W. of line 4 or 5 chains.

chains.

31.08 Wire fence: leave plowed field: begin gradual ascent along N. slope. Trail: bears N. 70° W.

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

AW: on NE. face.

From this cor. August Weis' sod house bears N. 45° E. about 10 chs. dist.

From the SW. cor. I run

East, along S. bdy. of the claim.

1.70 Begin descent along NE. slope.

11.00 Foot of descent, in pass: bears N. & S.: thence over rolling foot hills.

21.30 Trail: bears S. 30° E.

40.00 Deposit a charred stake 12 ins. in the ground for SE. cor. 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

AW: on NW. face.

From the NE. cor. of the claim. I run

South, along E. bdy. of the claim.

Over level ground.

12.00 Begin slight ascent along N. slope.

32.00 Top of ascent: thence over rolling ground.

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

This cor. bears from the ¼ sec. cor. bet. secs. 10 and 11, S. 61°45' E. 20.01 chs. dist.

Lat. 9.46 S.: Dep. 17.61 E.

From the NE. cor. of claim. August Weis' sod house bears S. 44°40' W. about 40 chs. dist.

Thomas McCawley's house bears N. 1°12' W. 20 chs. dist.

Chains

The N. part of claim is level bottom.
S. " " sand hills.
Soil 1st and 3rd rate.

(No. 44)

The H.E. claim of Thomas McCawley; on secs. 2. 3. 10. and 11. Area 160 acres.

From the NE. cor. of the Che. claim of August Weis. heretofore described, I run
East. along S. bdy. of the claim.
In level bottom.
7.00 Begin ascent along NW. slope, over rolling ground.
21.00 Deposit a chained stake 12 ins. in the ground for the 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
T McC; on NW. face.
This cor. bears from the ¼ sec. cor. bet. secs. 2 and 11, S. 13° 40' W., 9.73 chs. dist.
Lat. 9.42 S.; Dep. 2.30 chs. W.

From the SE. cor. I run
North, along E. bdy. of the claim.
Descend along NW. slope.
18.00 Bottom of descent, in neck of valley.
23.00 Trail: bears N. 70° E.
25.00 Begin ascent along S. slope.
40.00 Deposit a chained 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
T McC: on SW. face.
From this cor. McCawley's house bears S. 72° 44' W. 25 chs. dist.

Chains

From the NE. cor. of the claim. I run
West. along N. bdy. of the E. part of claim.
Descend over broken ground along SW. face.
7.50 Bottom of descent: ascend abruptly along SE. face.
18.50 Top of ascent, 100 ft. above valley.
20.00 Deposit a chained stake 12 ins. in the ground for NW. 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
T McC; on SE. face.

South, along W. bdy. of the E. part of claim.
Descend abruptly.
6.00 Bottom of descent: enter level bottom.
10.00 Trail: W. and S. 60° E.
16.31 Wire fence; bears N. 60° W.
17.37 " " " S. 40° W.
20.00 Set temp. cor.

From the NW. cor. of the W. part of claim described in the notes of survey of the T.C. claim of August Weis: I run
East; along N. bdy. of the W. part of claim.
Descend along SE. slope.
8.00 Bottom of descent; enter level land.
14.00 Trail: bears S. 60° W.
15.04 Wire fence; bears S. 60° W.
37.87 " " " S. 40° W.
40.00 The temp. cor. where I deposit a chained stake 12 ins. in the ground, for the NE. cor. of 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.

Chains.

In N. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
T M°C: on Sw. face.
Land. mostly level bottom.
Soil. 1st rate.
November 27, 1895.

(No. 51)

The T. C. claim of Charles Hoyt; on sec. 18.
Area 159.47 acres.

A description of the W. bdy. of this claim. and the cors. marking its extremities; with the connection of the NW. cor. with the public lands survey, is given in the notes of the survey of Mark Mangan's HE. claim. T 23 N., R. 39 W.
The Lat. of W. bdy. is 39.80, Dep. 8 lks.: consequently 1594.7 sq. chs. divided by 39.80 gives 40.07 chs. for the mean length of claim. and
40.07 plus 0.04 gives 40.11 chs. for the length of N. bdy.
40.07 minus 0.04 " 40.03 chs. " " " " S. bdy.
Therefore. from the NW. cor. of the claim. I run
East. along N. bdy.
Descend slightly along SE. slope.

0.17 Wire fence: bears N. and S.
7.00 Bottom of descent: thence over rolling ground.
14.00 Begin gentle ascent along Sw. slope.
30.00 Top of ascent. 20 ft.: descend slightly along SE. slope.
40.11 Deposit a chained stake 12 ins. in the ground for NE. cor. of the 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
CH: on Sw. face.

From the cor. to Minor's HE. bears
S. 61° 45' E. about 23 chs. dist.

Chains.

From the Sw. cor. of the claim. I run
East. along S. bdy. of claim.
Along N. slope of range: overridges and ravines.

1.35 Wire fence: bears N. and S. about.
5.00 Ravine 30 ft. dep.: ascend.
14.00 Top of ascent; thence descend gradually along N. slope.
40.03 Deposit a chained stake 12 ins. in the ground for SE. cor. 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 N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
CH: on NW. face.

From the SE. cor. of the claim. I run
North, on a random line.

39.80 Intersect E. & W. line at the NE. cor. of claim.
Thence I run
South, on true line. along E. bdy. of claim.
Descend gently

3.00 Enter level ground.
3.85 The NW. cor of Lizzie Minor's HE. claim.
30.00 Begin gradual ascent along N. slope.
39.80 The SE. cor. of claim.

Land. sand hills on N. & S. bdys.
Balance, level bottom.
Soil sandy: 1st and 3rd rates.

(No. 52)

The HE. claim of Lizzie Minor. - formerly Lizzie White - on secs. 17 and 18: Area 160 acres.

The NW. cor. of claim, which is a stake with pits, I renew at same point: Deposit a chained 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.

Chains.

sq. 12 ins. in the ground, marked
LM: on SE. face.
This cor. bears from the ¼ sec. cor. bet. secs. 17 and 18. N. 67°35' W., 21.08 chs. dist.
Lat. 8.03, Dep. 19.48
Joe Minor's house bears S. 70°50' E.
Thence I run
South, along W. bdy.
Over level land.
27.00 Begin gradual ascent along N. slope.
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
LM: on NE. face.

From the NW. cor. of the claim, I run
East, along N. bdy.
Over level land.
3.70 Ascend slightly along Sev. slope.
15.60 Trail: bears N. and S.
27.00 Top of ascent on S. face of range; thence along S. face over broken ground.
40.00 Deposit a charred stake 12 ins. in the ground for NE. cor. of claim, and NW. cor. of the Nancy Allison HE. 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
LM: on SW. and
NA: on NE. faces.

