General Land Office • Original Field Notes

Book Number

780

W.W. Alt Subdivision of T 23 N - R 40 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

11-23-03

FIELD NOTES

OF THE SURVEY OF

Subdivision and Claim Lines of Township No. 23 N., Range 40 W.

Of the 6th Principal Meridian,

State of Nebraska

AS SURVEYED BY

Willard W. Alt, U. S. Deputy Surveyor,

Under his Contract No. ——, *dated* December 26, 1894

Survey commenced August 19, 1895.

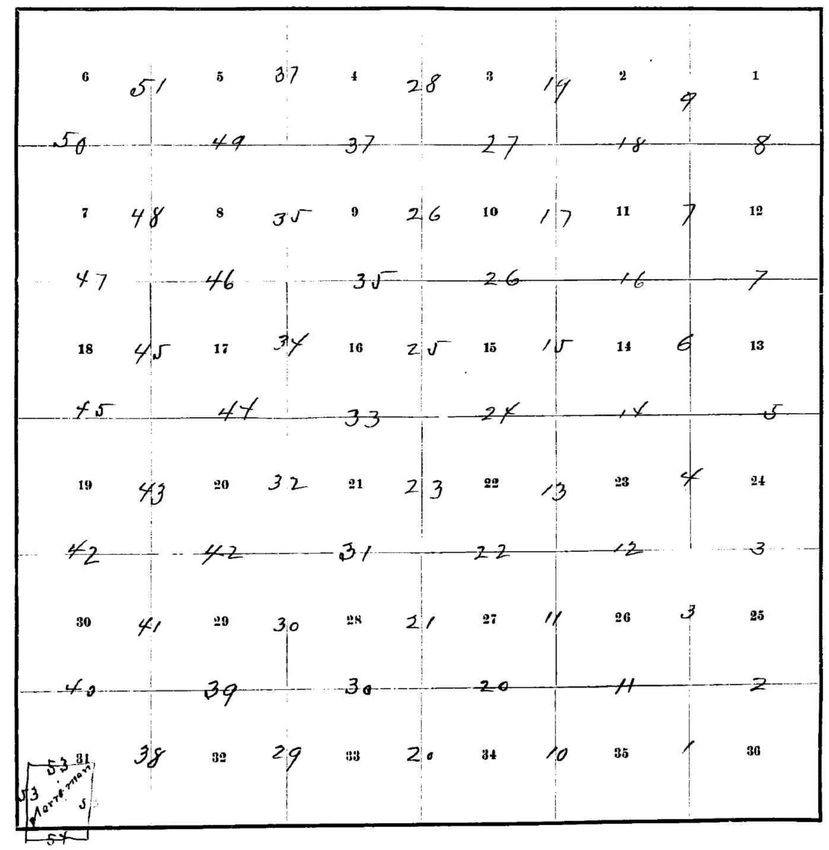
Survey completed August 26, 1895.

Names and Duties of Assistants.

Clarence P. Haggard, Chainman
Sidney Blount, Chainman
James G. Grover, Flagman
James C. Rosengren, Monumentman
Albert H. Andrews, Monumentman.

INDEX DIAGRAM.

Township 23 N, *Range* 40 W



Meanders Page

Preliminary Oaths of Assistants.

WE, ...

.....

.....

do solemnly swear that we will well and faithfully execute the duties of chain carriers; that we will level the chain over even and uneven ground, and plumb the tally-pins either by sticking or dropping the same; that we will report the true 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 the .....

.....

.....

.....

.....

..... , *Chainman.*

..... , *Chainman.*

..... , *Chainman.*

..... , *Chainman*

Subscribed and sworn to before me this .....
day of ....., 18 .

.....

.....

WE, ...

.....

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

.....

.....

.....

.....

Subscribed and sworn to before me this .....
day of ....., 18 .

..... , *Axeman.*

..... , *Axeman.*

.....

.....

6—151

Subdivision of T. 23 N. R. 40 W.

Chains	
	The initial directions of the meridional section lines of this Tp. are referred to the tangent which was ranged out and left marked, on the S. bdy. of the township.
	I commence at the cor of secs 1. 2. 35. and 36. heretofore described,
	thence I run
	N. 0°01' W. bet. secs. 35 and 36.
	Ascend abruptly along S. slope of range.
2.00	Top of ascent 30 ft above cor.: thence along S. face of range.
15.90	Top of range. 50 ft above cor.; bears N.W. and S.E. descend gradually over low hills.
40.00	Deposited a charred stake 12 ins in the ground for ¼ sec cor. bet secs 35-36: dug pits 18x18x12 ins N & S of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked ¼ S, on W. face
43.00	Bottom of descent: enter basin like bottom. bears N. W. and S.E.
46.00	Begin ascent over low, rolling hills.
79.00	Trail to Hyannis: bears E. & W.
80.00	Deposited a charred stake 12 ins in the ground for cor of secs 25. 26. 35. and 36.; dug pits 18x18x12 ins. in each sec 4 ft dist and raised a mound of earth 4 ft base 2 ft high over deposit. In S.E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked T 23 N S 25. on NE. R 40 W S 36. on SE. S 35. on SW. and S 26. on NW faces. with 1 notch on S. & E. edges.
	Land, hilly.
	Soil, sandy, 3rd rate.
	Sand and bunch grass. — No timber.

Chains	
	S. 89°58' E. on a random line bet. secs 25 & 36.
40.00	Set temp ¼ sec cor.
80.04	Intersect E. bdy of Tp. at the cor of secs 25. 30. 31. and 36.
	Thence I run
	N. 89°58' W. on a true line bet. secs 25 & 36.
	Ascend along S.E. face of range.
10.00	Top of ascent, 100 ft high: thence along the S. slope over broken land.
29.00	Begin descent along S.W. slope.
40.02	Deposited a charred stake 12 ins in the ground for ¼ sec cor. bet secs 25-36: dug pits 18x18x12 ins. E & W of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground marked
	¼ S., on N. face.
	Ascend along S.E. slope of ridge.
41.00	Top of ascent on ridge: bears N.E. & S.W. descend along N. slope of range.
51.00	Bottom of descent, in ravine or pass.: bears S. 75° E. and N. 75° W.: thence descend slightly along S. side of pass.
73.00	Trail to Hyannis: bears N. 80° E.
77.00	Foot of range: thence over rolling foot hills.
80.04	The cor of secs 25. 26. 35. and 36.
	Land, hilly.
	Soil, sandy; 3rd rate.
	Sand and bunch grass.
	No timber.