From the NE. cor. of claim. I run
South, bet. this claim and the HE. claim of Nancy Allison.

Chains.

Descend along S. slope.
6.00 Enter level land.
28.50 Trail: bears S. 70° E.
30.00 Begin gradual ascent
40.00 Set temp. cor.

From the SW. cor. of claim, I run
East, along S. bdy.
Over ridges and ravines along N. slope of range.
14.70 Trail: bears N. & S.
33.50 Begin gradual descent along NE. slope.
40.00 The temp. cor. where I deposit a charred stake 12 ins. in the ground, for SE. cor. of claim, and SW. cor. of Nancy Allison's HE. 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
LM: on NW. and
NA: on NE. faces.
Land, level bottom, merging into sandhills on N. and S. bdys.
Soil, sandy; 1st to 3rd rates.

(No. 53)

The HE. claim of Nancy Allison, on Sec. 17.
Area 160 acres.

The W. bdy. and the cors. at its extremities are described in the notes of the survey of Lizzie Minor's HE. claim.
From the NW. cor. of the claim, I run
East, along N. bdy.
Along S. slope of range, over broken ground.
8.00 Begin descent along SE. slope, over broken ground.
14.30 Bottom of descent; ascend along SW. slope
24.00 Top of ascent, on sand bluff; thence along

Chains

S. slope, ascending over very broken ground.

34.00 Trail; bears about N. and S.

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

NA; on Sw. face.

From the NE. cor. of the claim. I run
South, along E. bdy.
Descend over broken ground, along S. slope.

13.00 Enter rolling valley.

13.47 The NW. cor. of John Allison's H.E. claim.

16.60 Trail; bears S. 60° E.

20.00 Begin gradual ascent along N. slope.

40.00 Set temp. S.E. cor.

From the Sw. cor. of the claim. I run
East, on S. bdy of claim.
Along N. slope of range.

40.00 The temp. SE. cor. where I 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

NA; on NW. face.

From this cor. Nancy Allison's sod house bears N. 29° 30' W.

The Sw. cor. of claim bears from the ¼ sec. cor. bet. secs. 17 and 20, N. 67° 29' W., 21.05 chs. dist.

Lat. 8.06 N.; Dep. 19.45 W.

The N. and S. bdys. of claim are in sand hills. balance, level bottom.

Soil, sandy; 1st and 3rd rate.

Chains.

(No. 54)

The H.E. claim of John Allison, on secs. 16, 17. 20. and 21. — Area 160 acres.

The NW. cor. which is a stake; I reestablish at same point: 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

JA: on SE. face.

Thence I run
South, bet. this claim. and the H.E. claim of Nancy Allison.
Over nearly level land.

3.13 Trail; bears S. 60° E.

17.00 Begin gradual ascent along N. slope of range.

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

JA; on NE. face.

This cor. bears from the cor. of secs. 16. 17. 20. and 21. S. 74° 23' W., 20.14 chs. dist.

Lat. 5.40 S.; Dep. 19.40 W.

From the Sw. cor. I run
East. on S. bdy. of the claim.
Along N. slope of range; descending.

5.25 Bottom of descent; ascend along N. slope of ridge.

9.00 Top of ascent 40 ft.; thence along N. face of range.

20.00 Begin descent along NE. slope, over ridges and ravines.

40.00 Set temp. S.E. cor.

Chains.

From the NW. cor. of claim. I run
East. along N. bdy.
Over low foot hills. ascending gently.
20.00 Top of ascent; thence descend along SE. slope.
30.55 Enter level land.
37.00 Enter dry bed of cane slough.
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
J A; on SE. face.
From this cor. John Allison's sod house bears S. 41° 45' W.

From the NE. cor. I run
South, along E. bdy. of the claim.
Through dry bed of cane slough.
15.00 Leave slough; thence over rolling ground.
30.00 Begin gentle ascent along NE. slope. over foot hills.
40.00 The temp. SE. cor. where I 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
J A; on NW. face.
Land, in S. part: sand hills, balance level ~~bottom~~.
Soil, sandy: 1st and 3rd rates.
November 28, 1895.

Chains.

(No. 57)

The T.C. claim of Mary Hershiser, (formerly Mary Davis) on secs. 19, 20, 29, & 30. — Area 158.79 acres
The width of claim being 20 chs.; the length should be 1587.9 ÷ 20 = 79.39½ chs.
From the Sw. cor. of the claim which is a mound with pits N. and E.: with stake in N. pit, marked MH. on NE. and J F: on NW. faces: being the SE. cor. of James Forbes' Pre. claim, I run
North bet. this claim and Forbes' Pre. claim.
20.00 Deposit a charred stake 12 ins. in the ground for NW. cor. of claim. and Sw. cor. of Jacob Davis's T.C. 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 E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
J D; on NE. and
MH; on SE. faces.
This cor. bears from the cor. of secs. 19, 24, 25, & 30. N. 53° 30' E. 10.94 chs. dist.; Lat. 6.50 N., Dep. 8.80 E.

From the Sw. cor. I run
East. on S. bdy. of the claim.
Along N. slope of range.
79.39½ Set temp. SE. cor.

From the NW. cor. I run
East, bet. this claim, and the T.C. claim of Jacob Davis.
Over nearly level ground.
29.05 Trail: bears S. 30° W., & reverse.
79.39½ Deposit a charred stake 12 ins. in the ground for NE. cor. of claim.
79.43½ Deposit a charred stake 12 ins. in the ground for SE. cor. of Jacob Davis's T.C. claim.
dig pits 18x18x12 ins. N. of the Davis; and W. of the Hershiser. cors. 4 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high. over both deposits.

Chains

In W. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
MH; on SW. and
JS; on NW. faces.
The NE. cor. of the Mary Hershiser T.C. claim bears from the cor. of secs 19. 20. 29. and 30. N. 43°18' E. 9.34 chs. dist. Lat. 6.81 N., Dep. 6.38 E.

From the NE. cor. I run
South, along E. bdy. of claim.
Over nearly level ground.
15.00 Begin gradual ascent along N. slope.
20.00 The temp. SE. cor.; where I deposit a chained 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
MH; on NW. face.
Land, level bottom, and rolling sand hills.
Soil, sandy; 2nd & 3rd rate.

(No. 56)

The T.C. claim of Jacob Davis; on secs. 19 and 20.
Area 158.87 acres.
The width of claim being 20 chains; the length should be 1588.7 ÷ 20 = 79.43½ chs.
From the NW. cor. of the claim, heretofore described, being the NE. cor. of James Forbes Pre. claim I run
East, along N. bdy. of the claim.
Descend along SE. slope.
7.00 Bottom of descent, in ravine: ascend.
11.00 S. face of ridge: descend abruptly along S.E. slope of range.
41.50 Bottom of descent: thence over rolling ground
44.00 Trail: bears N. 80° E.
46.00 Enter basin.
55.00 Leave basin; enter rolling ground
79.43½ Set temp. NE. cor. of claim.

Chains

From the SE. cor. of the claim. I run
North, on E. bdy.
Over level ground.
1.00 Enter dry bed of cane Slough.
11.00 Leave " " " "
16.00 Begin gradual ascent along S. slope.
20.00 The Temp. NE. cor.; where I deposit a chained 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
JS; on SW. face.
Land, mostly level bottom.
Soil, sandy; 2nd & 3rd rates.
November 29, 1895.

(No. 48)

The T.C. claim of Edwin R. Pusey; on secs 7. & 8.
Area 159.56 acres.
The width of claim being 20 chs.; the length should be 1595.6 ÷ 20 = 79.78 chs.
A description of the W. bdy. of this claim, and of the cors. at its extremities, is given in the notes of survey of the Pre. claim of Henry Grady, owned by Allison H. Stuckey, T 23 N., R. 39 W. — Page 67.
From the SW. cor. of the claim, which is the old SE. cor. of sec 12, I run
East, along S. bdy.
Over rolling land, along N. slope.
7.50 Wire fence; bears S. 10° E.; descend gradually along N. slope.
30.00 Enter level bottom.
59.30 Trail; bears N. & S.; enter cane slough.
79.78 Deposit a chained stake 12 ins. in the ground for SE. cor. of the claim, and a cor. of the Pre. claim of Allison H. Stuckey; 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.

Chains.

In N. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
ERP; on NW. and
AHS; on NE. faces.

From the S.E. cor. I run
North, bet. this claim and the Pre claim of A. H. Stuckey.
Through dry bed of cane slough.
12.00 Begin gradual ascent along S. slope.
20.00 Set temp. cor.

From the NW. cor. of the claim. I run
west, bet. this claim and the Pre. claim of Edwin R. Pusey.
Over level wet valley.
45.00 Leave wet land.
57.50 Trail. bears N. 40° W.
59.78 Deposit a chamed stake 12 ins. in the ground for S.E. cor. of Edwin R. Pusey's Pre. 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
ERP; on NW. face.
64.00 Enter plowed field.
79.27 Leave "
79.78 The temp. cor. where I deposit a chamed stake 12 ins. in the ground, for NE. cor. of claim and NW. cor. of the N. part of Allison H. Stuckey'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
ERP; on SW. and
AHS; on NE. faces.

Chains

Land mostly level or rolling bottom.
Soil 1st and 3rd rates.

(NO. 46)

The Pre. claim of Edwin R. Pusey: on secs 7 & 12. R. 38 and 39 W. Area 159.56 acres.

From the S.E. cor. of the claim, which is described in the notes of the survey of E. R. Pusey's T.C. claim I run
North, along E. bdy.
ascend gradually along S. slope.
10.00 Top of ascent 30 ft.: thence over rolling ground along SW. face.
20.00 Set temp. cor.

From the NW. cor. of the T.C. claim of Edwin R. Pusey, heretofore described. I run
West, bet. this claim, and A. H. Stuckey's Pre. claim.
Over level slough.
20.00 Deposit a chamed stake 12 ins. in the ground for SW. cor. of the claim; dig pits 18x18x12 ins. E. and N. 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
E. R. P; on NE. face.

From the SW. cor. I run
North, along W. bdy. of the claim. in Range 39
Over level land.
15.50 Begin gradual ascent, along S. slope.
20.00 Deposit a chamed 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.

Chains.

sq. 12 ins. in the ground, marked
E.R.P. on S.E. face.

From the NW. cor. of the claim. I run
East along N. bdy. of the claim.
Ascend along Sw. slope over ridges.
20.00 Top of ascent, 75 ft.; thence descend along S. face of range.
42.00 Bottom of descent; thence over rolling ground.
56.00 Begin ascent over rolling ground, along Sw. slope.
69.05 Trail; bears N. 38 W.; ascend.
79.00 Top of ascent.
79.78 The temp. NE. cor. of claim. 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
E.R.P. on Sw. face.

The Sw. cor. of the claim bears from the ¼ sec. cor. bet. secs. 7 and 12, S. 14°02' W. 10.79 chs. dist. Lat 10.48 S.; Dep. 2.60 W.

Land, rolling sand hills, and level bottom.
Soil, sandy; 1st and 3rd rates.

(No. 41)

The T.C. Claim of Theophilus St Martin. on secs. 5, and 8. Area 160 acres.

The NW. cor. of claim, which is a fence post set in the cor. established by locater Dellinger, bears from the cor. of secs. 5. 6. 7. & 8. N. 52°36' E. 21.42 chs. dist.; Lat. 12.98 N., Dep. 17.02 E.
Thence I run
East, bet this claim and the NE. claim of S. S. Sears.

Chains.

Over dry bed of cane slough.
35.00 Leave slough; thence over rolling land.
40.00 Deposit a charred stake 12 ins. in the ground for NE. cor. of claim. and SE. cor. of S.S. Sears NE. 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
T S M; on Sw. and.
S S S; on NW. faces.

From the NE. cor. of the claim. I run
South, along E. bdy.
Over level land.
3.00 Enter dry bed of cane slough.
15.00 Begin gradual ascent along N. slope of range.
20.65 Wire fence; bears S. 45° E.
40.00 Set temp. cor.

From the NW. cor. of the claim. I run
South, along W. bdy.
Through dry bed of cane slough.
7.50 Begin gradual ascent along N. slope.
20.00 Deposit a charred stake 12 ins. in the ground for SE. cor. of the W. part of S.S. Sears' NE. 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
S. S. S. on NW. face.
33.00 Top of ascent, 50 ft.; thence along Sw. face of range.
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.

Chains.

sq. 12 ins in the ground. marked
T S^T M; on NE. face.

From the Sw. cor. I run
East. along S. bdy. of the claim.
Ascend along N. slope.
2.00 Top of ascent 30 ft. above cor.: thence over rolling ground.
15.00 Begin descent along NE. slope.
17.00 Bottom of descent: ascend along NW. slope. over rolling ground.
38.00 Top of ascent: thence along N. slope.
40.00 The temp. cor. where I deposit a chamed 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
T S^T M; on NW. face.
The S. half of claim is sand hills.
N. part level bottom.
Soil, 1st to 3rd rate.