	N. 0°01' W. bet. secs. 25 & 26.
	Ascend gradually along S. slope of range.
13.50	Top of ascent on range 50 ft high.: bears E & W. thence along top of range, over broken land.
38.00	Begin abrupt descent along N.E. slope of range.
40.00	Deposited a charred stake 12 ins in the ground for ¼ sec cor. bet secs 25-26: dug pits 18x18x12 ins N & S of cor 4 ft dist and raised a mound of earth 3½ ft base 1½

Chains	
	ft high over deposit.
	In S pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked
	¼ S, on W. face.
49.00	Bottom of descent, in a ravine, bears N.W. & S.E. ascend gradually along S.W. slope of range.
71.00	Top of ascent on range, bears N.W. & S.E.
	Thence over rolling land along top of range.
80.00	Deposited a charred stake 12 ins in the ground for cor. of secs. 23. 24. 25. and 26.: dug pits 18x18x12 ins in each sec 4 ft dist.: and raised a mound of earth 4 ft base 2 ft high over deposit.
	In S.E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked
	T 23 N S 24. on N.E.
	R 40 W S 25. on S.E.
	S 26, on S.W. and
	S 23. on N.W. faces with 2 notches on S. and 1 on E. edges.
	Land, hilly.
	Soil, sandy; 3rd rate.
	No timber. Sand and bunch grass.

	S. 89°58' E. on a random line bet. secs 24 & 25.
40.00	Set temp ¼ sec cor.
80.14	Intersect E. bdy of Tp. 16 lks S. of the cor of secs 19. 24. 25. and 30.
	Thence I run
	S. 89°55' W. on true line bet. secs 24 & 25.
	ascend along N.E. slope of range.
12.00	Top of ascent; thence along N. face of range.
17.00	Begin descent along N.W. slope, over low ridges and ravines.
40.07	Deposited a charred stake 12 ins in the ground for ¼ sec cor. bet secs 24-25: dug pits 18x18x12 ins. E & W. of cor 4 ft dist. and raised a mound of earth 3½ ft base. 1½ ft high over deposit.
	In E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked
	¼ S, on N. face.

Chains	
52.00	Bottom of descent, in S. edge of valley: thence over rolling land, along S. side of valley.
60.00	Begin ascent along N.E. slope of range.
80.14	The cor of secs 23. 24. 25. & 26.
	Land. hilly
	Soil. sandy: 3rd rate.
	No timber, – sand and bunch grass.

	N. 0°01' W. bet. secs. 23 & 24.
	Descend gradually along N. slope.
11.00	Bottom of descent; thence over rolling foot hills.
32.00	Begin descent along NW. slope of low hills.
40.00	Deposited a charred stake 12 ins in the ground for ¼ sec cor. bet secs 23-24; dug pits 18x18x12 ins N & S of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S., on W. face.
45.00	Bottom of descent, in basin like bottom.; bears E. & W.
48.05	Trail to Hyannis; bears N. 80° E. and S. 80° W.
50.00	Leave valley; foot of bluff bears E & W.; ascend abruptly along S. slope.
58.00	Top of ascent, on bluff. 50 ft high: thence ascend along S. face of range.
67.50	Top of range. 75 ft high. bears E & W.; thence over broken land along top of range.
80.00	Set an oak post 3 ft long 4 ins sq. with a charred stake 24 ins in the ground for cor of secs 13. 14. 23. and 24. marked
	T 23 N S 13. on NE.
	R 40 W S 24. on SE.
	S 23. on SW. and
	S 14. on NW faces. with 3 notches on S. and 1 notch on E. edges. dug pits 18x18x12 ins in each sec 5½ ft dist: and raised a mound of earth 4 ft base 2 ft high W. of corner.
	Land. sand hills.
	Soil. sandy; 3rd rate.
	No timber. -- Bunch and scattering prairie grass.

Chains.	
	N. 89°55' E. on a random line bet secs 13 & 24.
40.00	Set temp ¼ sec cor.
80.00	Intersect E. bdy of Tp. at the cor of secs 13. 18. 19. and 24.
	Thence I run
	S. 89°55' W. on true line bet. secs 13 & 24.
	Ascend along NE. slope of range.
3.00	Top of ascent. 20 ft above cor.; descend along NW. slope over low ridges and ravines
40.00	Deposited a charred stake 12 ins in the ground for ¼ sec cor. bet secs 13-24; dug pits 18x18x12 ins E & W. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked ¼ S., on N. face.
	This ¼ secs cor is situated on top of low ridge; bears N. & S.
48.00	Bottom of descent, in pass: bears NE. & SW.
	thence over rolling land.
48.25	Trail to Hyannis: bears N. 70° E. and S. 70° W.
65.00	Begin ascent along NE. slope of range.
80.00	The cor of secs 13. 14. 23. and 24.
	Land. hilly and rolling:
	Soil. sandy: 3rd rate.
	No timber; – Sand and bunch grass.

Chains	
	N. 0°01' W. bet. secs 13 & 14.
	Descend gradually along N. slope of range.
15.00	Bottom of descent, in valley; bears N.E. & S.W.
17.00	Leave valley. foot of range bears E & W.
	ascend gradually along S. slope.
20.00	Top of ascent 40 ft high, thence along top
	of range. over rolling land.
39.00	Begin descent along N. slope.
40.00	Deposited a charred stake 12 ins in the ground
	for ¼ sec cor. bet secs 13-14; dug pits 18x18x12 ins N & S of cor
	4 ft dist. and raised a mound of earth 3½ ft
	base 1½ ft high over deposit.
	In S. pit drove an oak stake 2 ft long 2 ins
	sq. 12 ins in the ground, marked
	¼ S.; on W. face.
61.00	Bottom of descent. foot of range bears
	E. & W.; ascend along S.W. slope.
76.00	Top of ascent; thence over rolling land
	on top of range.
80.00	Deposited a charred stake 12 ins in the
	ground for cor of secs 11. 12. 13. & 14.
	dug pits 18x18x12 ins in each sec 4 ft dist
	and raised a mound of earth 4 ft base 2 ft
	high over deposit.
	In S.E. pit drove an oak stake 2 ft long 2 ins
	sq. 12 ins in the ground. marked
	T 23 N S 12. on N.E.
	R 40 W S 13. on S.E.
	S 14. on S.W. and
	S 11. on N.W. faces with 4 notches on S.
	and 1 on E. edges.
	Land. hilly and rolling.
	Soil. sandy: 3rd rate.
	No timber: sand and bunch grass.