(No. 40)

The HE. claim of L. P. Cushman, owned by Sherman S. Sears, on secs. 5. 6. 7. and 8.
Area 160 acres.

From the S.E. cor. of the claim, described in the notes of survey of T. St. Martin's T.C. claim.
I run
North, along E. bdy.
Over rolling ground
4.00 Trail: bears N. 50° W., ascend along SW. slope.
18.00 Top of ascent, 30 ft.: thence over rolling ground.
20.00 Deposit a chamed 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

Chains.

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
S S S; on SW. face.

From the NE. cor. of the claim, I run
West. along N. bdy.
Descend along N. slope.
9.00 Top of descent: ascend along NE. slope.
19.00 Trail: bears N. 40° W.
35.00 Top of ascent on bluff or ridge, NES: descend.
38.10 Trail: bears S. 30° W.: ascend over very broken ground, along S.E. slope of range.
49.50 Top of ascent, 100 ft.: on sand peak: thence along S. face of range.
58.00 Begin abrupt ascent along E. slope of ridge.
59.58 I intersect E. bdy. of the Townsite of Hyannis 81 lks. N. 1° 13' E. of the S.E. cor. of W. part of townsite.
Deposit a chamed stake 12 ins. in the ground for closing cor. of the N. bdy. 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 E. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
C.C. on E.
N. on W. and
S S S; on S. face.

From the S.E. cor. of the N. part of claim, described in the notes of survey of the T.C. claim of T. St Martin, I run
West. along S. bdy. of the N. part of claim.
Ascend slightly along N. slope.
20.01 Deposit a chamed 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.

Chains.

In N. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
S. S S: on N.E. face.
This cor. bears from the cor. of secs. 5.6.7 & 8.
S. 22°59' W. 7.63 chs. dist. Lat. 7.02 S., Dep. 2.99 W.

From the Sw. cor. of claim. I run
North, along W. bdy.
Descend along N. slope.
12.00 Bottom of descent: enter neck of valley: E & W.
19.90 Trail: bears N. 60° E.
30.00 Begin abrupt ascent along S.E. face of bluffs.
39.21 Intersect S. bdy. of the Townsite of Hyannis, 40 lks. N. 88°26' W. of the S.E. cor. of the W. part of Townsite; Deposit a charred stake 12 ins. in the ground for closing cor. of the W. bdy.: 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.
H: on N and
SSS: on E. faces.
N. and S. parts of claim are broken sand hills. balance, rolling or level bottom.
Soil. 1st to 3rd rates.
November 30, 1895.

(NO. 38)

The T.C. claim of Russell S. Perkins on secs. 5 and 32; Ts. 23 and 24 N.; Area 160.19 acres.

The NW. cor. of claim. is the NE. cor. of Townsite of Hyannis: the E. bdy. of which is the W. bdy of claim. and the claim extends S. to the N. bdy. of the NE. claim of John McCawley.
At the point of intersection of a line run W. from McCawley's NW. cor. with the E. bdy. of the Townsite I deposit a charred stake.

Chains.

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
R S P: on N.E. face.
This cor. bears N. 1°16' E. 2.95 chs. from the S.E. cor. of the E. part of Townsite of Hyannis.
Therefore. the course of the W. bdy. of the claim is N. 1°16' E., 37.63 chs.; Lat. 37.60, Dep. 0.84, and 1601.9 sq. chs. divided by 37.60. gives 42.60 chs. for the mean length of claim.
42.60 plus 0.42, is 43.02 chs. the length of S. bdy.
42.60 minus 0.42, is 42.18 chs. " " " N. bdy.
From the SW. cor. of claim. I run
East. along S. bdy.
Descend slightly along N. slope.
19.70 The NW. cor. stone of John McCawley's NE. claim.
43.02 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
R.S.P: on NW. face.

From the NW. cor. of the claim. I run
East. along N. bdy.
Ascend over rolling ground along N. slope.
12.00 Top of ascent, on low ridge: descend.
15.00 Bottom of descent: ascend along SW. slope.
37.00 Top of ascent on low ridge.
41.80 Bluff. on N. face: descend.
42.18 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.

Chains.

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

From the N.E. cor. of the claim, I run
South, on a random line.
37.60 Intersect Exec. line at the S.E. cor. of claim.
Thence I run
North, on true line, along E. bdy. of the claim.
Over level land.
2.13 Wire fence; bears N. 87° 45' W.
2.88 Center of track, Burlington and Missouri River railroad, on 1° curve: course N. 87° 45' W.
3.44 Telegraph line "
4.37 Wire fence, "
4.47 Trail, " ascend.
16.00 Top of ascent, 50 ft.; thence along S.E. face.
29.90 Begin descent along N.E. face; over rolling ground.
37.60 The NE. cor. of the claim.
Land, mostly sand hills.
Soil, sandy: 1st and 3rd rate.

(No. 39)

The N.E. claim of John McCawley, on sec. 5.
Area, 80 acres.

From the NW. cor. of claim, which is a limestone set in the ground, with a pit E. of stone, I run
East, along N. bdy.
Over nearly level ground.
23.22 R.S. Perkins' S.E. cor. T.C. claim.
25.00 Enter wet 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.

Chains.

12 ins. in the ground, marked
J. McC: on Sw. face.

From the NE. cor. of the claim, I run
South, along E. bdy.
Over level ground.
10.00 Begin ascent along N.E. slope.
13.10 Trail; bears N. 70° W.
20.00 Set temp. S.E. cor.

From the NW. cor. of the claim, I run
South, along W. bdy.
Over rolling ground.
3.05 Trail; bears N. 60° W., begin ascent along N. slope.
16.00 Top of ascent, 30 ft.; thence over rolling ground.
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
J. McC; on NE. face.

From the SW. cor. of the claim, I run
East, along S. bdy.
Over rolling ground.
2.00 Begin descent along NE. slope.
10.00 Bottom of descent; thence over rolling ground.
12.00 Begin ascent along SW. slope, over rolling ground.
29.00 Top of ascent, 50 ft.; thence over rolling land along top of range.
37.00 Descend slightly.
40.00 The temp. S.E. cor.: 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

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
J. McC; on NW. face.
This cor. bears from the ¼ sec. cor. bet. secs.
4 and 5. S. 21° W., 5.43 chs. dist.
Lat. 5.06 S.; Dep. 1.94 W.
Land, mostly sand hills.
Soil 1st & 3rd rates.
December 2, 1895.

No. 49.

The Pre claim of James W. Foss: owned by
Allison H. Stuckey: on secs. 7. 8. 17. and 18.
Area 160 acres.