Chains	
	N. 89°55' E. on a random line bet. secs 12 & 13.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect E. bdy of Tp. 9 lks N. of the cor of secs
	7. 12. 13. & 18:
	Thence I run
	S. 89°59' W. on true line bet. secs 12 & 13.
	ascend along S.E. slope of range over
	broken land.
11.00	Top of ascent on range: descend along S.W.
	slope.
21.00	Bottom of descent in ravine; bears N. & S.,
	ascend along S.E. slope of range.
40.00	Deposited a charred stake 12 ins in the
	ground for ¼ sec cor. bet secs 12-13; dug pits 18x18x12 ins
	E & W., of cor 4 ft dist. and raised a mound of
	earth 3½ ft base 1½ ft high over deposit.
	In E. pit drove an oak stake 2 ft long
	2 ins sq. 12 ins in the ground. marked
	¼ S., on N. face.
47.00	Top of ascent on range 75 ft. high; thence
	over broken land along top of range.
80.00	The cor of secs 11. 12. 13. and 14.
	Land, sand hills.
	Soil. sandy; 3rd rate.
	No timber. – Sand and bunch grass.

	N. 0°01' W. bet. secs. 11 & 12.
	ascend slightly.
9.00	Top of range, bears N. 70° E., and S. 70° W.
12.00	Begin gradual descent along N. slope.
30.00	Bottom of descent; enter rolling land.
40.00	Deposited a charred stake 12 ins in the
	ground for ¼ sec cor. bet secs 11-12; dug pits 18x18x12 ins
	N & S of cor 4 ft dist. and raised a mound
	of earth 3½ ft base 1½ ft high over deposit.
	In S. pit drove an oak stake 2 ft long 2 ins sq
	12 ins in the ground. marked
	¼ S., on W. face.
	Over rolling land.

Chains	
50.00	Foot of range; bears E & W., ascend gradually along S. slope.
58.00	Top of ascent 60 ft high, descend gradually along N. slope.
77.00	Bottom of descent; trail, bears N. 80° E. and S. 80° W. ascend slightly.
80.00	Deposited a charred stake 12 ins in the ground for cor. of secs. 1. 2. 11. & 12.; dug pits 18 X 18 X 12 ins. in each sec 4 ft dist. and raised a mound of earth 4 ft base 2 ft high, over deposit. In SE. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked T23 N S1. on NE. R40 W S12. on SE. S11. on SW. and S2. on NW. faces. with 5 notches on S. and 1 on E. edges. Land, hilly; Soil, sandy; 3rd rate. No timber. - Sand and bunch grass.

N. 89° 59' E. on a random line bet secs 1 & 12.

40.00	Set temp ¼ sec cor.
80.06	Intersect E. bdy. of Tp. 2 lks S. of the cor of secs 1. 6. 7. and 12.

Thence I run
S. 89° 58' W. on true line bet. secs 1 & 12.
Ascend along NE. slope of range.

8.00	Top of ascent on range; bears NE & SW. Thence over rolling ground.
17.00	Begin descent along N. slope.
29.00	Bottom of descent, in pass: bears N & S. Ascend abruptly along SE. slope of range.
36.00	Top of ascent on range. 75 ft high; thence along S. face, over rolling land.
40.03	Deposited a charred stake 12 ins in the ground for ¼ sec. cor. bet secs 1-12; dug pits 18 X 18 X 12 ins E. & W. of cor 4 ft dist and raised a mound of earth 3½ ft base 1½ ft high over deposit.

Chains	
	In E. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S., on N. face.
57.00	Begin gradual descent along SW. slope.
69.50	Bottom of descent, in pass. Trail, bears N. 40° E. and S. 40° W. ascend along SE. slope of range.
73.00	Top of ascent on S. face of range; thence over broken land.
80.06	The cor. of secs. 1. 2. 11. and 12. Land, sand hills. Soil, sandy; 3rd rate. No timber. - Sand and bunch grass.

August 19, 1895.

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

40.00	Set temp ¼ sec cor.
80.30	Intersect N. bdy of Tp. 3 lks E. of the cor of secs 1. 2. 35. & 36.

Thence I run
S. 0° 02' E. on true line bet. secs 1 & 2.
Ascend along N. face of range.

9.00	Top of ascent, on range 150 ft high; bears E & W.; descend gradually along S. slope.
32.00	Bottom of descent, enter level land. bears N.W. and S.E.
40.30	Deposited a charred stake 12 ins in the ground for ¼ sec cor. bet secs 1-2; dug pits 18 X 18 X 12 ins N & S. of cor. 4 ft. dist and raised a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S., on N. face.
41.00	Leave rolling land, and begin gradual ascent along N. slope of range.
58.00	Top of ascent; range bears NW & SE. thence over rolling land along top of range.

Chains	
67.00	Begin gradual descent along S. slope.
80.30	The cor of secs 1. 2. 11. & 12.
	Land rolling and hilly.
	Soil, sandy: 3rd rate.
	No timber; — Sand and bunch grass.
	August 26° 1895.

	From the cor of secs 2. 3. 34. & 35., on the S. bdy. of Tp.
	S 1mm
	N. 0°02' W. bet. secs 34 & 35.
	Ascend along S. face of range.
20.75	Top of ascent on sand ridge; SE. edge of blow-out. 150 ft. above valley; descend over broken sand ridges.
29.40	Ridge bears NW. & SE.; descend abruptly along NE. slope.
40.00	Deposited a chamfered stake 12 ins in the ground for ¼ sec cor bet secs 34-35; dug pits 18 x 18 x 12 ins N & S of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked ¼ S., on N. face.
41.00	Begin abrupt descent along NE. slope of range.
65.00	Enter level land; bears N.W. and S.E.
75.58	Trail. bears N. 85° E. and S. 85° W.
80.00	Deposited a chamfered stake 12 ins in the ground for cor of secs 26. 27. 34. and 35.; 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 drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked T 23 N S 26. on NE. R 40 W S 35. on SE. S 34. on SW. and S 27. on NW. faces. with 1 notch on S. and 2 notches on E. edges.

Chains	
	Land, hilly.
	Soil. sandy; 3rd rate.
	No timber. — Sand and bunch grass.