From the NE. cor. of Edwin R. Pusey's T.C. claim,
heretofore described, I run
East, along N. bdy. of the E. part of claim.
Ascend slightly along S. slope of range.
20.00 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
AHS., on SW. face.

From the N.E. cor. I run
South, along E. bdy. of the claim.
Descend gradually along S. slope.
12.00 Bottom of descent: enter dry bed of marsh.
23.00 Leave marsh, ascend along NE. slope.
37.00 Wire fence: bears E. and W.
40.00 Set temp. cor.

From the NE cor. of the W. part of claim.
described in the notes of survey of E.R. Pusey's

Chains.

T.C. claim. I run
West, along N. bdy of the claim.
Through dry bed of marsh.
17.00 Leave marsh: over nearly level land.
20.50 Trail. N.&S.: thence along N. slope.
40.00 Deposit a charred stake 12 ins. in the ground
for NW. cor. of the W. 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
AHS., on SE. face.

From the NW. cor. of the W. part of claim. I run
South, along W. bdy.
Ascend along N. slope.
8.00 Bluff, or ridge: NW. and SE.
16.88 Wire fence; bears E. and W.
18.00 Top of ascent: Over rolling ground.
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
AHS: on NE. face.

From the SW. cor. of the claim. I run
East. along S. bdy.
Over rolling land.
2.00 Begin descent along E. slope, over broken
ground.
20.00 Trail: bears N.&S. at bottom of descent.
ascend along W. slope, over rolling land.
45.00 Top of ascent: thence over broken ground.

Claim lines of T. 23 N. R. 38 W.

Chains.

60.00 The temp. S.E. cor., where I 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
AHS; on NW. face.
This cor. bears S. 21°20' W. 11.10 chs. dist. from the ¼ sec. cor. bet. secs. 8. and 17.
Lat. 10.33 S.; Dep. 4.04 W.
Land, mostly broken sand hills.
Soil. 1st and 3rd rates.

(NO. 3-7)

The Pre. claim of John S. Dellinger, owned by The Farmers and Mechanics Bank, of Providence R.I. on secs. 6 and 31, Ts. 23 and 24 N., R. 38 W.
Area 160.84 acres.

This claim has 3 marked corners.
From the NE. cor. which is also the NW. cor. of the Townsite of Hyannis, heretofore described, I run
West, on a random line.

39.68 Fall 98 lks. S. of the NW. cor. which is a brick. buried 12 ins. in the ground.
This cor. bears N. 0°30' E. 14.67 chs. from the cor. of Tps. 23 and 24 N. Rs. 38 and 39 W., Lat. 14.66 N., Dep. 0.13 E.
From the NW. cor. of the claim.

Hyannis cemetery	bears	S. 38°10' E.
Catholic church	"	S. 56°10' E.
School house	"	S. 59°15' E.
Congregational church	"	S. 60°32' E.
H. R. Dellinger's house		N. 81°35' E.
D. M. Atwood's	"	N. 54°25' E.

Thence I run
S. 88°36' E. on true line along N. bdy.
Over level ground.

19.36 Wire fence: bears N & S.

See [illegible] 19.84 Old Tp. cor.; which is a stone 12 ins. in the ground.
H. R. Dellinger's house bears N. 44°45' W.

Claim lines of T. 23 N. R. 38 W.

Chains.

D. M. Atwood's house	bears	N. 34°35' E.
Congregational church	"	S. 43°45' E.
School house	"	S. 42°15' E.
Catholic church	"	S. 43°30' E.

From this cor. Public Road runs N. and E.
Thence over rolling land, in center of road.

30.00 Leave road: bears W. and S.E. begin gentle ascent.
33.00 Trail: bears N. and S.
36.15 Wire fence: bears N. & S.
39.68 The NE. cor. of the claim.

From the S.E. cor. of claim, which is a stone on W. bdy. of the Townsite of Hyannis, with pits E and W. of cor. I run
West, on true line along S. bdy. of claim.
Ascend along NE. slope.

5.20 Top of ascent, 50 ft.: thence descend along NW. slope, over rolling ground.
18.30 Trail: N. 20° E. at foot of descent; ascend over rolling ground
32.90 Top of range: 100 ft.: descend slightly over rolling ground
38.86 Set temp. Sw. cor.

From the NW. cor. I run
South, along W. bdy. of the claim.

11.37 Wire fence, along railroad.
12.22 Telegraph line " "
12.93 Center of track, Burlington and Missouri River railroad: bears N. 80°02' W.
14.40 Wire fence " "
23.60 Ascend abruptly.
30.43 The S.E. cor. of General R. Whites T.C. claim. ascend slightly along N. face of range.
35.00 Top of ascent.
41.48 Intersect E. & W. line at the temp. Sw. cor. where I deposit a charred stake 12 ins. in the ground

Chains.

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
F & M B K : on NE. face.
Land. broken sand hills. with little bottom.
Soil, 1st and 3rd rates.
December 3rd 1895.

(No. 62)

The H.E. claim of Mary Hershiser; (formerly Mary Davis.) on secs. 31 and 32.; area 158.25 acres. The width of claim being 20 chs., the length should be 158.25 ÷ 20 = 79.12½ chs.
From the SW. cor. which is a stake in mound with pits E. N. S. and W. of cor. I run
East, along S. bdy of the claim.
Over level land.
42.00 Enter dry bed of cane slough.
72.00 Enter meadow land.
79.12½ 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
M H : on NW. face.
This cor. bears N. 57° 10' E. 3.27 chs. from the cor. of secs. 5. 6. 31. and 32.; Lat. 2.05 N., Dep. 2.55 E.

From the SW. cor. I run
North, along W. bdy. of the claim.
Over level land.
15.40 Trail: bears E. & W.
16.00 Begin ascent along S. slope.
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.

See No. 61 T. 23 N. R. 38 W.

Chains.

In E. pit drive an oak stake 2 ft. long, 2 ins. sq. 12 ins. in the ground. marked
M H : on SE. face.
From this cor. Hershisers house bears S. 83° 15' E.

From the NW. cor. I run
East, along N. bdy. of the claim.
Descend along SE. slope.
4.00 Bottom of descent: ascend along SW. slope.
17.20 Top of ascent on sand peak or bluff. 100 ft. high. thence along S. face of range, over rolling ground.
78.80 Sand peak or bluff: descend.
79.12½ Set temp. NE. cor.

From the SE. cor. I run
North, along E. bdy. of the claim.
Over level land.
12.00 NW. cor. H. D. Cobb's Ore. claim, bears E. 76. lks. dist.
13.50 Trail: N. 80° E.
16.00 ascend along S. slope.
20.00 The temp. NE. 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
M H : on SW. face.
Land on S. ⅔ of claim is level bottom; Soil 1st rate. on N. bdy. broken sand hills: 3rd rate.
From the SW. cor.: Hershisers house bears N. 33° 25' E.
" " " " H. D. Cobb " " N. 2° W. 8.56 chs.
December 4, 1895.

Chains. (NO. 60)

The NE. claim of Robert M. Moran, on secs. 22, 23. 26. and 27. Area 160 acres.

The SW. cor. of the S. part of claim, which is also the NW. cor. of the W. part of Iura R. Vauney's NE. claim, is a cedar post in mound; without marks, and bears N. 53° E. 10.73 chs. dist. from the ¼ sec. cor. bet. secs. 26 and 27: Lat. 6.46 N.; Dep. 8.56 E.
Vauney's house bears S. 24° E. about 7 chs. dist.
Moran's " " N. 6° 50' W.
From this cor. I run
North, along W. bdy. of S. part of claim.
In swamp.
18.00 Leave swamp, enter dry bottom.
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
R. M. M. on NW. face
Moran's house bears N. 21° 50' W. about 8 chs. dist.
Thence on a blank line through claim.
40.00 A point for NE. cor. of NW. ¼ of claim.
From this point I run
West.
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
RMM: on SE. face.

From the NW. cor. I run
South, along W. bdy. of the claim.
Descend along SE. slope of range.
18.00 Bottom of descent; enter level ground.
20.00 Set temp. cor.

Chains.

From the SE. cor. of the NW. ¼ of the claim.
I run
West, along S. bdy.
Over level ground.
7.70 Trail; bears N. 20° E.
20.00 The temp. SW. cor. where I 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
RMM: on NE. face.

From the NW. cor. I run
East, along the N. bdy. of claim.
Descend along E. slope of bluff. over broken ground.
17.70 Trail: bears N. & S.; thence along S. face of range, over broken ground.
45.00 Descend abruptly along SE. slope.
47.74 Wire fence: bears N. 30° W.
52.00 Bottom of descent; thence over low foot hills.
60.00 Deposit a charred stake 12 ins. in the ground for NE. cor. 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
RMM: on SW. face.
This cor. bears N. 52° 38' E. 10.92 chs. dist. from the ¼ sec. cor. bet. secs. 23 and 26; Lat. 6.55 N.; Dep. 8.63 E.

From the NE. cor. I run
South, along E. bdy. of the claim.
Over rolling ground.
6.50 Enter valley, at Trail. Course N. 70° E.

Chains.
12.00 Wire fence: bears S. 70° E.
20.00 Set temp. cor.

From the SW. cor. of the S. part of claim. I run East. bet. this claim. and the HE. claim of Iura R. Yauney.
Through dry bed of cane slough.
20.00 Deposit a charred stake 12 ins. in the ground for SE. cor. of S. part of claim. and SW. cor. of the N. part. of Yauney's 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
RMM: on NW. and
IRY: on NE. faces.

From the SE. cor. of the S. part. of claim, I run North, bet. this claim, and the HE. claim of Iura R. Yauney.
Through swamp.
13.00 Enter dry bottom.
20.00 Deposit a charred stake 12 ins. in the ground for NE. cor. of the S. part of claim, and NW. cor. of the N. part of Iura R Yauney's HE. 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
RMM: on SW. and
IRY: on NE. faces.

From the NE. cor. of the S. part of claim I run
East. bet. this claim and the HE. claim of Iura R. Yauney:

Chains.
Over level bottom land.
18.00 Enter slough.
20.00 The temp. cor.; where I deposit a charred stake 12 ins. in the ground for SE. cor. of the N. part of this claim. and NE. cor. of the N. part of Iura R. Yauney's HE. 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 W. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
RMM: on NW. and
IRY: on SW. faces.
Land is mostly dry bottom, and marsh.
Sand hills, on N. bdy.
Soil. 1st and 3rd rate.

(NO. 61)

The HE. claim of Iura R. Yauney, (formerly Iura R. McIntyre). on sec. 26.
Area 160 acres.

From the SE. cor. of the N. part of R.M. Moran's HE. claim, heretofore described. I run South. along E. bdy. of the N. part of claim.
In dry bed of cane slough.
20.00 Set temp. cor.

From the SE. cor. of the S. part of R.M. Moran's HE. claim. heretofore described. I run East, on a blank line across claim.
20.00 The temp. cor.: where I deposit a charred stake 12 ins. in the ground for SE. 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
IRY: on NW. face.

Chains.

From the SE. cor. of the N. part of claim. I run East, along N. bdy.
Through dry bed of slough.
3.54 Wire fence: bears N. & S. Enter alkali land.
The dry bed of "Lookout Lake."
20.00 Deposit a chamfered stake 12 ins. in the ground for NE. 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.
I. R. Y: on SW. face.

From the NE. cor. of the S. part of claim. I run South, along E. bdy.
In old lake bed.
2.00 Enter rolling ground.
20.00 Set temp. S.E. cor. of claim.

From the SW. cor. of the S. part of R. M. Moran's NE. claim, heretofore described. I run South, along W. bdy. of the S. part of claim.
Over level ground.
6.00 Trail: bears N. 50° W.
10.00 Begin gentle ascent over rolling ground.
17.00 Wire fence: course E. and W.
20.00 Deposit a chamfered 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
IR Y: on NE. face.

From the SW. cor. of the claim. I run East, along S. bdy.
Over rolling foot hills.

Chains.

13.00 Begin gentle descent, over rolling ground.
24.80 Trail: bears S. 20° E.
60.00 The temp. S.E. cor. where I deposit a chamfered 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
IR Y: on NW. face.
Land level or rolling bottom, and moderate sand hills.
Soil, 1st to 3rd rate.

December 5, 1895.

I hereby certify that I assisted Willard W Alk W.S. Surveyor in surveying all those parts or portions of the subdivision and claim lines of Townships No 23 and 24 N Range 39 W, of Township No 23 N Range 38 W, and the Claim lines in Townships No 22 N Range 39 W, Township No 22 N Range 40 W, Townships No 21 and 22 N Range 41 W. and the Homestead Claims of Perry A Yeast in Township No. 23 N Range 41 W of the 6th Principal Meridian State of Nebraska, 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 my knowledge and belief well & faithfully surveyed, and the corner monuments established according to the instructions furnished by the Commissioner of the General Land Office

Theodore Nuland
Flagman

Subscribed and sworn to before me this the 1st Day of June 1896

Willard W Alk
W.S. Surveyor

I hereby certify that I assisted Willard W Alk W.S. Surveyor in surveying all those parts or portions of the subdivision lines of Townships ~~No. 21 and 22 N Range 39 W~~ Townships No 21, 22, 23 and 24 ~~N~~ N Range 40 W, and fractional Townships No 21, 22, and 23 N Range 41 W. also claim lines in Townships No 21 N R 39 W, Township No 22, 23 and 24 N Range 40 W and the Claims of Lewis G Carter Rees Larkin, and James H Wiley in Townships No 23 N Range 41 W. of the 6th Principal Meridian State of Nebraska, 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 my knowledge and belief, well and faithfully surveyed, and the corner monuments established according to instructions furnished by the Commissioner of the General Land Office.