	S. 89° 58' E. on a random line bet. secs 26 & 35.
40.00	Set temp ¼ sec cor.
79.72	Intersect N & S line 13 lks N. of the cor of secs 25. 26. 35. & 36.
	Thence S mm
	N. 89° 52' W. on true line bet. secs. 26. & 35.
	Descend over rolling foot hills.
11.00	Bottom of descent; enter dry valley.
39.86	Deposited a chamfered stake 12 ins in the ground for ¼ sec cor bet secs 26-35; dug pits 18 x 18 x 12 ins E & W of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In E. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked ¼ S., on N. face.
	Over level valley land.
79.72	The cor of secs 26. 27. 34. & 35.
	Land. level.
	Soil. sandy; 3rd rate.
	No timber; sand and bunch grass.

	N. 0°02' W. bet. secs 26 & 27.
	Over level bottom land.
14.00	Leave level land; foot of range bears N. 50° E. and S. 50° W.; ascend along SE. slope.
28.00	Top of ascent, on E. face of range. 100 ft high thence over ridges and ravines.
30.00	Begin descent along NE. slope.
40.00	Deposited a chamfered stake 12 ins in the ground for ¼ sec cor bet secs 26-27; dug pits 18 x 18 x 12 ins N & S of cor 4 ft dist and raised a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked ¼ S., on N. face.

Chains.

71.00 Bottom of descent, in E. end of valley. bears E. & W.

72.00 Foot of range. bears E. & W.; ascend along S. slope

79.00 Top of ascent on range. 70 ft high; thence over rolling land, on top of range.

80.00 Deposited a chained stake 12 ins in the ground for cor of secs 22. 23. 26. and 27. 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. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
T 23 N S 23. on NE.
R 40 W S 26. on SE.
S 27. on SW. and
S 22. on NW faces. with 2 notches on S. and E. edges.
Land. hilly.
Soil. sandy; 3rd rate.
No timber; — sand and bunch grass.

S. 89° 52' E. on a random line bet. secs 23 & 26.

40.00 Set temp ¼ sec cor.

79.76 Intersect N. & S. line 13 lks S. of cor of secs 23. 24. 25. & 26.
Thence I run
N. 89° 58' W. on a true line bet. secs 23 & 26.
Ascend gradually along NE. slope of ridge.

10.00 Top of ascent on ridge. bears NE. & SW.
thence along top of ridge.

16.00 Begin descent along W. slope.

18.00 Bottom of descent in a depression. bears NW. & SE.; ascend along NE. slope of ridge.

31.00 Top of ascent on ridge. bears NW. & SE.

35.00 Begin gradual descent along W. slope

39.88 Deposited a chained stake 12 ins in the ground for ¼ sec cor. bet secs 23-26; dug pits 18 x 18 x 12 ins E. & W. of cor 4 ft dist. and raised a mound of earth

Chains.

3½ ft base 1½ ft high over deposit.
In E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S, on N. face.
Over ridges and ravines along S. slope of range.

67.00 Depression. bears N. & S.; ascend slightly

71.00 Top of ascent, thence over rolling land along S. face of range.

79.76 The cor of secs 22. 23. 26. and 27.
Land. broken sand hills.
Soil. sandy; 3rd rate.
No timber; — sand and bunch grass.

N. 0° 02' W. bet secs 22 and 23.
Ascend gradually, along S. slope of range.

13.00 Top of ascent, 30 ft above cor.

14.50 Begin gradual descent along N. slope of range.

40.00 Deposited a chained stake 12 ins in the ground for ¼ sec cor. bet secs 22-23; dug pits 18 x 18 x 12 ins N. & S. of cor 4 ft dist; and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked ¼ S, on N. face.
Over rolling land, descending slightly.

44.00 Bottom of descent; thence over low foot hills.

57.25 Trail to Hyannis: bears E. & W.

60.00 Foot of range; bears E. & W. - ascend along S. slope.

70.00 Top of ascent 50 ft above bottom. thence along E. face of ridge.

80.00 Deposited a chained stake 12 ins in the ground for cor of secs. 14. 15. 22 & 23.; dug pits 18 x 18 x 12 ins. in each sec. 4 ft dist and raised a mound of earth 4 ft base 2 ft high over deposit.

Chains

In SE. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
T 23 N S 14, on NE.
R 40 W S 23, on SE.
S 22, on SW.
S 15, on NW. faces, with 3 notches on S. and 2 on E. edges.
Land, rolling and hilly.
Soil, sandy; 3rd rate.
No timber: — Sand and bunch grass.

S. 89°58' E. on a random line bet. secs. 14 & 23.
40.00 Set temp ¼ sec cor.
79.74 Intersect N & S line 16 lks S. of the cor of secs 13. 14. 23. and 24.
Thence I run
S. 89°55' W. on true line bet. secs 14 & 23.
Descend along N. W. slope of range.
3.70 Bottom of descent; enter rolling foot hills. along N. slope of range.
10.00 Begin ascent along N. E. slope of range.
39.87 Deposited a charred stake 12 ins in the ground for ¼ sec. cor. bet secs 14 - 23; dug pits 18 x 18 x 12 ins E & W. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked
¼ S., on N. face.
Over ridges and ravines, along N. face of range.
52.00 Begin descent along W. face of range. over ridges and ravines.
79.74 The cor of secs. 14. 15. 22. & 23.
Land. hilly.
Soil. sandy; 3rd rate.
No timber; Sand and bunch grass.

Chains

N. 0°02' W. bet. secs 14 & 15.
Ascend over rolling land.
3.00 Begin descent along N. slope of range.; bears NE. & SW.
22.00 Bottom of descent; enter rolling land.
40.00 Deposited a charred stake 12 ins in the ground for ¼ sec cor. bet secs 14 - 15; dug pits 18 x 18 x 12 ins; N & S of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In S. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
¼ S., on W. face.
Over rolling land
60.00 Foot of sand bluff.; bears N. 85' E. and S. 85° W.; ascend abruptly along SE. slope.
66.00 Top of bluff. 60 ft above bottom.
72.00 Top of ascent on sand peak 150 ft above bottom.; descend along N. slope of range over ridges and ravines.
80.00 Deposited a charred stake 1½ ins in the ground for cor of secs 10. 11. 14. & 15.; dug pits 18 x 18 x 12 ins. in each sec 4 ft dist. and raised a mound of earth 4 ft base 2 ft high over deposit. In SE. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground marked
T 23 N S 11. on NE.
R 40 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. rolling and hilly.
Soil. sandy; 3rd rate.
No timber; — sand and bunch grass.

Chains	
	N. 89° 55' E., on a random line bet. secs. 11 & 14.
40.00	Set temp. ¼ sec cor.
79.86	Intersect N & S line 10 lks N. of the cor of secs 11. 12. 13. & 14
	Thence I run
	S. 89° 59' W. on a true line bet secs 11 & 14.
	Descend along SW. slope of range.
10.00	Bottom of descent, in ravine, or pass. bears N. W. and S.E.; ascend along S.E. slope.
13.00	Top of ascent on ridge; bears NW. & SE.
	Thence ascend gently along S. face of range.
20.00	Top of range; thence over rolling land.
39.93	Deposited a channel stake 12 ins in the ground for ¼ sec cor bet secs 11-14; dug pits 18 x 18 x 12 ins. E & W of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S., on N. face.
59.00	Begin descent along N. W. slope, over low ridges and ravines.
74.00	Bottom of descent in pass: bears N & S.; 50 ft below cor.
	Ascend abruptly along N.E slope of range.
79.75	Top of ascent on N. face of range.
79.86	The cor of secs 10. 11. 14. and 15.
	Land, hilly.
	Soil. sandy: 3rd rate.
	No timber: — sand. and bunch grass.

Chains	
	N. 0° 02' W. bet. secs 10 & 11.
	Descend abruptly along NE. slope.
26.00	Bottom of descent; enter rolling land.
37.00	W. end of valley; bears SE. & NW.
40.00	Deposited a channel stake 12 ins in the ground for ¼ sec cor bet secs 10-11; dug pits 18 x 18 x 12 ins N. & S. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high, over deposit. In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S., on N. face.
	Ascend gradually along S. W. slope of range.
50.00	Top of ascent on W. end of range 75 ft high; bears E & W.
	Descend gradually along NW. slope of range.
78.35	Trail to Hyannis. bears N. 85° E. and S. 85° W.
80.00	Deposited a channel stake 12 ins in the ground for cor of secs. 2. 3. 10. & 11. dug pits 18 x 18 x 12 ins. in each sec 4 ft dist, and raised a mound of earth 4 ft base 2 ft high over deposit. In SE. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked T 23 N S 2. on NE. R 40 W S 11. on SE. S 10. on SW. and S 3. on NW. faces: with 5 notches on S. and 2 on E. edges.
	Land, hilly.
	Soil. sandy; 3rd rate.
	No timber: — Sand and bunch grass.

Subdivision of T. 23 N. R. 40 W.

Chains.	
	N. 89°59' E. on a random line bet. secs. 2 & 11.
40.00	Set temp. ¼ sec. cor.
79.74	Intersect N. & S. line 23 lks N. of the cor. of secs. 1. 2. 11. and 12.
	Thence I run
	N. 89°57' W. on true line bet. secs 2 & 11.
	Descend gradually along SW. slope of range.
16.00	Bottom of descent, in valley; bears NW & SE.
	Trail; bears S. 80° E. and N. 80° W.
	Ascend along NE. slope of range.
39.87	Deposited a charred stake 12 ins in the ground for ¼ sec. cor. bet. secs 2-11; dug pits 18 x 18 x 12 ins E & W. of cor. 4 ft dist, and raised a mound of earth 3½ ft base 1½ ft high over deposit.
	In E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S, on N. face.
	This cor is situated at top of ascent on N. slope of range.
	Descend gradually along NW. slope of range.
72.70	Trail to Hyannis; bears N. 85° E.
79.74	The cor of secs 2. 3. 10. & 11.
	Land, hilly and rolling.
	Soil, sandy; 3rd rate.
	No timber. Sand and bunch grass
	August 20, 1895.

Subdivision of T. 23 N. R. 40 W.

Chains.	
	N. 0°02' W. on a random line bet. secs. 2 & 3.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. bdy of Tp. 28 lks E. of the cor of secs 2. 3. 34. & 35.
	Thence I run
	S. 0°14' E. on true line bet. secs 2 & 3.
	Descend along S. slope of range.
22.00	Bottom of descent, enter valley; bears E & W. thence ascend gradually, along N. slope of range.
40.00	Deposited a charred stake 12 ins in the ground for ¼ sec. cor. bet. secs 2 & 3; dug pits 18 x 18 x 12 ins. N & S. of cor 4 ft dist, and raised a mound of earth 3½ ft base 1½ ft high over deposit.
	In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S, on W. face.
48.00	Top of ascent on range, bears E & W.
	thence over rolling land.
53.00	Begin descent along S. slope of range over low ridges and ravines.
70.00	Bottom of descent, thence over rolling land
80.00	The cor of secs 2. 3. 10. & 11.
	Land, sand hills.
	Soil, sandy; 3rd rate.
	No timber; – Sand and bunch grass.
	August 24, 1895

Chains

From the cor of secs 3. 4. 33. & 34. on the S. bdy of Tp. heretofore described.
I run
N. 0°03' W. bet. secs. 33 & 34.
Descend along N.E. slope of range.

15.00 Bottom of descent; thence over rolling land.

20.00 S. edge of Alkali bottom land.

40.00 Deposited a charred stake 12 ins in the ground for ¼ sec cor. bet secs 33-34; dug pits 18x18x12 ins N & S of cor 4 ft dist.; and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
¼ S, on W. face
This ¼ cor is situated at N. edge of alkali land

62.00 Leave bottom land; foot of bluff bears S. 60° W. and N. 60° E.; ascend gradually along S.E. slope.

69.00 Top of ascent on S. slope of range; thence descend along S. face over broken land.

75.00 Top of ascent on S.E. face of ridge; descend along E. slope of ridge into depression.

80.00 Set an oak post 3 ft long 4 ins sq. with a charred stake 24 ins in the ground for cor of secs 27. 28. 33. and 34. marked
T 23 N S 27. on NE.
R 40 W S 34. on SE.
S 33. on SW. and
S 28. on NW. faces, with 1 notch on S. and 3 notches on E. edges. dug pits 18x18x12 ins in each sec. 5½ ft dist. and raised a mound of earth 4 ft base 2 ft high W. of cor.
Land, rolling and hilly
Soil, sandy; 3rd rate.
No timber. - Good prairie grass in valley; sand and bunch grass on hills.

S. 89°58' E. on a random line bet secs 27 & 34.

40.00 Set temp ¼ sec cor.

Chains

79.90 Intersect N & S line at the cor of secs 26. 27. 34. & 35.
Thence I run
N. 89°58' W. on true line bet. secs. 27 & 34.
Over level land.

35.00 Leave level land. Foot of range bears N. 70° E. and S. 70° W.; ascend gradually along S.E. slope of range.

39.95 Deposited a charred stake 12 ins in the ground for ¼ sec cor. bet secs 27-34; dug pits 18x18x12 ins E & W of cor 4 ft dist, and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
¼ S., on N. face.
Ascend over broken land along S.E. slope of range.