James G. Grover
Flagman

(Seal) subscribed ~~this~~ and sworn to before me this the 8 day of Sept. 1896

L.D. Grover
Notary Public

my com ex Sept 18 1896

Final Oaths of Deputy Surveyors and their Assistants.

LIST OF NAMES.

A list of the names of the individuals employed by Willard W Alt

~~[illegible]~~, United States ~~Deputy~~ Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the re survey of the Subdivision and Claim lines of Townships No. 21, 22 and 23 N, Range 41 W. Townships No 21, 22, 23 and 24 N, Range 39 W. Townships No. 21, 22, 23 and 24 N, Range 40 W. and Township No 23 N. Range 38 W — of the 6th Principal meridian in the State of Nebraska showing the respective capacities in which they acted:

Clarence P. Haggard, Chainman.
Sidney Blunt, Chainman.
James G Gruver, ~~Moundman.~~ Flagman
James C. Rosengren, Moundman.
Albert H Andrews, ~~Axman.~~ Moundman
Theodore Neeland, ~~Axman.~~ Flagman
, 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 21, 22 & 23 North Range 41 W, Townships No 21 22 23 & 24 North Range 40 West Townships No 21, 22, 23 & 24 North. Range 39 west and Township No 23 North Range 38 west of the ~~of the~~ base ~~and~~ 6th Principal meridian, State of Nebraska, which are represented in the foregoing field notes as having been re 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

Clarence P. Haggard, ~~Chainman.~~
Sidney Blunt, ~~Chainman.~~
James G Gruver, ~~Moundman.~~
James C. Rosengren, ~~Moundman.~~
Albert H Andrews, ~~Axman.~~
Theodore Neeland, ~~Axman.~~
, Flagman.

Subscribed and sworn to before me this 11th day of December, 1895.

SEAL

E E Lowe
County Clerk in and for Grant Co. Neb.

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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 instructions received from Commissioner of the ~~United States Surveyor General for~~ General Land Office, bearing date of the 4th 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 the General Land Office, the Manual ~~of Surveying Instructions~~, and the laws of the United States, surveyed all those parts or portions of the subdivision and claim lines of Township No. 21, 22 and 23 N. Range 41 W. Townships No. 21, 22, 23 and 24 N. Range 40 W. Townships No. 21, 22, 23 and 24 N. Range 39 W. and Township No. 23 N Range 38 W of the 6th Principal ~~of the~~ ~~base~~ ~~and~~ meridian, in the State of Nebraska, which are represented in the foregoing field notes as having been surveyed by me, and under my directions; and I do further solemnly swear that all the corners of said re-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~~ Commissioner of the General Land Office and in the specific manner described in the field notes, and that the foregoing are the *true* 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~~, ~~United States Deputy Surveyor~~, and sworn to before me this 12th day of September, 1896.

SEAL

Cyrus Satterlee
County Clerk

APPROVAL.

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

Washington D.C. April 30th, 1897.

The foregoing field notes of the re-survey of subdivision and claim lines of Township No. 23 North Range 38 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, the necessary corrections and explanations made, the said field notes, and the re-surveys they describe, are hereby approved.

Binger Hermann
~~United States Surveyor General.~~
Commissioner of the General Land Office Surveyor General for Nebraska

I certify that the foregoing transcript of the field notes of the above-described surveys ~~in~~ T. 23 N. R. 38 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 Surveyor General for Nebraska

Duplicate

Rec'd with letter from W. W. Alt, U.S. Surveyor, dated Nov. 17, 1896 1185-11 1896

4—679.

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Ex - 11 - 19 - 1923

FIELD NOTES

OF THE SURVEY OF

Part of the

Claim Lines of

Township No. 13 N., Range 38 West

Of the 6th Principal Meridian,

State of Nebraska

AS SURVEYED BY

Willard W. Alt, United States Deputy Surveyor,

Under his Contract No. _____, *dated* December 96, 189 4

Survey commenced November 10, 1896

Survey completed November 11, 1896

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Names and Duties of Assistants.

Frank H. Drach — Chainman

Frank H Drach — Flagman.

Frank H. Drach — Monumenter.

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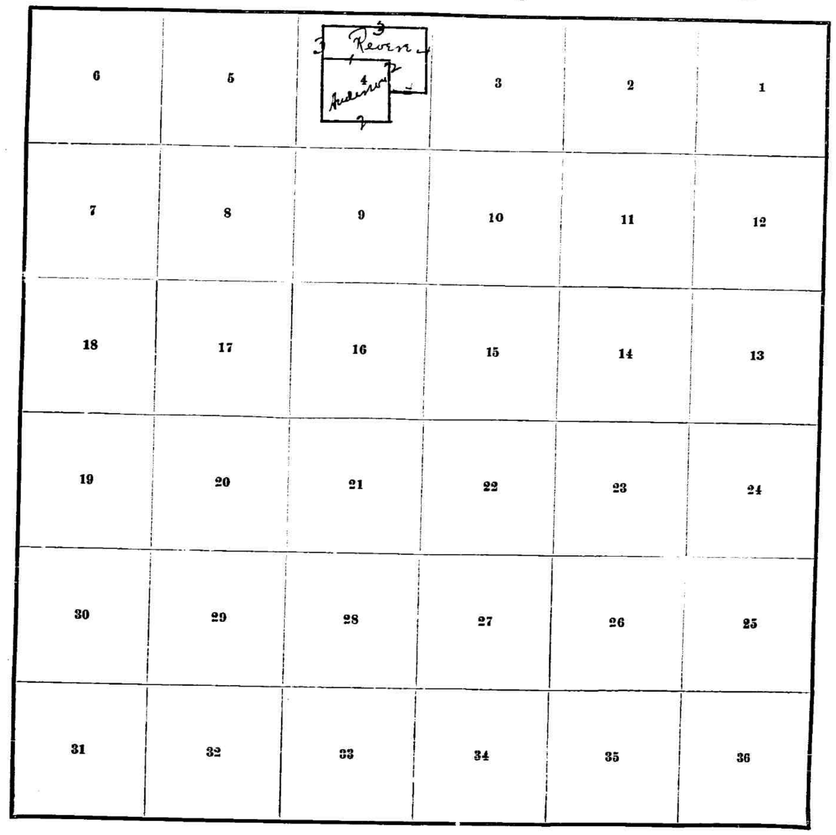
INDEX DIAGRAM.