60.50 Top of ascent on ridge. bears N. & S. descend along N. slope.

63.00 Bottom of descent in depression; bears N. & S.; ascend abruptly, over ridges and ravines.

71.00 Top of ridge. 50 ft high. bears NW & SE. descend along SW. slope of ridge.

73.00 Depression, bears N. & S.; ascend abruptly

76.50 Top of ascent on SE. face of range. descend slightly along N. slope of ridge.

79.90 The cor of secs 27. 28. 33. and 34.
Land, hilly.
Soil, sandy; 3rd rate.
No timber. - sand and bunch grass.

N. 0°03' W. bet. secs. 27 & 28.
Ascend along SW. face of ridge.

6.00 Top of ascent, begin descent along N. face of range.

22.00 Begin abrupt descent, along N. slope

40.00 Deposited a charred stake 12 ins in the ground for ¼ sec cor. bet secs 27-28; dug pits 18x18x12

Chains.	
	ins. N & S of cor. 4 ft dist. and raised a mound of earth. 3½ ft base 1½ ft high over deposit. In S. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked ¼ S, on W. face.
50.00	Bottom of descent; enter level ground, bears N.E. and S.W.
70.00	Leave valley; foot of range bears N 70° E. and S. 70° W.; ascend abruptly. along S.E. slope
77.50	Top of ascent 75 ft high; thence over rolling land on top of range; bears N.E. & S.W.
80.00	Deposited a charred stake 12 ins in the ground for cor. of secs. 21. 22. 27. & 28. dug pits 18 x 18 x 12 ins. in each sec 4 ft dist. and raised a mound of earth 4 ft base 2 ft high over deposit. In S.E. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked T 23 N S 22. on NE. R 40 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. Land. hilly. Soil. sandy; 3rd rate. No timber: — sand and bunch grass.

	S. 89° 58' E. on a random line bet. secs. 22 & 27.
40.00	Set temp. ¼ sec. cor.
79.94	Intersect N & S line 4 lks. S. of the cor of secs 22. 23. 26. & 27. Thence I run West. on true line bet. secs. 22 & 27. ascend along N.E. slope of ridge.
1.00	Top of ascent, 10 ft above cor. thence over rolling ground.
10.00	Begin descent along SW. slope of range.

Chains.	
22.00	Bottom of descent.; enter valley; bears E & W.
39.92	Deposited a charred stake 12 ins in the ground for ¼ sec cor. bet secs 21-22-27-28; dug pits 18 x 18 x 12 ins E & W. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In E. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S, on N. face.
64.00	Leave level land; begin ascent along S.E. slope of bluff.
78.00	Top of ascent, 75 ft.; ascend slightly.
79.94	The cor of secs 21. 22. 27. and 28. Land; level, and hilly. Soil. sandy; 3rd rate. No timber: — sand and bunch grass.

	N. 0° 03' W. bet. secs. 21 & 22. Ascend along S. slope of range.
8.00	Top of range 100 ft high; bears E & W. thence along N. face of range. over ridges and ravines.
20.00	Begin abrupt descent along N. slope.
32.00	Foot of abrupt descent; thence over rolling foot hills; descending slightly.
40.00	Deposited a charred stake 12 ins in the ground for ¼ sec cor. bet secs 21-22; dug pits 18 x 18 x 12 ins N & S of cor 4 ft dist and raised a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked ¼ S, on W. face.
61.00	Bottom of descent: Trail to Hoyamia, bears N. 85° W. and S. 85° E.
65.00	Foot of range. bears NW & SE.; ascend abruptly along S. slope of range.
73.50	Top of abrupt ascent; ascend gradually along SW. face.
80.00	Set an oak post 3 ft long 4 ins sq. with a charred stake 24 ins in the ground

Chains

for cor of secs 15. 16. 21. & 22, marked
T23N S 15. on NE
R40W S 22. on SE.
S 21. on SW. and
S 16. on NW faces with 3 notches on S. and E. edges; dug pits 18X18X12 ins in each sec 5½ ft dist. and raised a mound of earth 4 ft base 2 ft high W. of corner.
Land, sand hills.
Soil, sandy: 3rd rate.
No timber: — Sand and bunch grass.

East, on a random line bet. secs. 15 & 22.
40.00 Set temp ¼ sec cor.
79.96 Intersect N & S line 7 lks S. of the cor of secs 15. 16. 21. & 22.
Thence I run
S. 89° 57' W. on true line bet secs 15 & 22.
Ascend over broken sand ridges along top of range.
20.00 Top of ascent on ridge; bears NW & SE.
descend over broken land.
39.98 Deposited a chaned stake 12 ins in the ground for ¼ sec cor. bet secs 15-22; dug pits 18X18X12 ins E & W. of cor. 4 ft dist. and raised a mound of earth. 3½ ft base 1½ ft high over deposit.
In E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked
¼ S., on N. face.
Over low ridges and ravines along N. W. slope of range.
79.96 The cor of secs 15. 16. 21. & 22
Land, sand hills.
Soil, sandy; 3rd rate.
No timber, — Sand and bunch grass.

Chains

N. 0° 03' W. bet. secs 15 & 16.
Along top of range, over rolling land.
10.00 Begin descent along N. slope of range.
28.00 Bottom of descent in ravine 15 ft deep. bears N. 20° W.; ascend along SW. slope of ridge.
30.00 Top of ascent on ridge; bears NW. & SE. descend gradually along N. slope of range.
40.00 Deposit a chaned stake 12 ins in the ground for ¼ sec cor. bet secs 15-16; dug pits 18X18X12 ins N & S of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
¼ S., on N. face.
Descend gradually along N. slope.
50.00 Enter basin like bottom; bears E. & W.
62.00 Leave bottom, foot of range bears N. 70° W. & S 70° E.; ascend along S. face of sand bluff.
70.50 Top of ascent on bluff. thence ascend along S. face of range.
80.00 Deposited a chaned stake 12 ins in the ground for cor of secs 9. 10. 15. & 16.; dug pits 18X18X12 ins. in each sec 4 ft dist and raised a mound of earth 4 ft base 2 ft high over deposit.
In SE. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
T23N S 10. on NE,
R40W 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, hilly.
Soil, sandy; 3rd rate.
No timber. Sand and bunch grass.

Chains	
	N. 89°57' E. on a random line bet. secs 10 & 15.
40.00	Set temp ¼ sec. cor.
80.00	Intersect N & S line 15 lks N. of the cor of secs 10. 11. 14. & 15.
	Thence I run
	N. 89°56' W. on true line bet. secs 10 & 15.
	Descend along Sw. slope of ridge.
5.00	Bottom of descent; thence over very broken land: ridges and ravines.
40.00	Deposited a charred stake 12 ins in the ground for ¼ sec cor. bet secs 10-15; dig pits 18X18X12 ins E & W. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S, on N. face.
	Along N. slope of range over rolling land, low ridges and ravines.
80.00	The cor of secs 9. 10. 15. and 16.
	Land. sand hills
	Soil, sandy: 3rd rate.
	No timber; Sand and bunch grass.

	N. 0°03' W. bet. secs. 9 & 10.
	Ascend along Sw. slope of ridge.
9.00	Top of ridge 20 ft high: begin gradual descent along NE. slope of range.
35.00	Bottom of descent; enter level land: bears E & W.
40.00	Deposited a charred stake 12 ins in the ground for ¼ sec cor. bet secs 9-10; dug pits 18X18X12 ins N & S of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In S pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground marked ¼ S, on W. face.
45.30	Trail to Hyannis; bears E & W.
60.00	Leave level bottom land; foot of range bears E & W.; ascend abruptly along S. slope.

Chains	
70.30	Top of ascent; ridge bears NW. & SE.
	thence over broken land.
80.00	Set an oak post 3 ft long 4 ins sq. with a charred stake 24 ins in the ground for cor of secs 3. 4. 9. & 10. marked T 23 N S 3. on NE. R 40 W S 10. on SE. S 9. on SW. and S 4. on NW face with 5 notches on S. and 3 on E. edges. dug pits 18X18X12 ins in each sec 5½ ft dist and raised a mound of earth 4 ft base 2 ft high N. of cor.
	Land. hilly and level.
	Soil. sandy; 3rd rate.
	No timber: — Sand and bunch grass.

	S. 89°56' E. on a random line bet. secs 3 & 10.
40.00	Set temp ¼ sec cor.
80.00	Intersect N & S line 22 lks S. of the cor of secs 2. 3. 10. & 11
	Thence I run
	S. 89°55' W. on true line bet. secs 3 & 10.
	Over rolling bottom land.
10.00	Foot of range; bears NE. & SW.; ascend along SE. slope.
16.00	Top of ascent; thence over broken land along top of range.
33.00	Begin descent along Sw. slope of range.
40.00	Deposited a charred stake 12 ins in the ground for ¼ sec cor. bet secs 3-10; dug pits 18X18X12 ins E & W of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S, on N. face.
44.00	Bottom of descent, in a ravine: bears N & S. ascend abruptly along E. slope of ridge.
50.00	Top of ridge; thence ascend slightly along top of range

Chains	
56.00	Top of ascent on low ridge; bears N & S. descend over rolling land.
80.00	The cor of secs 3. 4. 9. & 10. Land, hilly. Soil, sandy: 3rd rate. No timber. — Sand and bunch grass. August 21, 1895

	N. 0°03' W. on a random line bet. secs 3 & 4.
40.00	Set temp ¼ sec cor
80.25	Intersect N. bdy. of Tp. 26 lks E. of the cor of secs 3. 4. 33. & 34. Thence I run S. 0°14' E. on true line bet. secs 3 & 4. Descend gradually along S. slope of range.
21.25	Bottom of descent; enter valley, bears E & W.
33.00	Leave valley; foot of range bears E & W. ascend along N. slope.
40.25	Deposited a charred stake 12 ins in the ground for ¼ sec cor. bet secs 3-4; dug pits 18X18X12 ins N & S of cor 4 ft dist and raised a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S, on W. face.
50.00	Top of ascent, 100 ft high, on range: bears NE. & SW. thence along top of range over broken sand ridges.
80.25	The cor of secs 3. 4. 9. & 10. Land, hilly and rolling. Soil, sandy; 3rd rate. No timber. — Sand and bunch grass. August 24, 1895.

Chains	
	From the cor of secs 4. 5. 32. and 33. on the S bdy. of Tp., heretofore described. I run N. 0°04' W. bet. secs. 32 & 33. Ascend over low rolling hills.
8.00	Top of ridge, bears N. W. & SE.; descend abruptly along N. E. face of ridge.
10.00	Bottom of ravine. bears NW. and SE.; ascend gradually over broken land.
15.60	Ridge bears NW. & SE.; thence descend over broken land.
40.00	Deposited a charred stake 12 ins in the ground for ¼ sec cor. bet secs 32-33; dug pits 18X18X12 ins N & S of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S, on W. face.
40.50	Begin abrupt descent along NE. slope of ridge.
43.00	Bottom of descent in a ravine 10 ft deep. bears NW. & SE.; ascend along SW. slope of ridge over rolling ground.
59.00	Top of ridge; bears NW. & SE.; thence along top of range over low ridges and ravines.
80.00	Deposited a charred stake 12 ins in the ground for cor. of secs. 28. 29. 32. & 33.; dug pits 18X18X12 ins. in each sec 4 ft dist. and raised a mound of earth 4 ft base 2 ft high over deposit. In SE. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked T23N S28. on NE. R40W S 33. on SE. S 32. on SW. and S 29. on NW. faces, with 1 notch on S. and 4 notches on E. edges. Land, hilly. Soil, sandy: 3rd rate. No timber; — Sand and bunch grass.

Chains	
	S. 89°58' E. on a random line bet. secs 28 & 33.
40.00	Set temp ¼ sec. cor.
80.06	Intersect N & S line 21 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 & 33.
	Ascend gradually along E. slope of ridge.
3.00	Top of ascent on ridge bears N & S, thence over rolling land.
7.00	Begin descent along NW. face of range over low ridges and ravines.
31.00	Bottom of descent in a ravine; bears N & S. ascend along NE. slope of ridge.
40.03	Deposited a chained stake 12 ins in the ground for ¼ sec cor. bet secs 28-33, dug pits 18x18x12 ins. E & W. of cor 4 ft. dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground marked ¼ S, on N. face.
	Ascend slightly along N. face of range over ridges and ravines.
57.00	Top of ascent on ridge; bears N & S.; thence over ridges and ravines along N. slope.
80.06	The cor of secs 28. 29. 32. & 33.
	Land, hilly!
	Soil, sandy: 3rd rate.
	No timber. — Sand and bunch grass.