Township 23, *Range* 38



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, Frank H Drake, do solemnly swear that I will well and truly perform the duties of chainman and moundman flagman ~~according to instructions given me, to the best of my skill and ability,~~ in the survey of the claims of Gilbert Renere and Lewis A. Anderson in Section 4, T 23 N. R 38 W State of Nebraska according to instructions given me to the best of my skill and ability.

Frank H Drake ~~Flagman.~~

Subscribed and sworn to before me this 16th
day of November, 1896

SEAL

E. E. Lewis
Co. Clerk in & for Sarp Co. Neb.

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Claim lines of T. 24 N. R. 38 W.

Chains. (No. 66)

The H.E. Claim of
Lewis A. Anderson, on Sec. 4.
Area, 160 acres.

At a point on the E. bdy. of the H.E. claim of Isaac Beem, agreed upon by the owners, I deposit a marked stone, 12 ins. in the ground, for the NW. cor. of the H.E. claim. of Lewis A. Anderson, and SW. cor. of the N. part of Gilbert Renere's H.E. 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 E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
GR; on NE. and
LAA; on SE. faces.
Thence I run

East, bet. this claim, and the H.E. claim of Gilbert Renere.
Over level wet meadow.
0.20 Wire fence: bears N. 3° W.
40.00 Deposit a charred stake 12 ins. in the ground for NE. cor. of the claim; and a cor. of the H.E. claim of Gilbert Renere: 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
GR; on SE. and
LAA; on SW. faces.
This cor. bears N. 57° 36' W. 25.91 chs. dist from the ¼ sec. cor. bet. secs. 3 and 4.
Lat. 13.88 N.; Dep. 21.87 chs. W.
Thence I run

Chains.

South, bet. this claim, and Gilbert Renere's H.E. claim.
Over level wet valley.
8.00 Leave valley; ascend moderately.
19.75 Wire fence; bears nearly E. and W.
20.00 Deposit a marked stone 12 ins. in the ground for Sw. cor. of the E. part of Gilbert Renere's H.E. 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 E. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
GR: on NE. face.
Ascend along S. slope of range.
38.50 Top of ascent; thence along top of hills.
40.00 Deposit 2 small, marked stones, 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
LAA: on NW. face.
Thence 1 mm

West, along S. bdy. of the claim.
Over rolling ground, on top of range.
5.00 Begin descent along N. slope.
" Renere's house bears N. 22°30' W.
" Anderson's " " N. 50°45' W.
" Beem's " " N. 66°15' W.
13.00 Bottom of descent; thence over low hills.
34.50 Begin descent into pass.
40.00 Intersect E. bdy. of Isaac Beem's H.E. claim 40 chs. S. of the Beginning cor. of this survey.
Deposit 2 small marked stones 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.

Chains.

12 ins. in the ground, marked
LAA: on NE. face.
Land: broken sand hills, and wet bottom.
Soil, 1st and 3rd rate.
November 10, 1896.

(No. 65)

The H.E. claim of William H. Chambers, owned by Gilbert Renere; on Sec. 4
Area 160 acres.

From the Sw. cor. of the N. part of claim, described in the notes of the survey of the H.E. claim of Lewis A. Anderson, 1 mm
North, bet. this claim, and the H.E. claim of Isaac Beem.
19.55 The NE. cor. of Isaac Beem's H.E. claim.
20.00 Deposit a small stone, and half a brick, 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
GR; on SE. face.
Thence 1 mm

East, on N. bdy. of the claim.
Along S. face of range, over ridges and ravines.
14.00 Renere's house bears S. 5 chs. dist.
15.50 S. face of bluff, 100 ft. above valley; descend along SE. face, over low broken hills.
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

Claim lines of T. 23 N. R. 38 W.

Chains.

ins. sq. 12 ins. in the ground. marked
GR; on SW. face.
Thence I run

South, along E. bdy. of claim.
Descend over rolling hills.
2.20 Wire fence along railroad.
3.50 Trail, along railroad.
3.87 Wire fence " "
4.24 Telegraph line " "
4.81 Center of track, Burlington and Missouri River railroad; bears S. 86° 30' W.
5.66 Wire fence " " enter level wet valley.
23.00 Ascend gradually along N. slope.
39.15 Wire fence: bears S. 88° W.
40.00 Set temp. S.E. cor. of the claim.

From the Sec. cor. of the E. part of claim, described in the notes of the survey of Lewis A. Anderson's H.C. claim. I run
East, along S. bdy. of the claim.
Ascend gently, along N. slope.
19.00 Top of ascent, 30 ft.; thence along N. slope.
20.00 The temp. S.E. cor. where I deposit a marked stone 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
GR; on NW. face.
Land; level bottom, and rolling sand hills.
Soil, 1st and 3rd rate.

November 11, 1896.

I hereby certify that I assisted Willard W Alt, U S Surveyor in surveying the Claims of Gilbert Reese and Lewis A Anderson, in Section 4, Township 23 N, Range 38 W. State of Nebraska, as represented in the foregoing field notes, and to the best of my knowledge and belief, the corner monuments were established in accordance with the instructions furnished by the Commissioner of the General Land Office

Frank H Drath

Subscribed and sworn to before me this 4th day of November 1896

E. E. Lewis
Co. Clerk in & for Grant Co.
Neb

Seal

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, Willard W. Alt, United States ~~Deputy~~ Surveyor, do solemnly swear that, in pursuance of a contract received from Commissioner of Genl, ~~United States Surveyor General for~~ Land Office, bearing date of the 26th day of December, 1894, 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 Genl Land Office, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of claim lines in Township No 23 N. Range 38 W

~~of the~~ ~~base~~ and 6th 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, and the special written instructions of the ~~United States Surveyor General for~~ Commissioner Genl 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 William W Alt, and sworn to before me this 16th day of November, 1896

P. J. Carey
Clerk Dist Court

SEAL

APPROVAL.

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

Washington D.C. April 30th, 1897

The foregoing field notes of the re survey of parts of the claim lines of Township No. 23 North Range No. 38 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 resurveys they describe, are hereby approved.

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

I certify that the foregoing transcript of the field notes of the above-described surveys ~~in~~ of parts of private claims in T 23 N R 38 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 Genl for Nebraska

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General Land Office • Original Field Notes

Book Number

779

W.W. Alt Subdivision of T 23 N - R 38 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.