	N. 0°04' W. bet. secs. 28 & 29.
	Ascend along SW. slope of range.
10.00	Top of ascent, descend gradually along N. slope of range.
29.00	Bottom of descent; enter rolling land. bears NE. & SW.
40.00	Deposited a chained stake 12 ins in the ground for ¼ sec cor. bet secs 28-29, dug pits 18x18x12 ins. N & S of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.

Chains.	
	In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S, on N. face.
46.00	Leave valley, foot of range bears NE. and SW.; ascend along SE. slope of range over broken land.
60.00	Top of ascent on range 80 ft above valley bears NE. and SW.
61.00	Begin abrupt descent along NE. slope of range.
80.00	Deposited a chained stake 12 ins in the ground for cor of secs 20. 21. 28. & 29. dug pits 18x18x12 ins in each sec 4 ft dist and raised a mound of earth 4 ft base 2 ft high over deposit.
	In SE. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked T 23 N S 21. on NE.
	R 40 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. rolling and hilly
	Soil. sandy; 3rd rate.
	No timber. — Bunch, sand, & Buffalo grass.

	S. 89°49' E. on a random line bet. secs. 21 & 28.
40.00	Set temp. ¼ sec. cor.
79.90	Intersect N. & S line 5 lks N. of the cor of secs 21. 22. 27. and 28.
	Thence I run
	N. 89°47' W. on true line bet. secs 21 & 28.
	Over rolling land along top of range.
7.00	Ridge. bears NW. & SE.; descend along NW. slope of range over ridge and ravines
39.95	Deposited a chained stake 12 ins in the ground for ¼ sec cor. bet secs 21-28, dug pits 18x18x12 ins E & W of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.

Chains

In E. pit drove an oak stake 2 ft. long 2 ins sq. 12 ins in the ground, marked
¼ S, on N. face.
Descend slightly.

47.00 Bottom of descent in a depression on top of range. Ascend along E. slope of ridge.

60.00 Top of ascent, on ridge; bears N. & S. - 20 ft high. descend abruptly along W. slope of ridge

67.00 Bottom of descent, thence over broken land low ridges and ravines. along N. slope.

79.90 The cor. of secs. 20. 21. 28. and 29.
Land, hilly.
Soil, sandy; 3rd rate.
No timber. — Sand and bunch grass.

N. 0° 04' W. bet. secs. 20. & 21.
Descend gradually along N. slope.

10.00 Bottom of descent; enter valley, bears NE. & SW. thence over level land.

29.80 Trail to Heyamins.; bears N. 85° E.

33.00 Leave valley, foot of range bears N. 80° E. and S. 80° W.; ascend abruptly along S.E. slope of range.

39.00 Top of abrupt ascent, 50 ft above valley.

40.00 Deposited a chained stake 12 ins in the ground for ¼ sec cor. but secs 20-21; dug pits 18x18x12 ins N. & S. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
¼ S, on W. face.
Ascend slightly along S. face of range.

50.00 Top of ascent on range; bears NE. & S.W. 80 ft above valley; thence over broken land along top of range.

71.00 Begin descent along NE. slope of range; over ridges and ravines.

80.00 Deposited a chained stake 12 ins in the ground for cor. of secs. 16. 17. 20. and 21.; dug pits 18x18x12 ins in each sec. 4 ft dist and

Chains

raised a mound of earth 4 ft base 2 ft high over deposit.
In S.E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked
T 23 N S 16. on NE.
R 40 W S 21. on SE.
S 20. on SW. and
S 17. on NW. faces. with 3 notches on S. and 4 notches on E. edges.
Land hilly
Soil. sandy; 3rd rate.
No timber. — Sand and bunch grass.

S. 89° 47' E on a random line bet. secs 16 & 21.

40.00 Set temp ¼ sec. cor.

80.00 Intersect N & S line 6 lks N. of the cor of secs 15. 16. 21. & 22.
Thence S. on
N. 89° 44' W. on true line bet. secs 16 & 21.
ascend slightly over broken sand ridges along top of range

25.00 Top of ascent on a sand bluff 100 ft high descend along NW. slope of range.

39.00 Foot of descent on N. slope of range: thence ascend along NE. slope of ridge.

40.00 Deposited a chained stake 12 ins in the ground for ¼ sec cor. but secs 16-21; dug pits 18x18x12 ins. S. & W. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In E. pit drove an oak stake 2 ft long 2 ins square 12 ins in the ground. marked
¼ S, on N. face.

56.00 Top of ridge 20 ft high, bears NW. & SE. thence along N. slope of range over low ridges and ravines.

80.00 The cor. of secs. 16. 17. 20. & 21.
Land hilly.
Soil. sandy; 3rd rate.
No timber. — Sand and bunch grass.

Chains	
	N. 0°04' W. bet. secs 16 & 17.
1.00	Begin gradual descent along N. slope of range.
20.00	Enter rolling land.
34.00	Bottom of descent; enter level valley; bears NE. & SW.
40.00	Deposited a chained stake 12 ins in the ground for ¼ sec cor bet secs 16-17; dug pits 18x18x12 ins N & S of cor. 4 ft dist; and raised a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S, on W. face.
47.00	Leave valley; foot of range bears N. 80° E.. ascend abruptly along S.E. slope.
52.50	Top of abrupt ascent, 50 ft high; thence ascend gradually along S. face of range
62.00	Top of range. bears NE. & SW.; over broken land.
73.00	Begin descent along NW. slope of range.
80.00	Deposited a chained stake 12 ins in the ground for cor of secs 8. 9. 16. & 17.; dug pits 18x18x12 ins in each sec. 4 ft dist. and raised a mound of earth 4 ft base 2 ft high over deposit. In S.E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked T23NS9. on NE. R40WS16. on SE. S17. on SW. and S8. on NW. faces. with 4 notches on S. and E. edges Land, hilly. Soil, sandy; 3rd rate. No timber; — Sand and bunch grass

Chains	
	S. 89°44' E. on a random line bet. secs 9 & 16.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N & S line 20 lks S. of the cor of secs 9. 10. 15. & 16. Thence I run N. 89°53' W. on true line bet. secs 9 & 16. Over very broken land along top of range.
12.00	Begin descent along N.W. slope of range.
16.00	Bottom of descent in a ravine or pass; bears N. 20° W. and S. 20° E. Thence ascend along N. face of range over broken sand ridges.
40.00	Deposited a chained stake 12 ins in the ground for ¼ sec cor bet secs 9-16; dug pits 18x18x12 ins E & W of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S, on N. face. Descend slightly.
41.00	Ravine, bears NW. and SE., ascend along N.E. slope.
75.00	Top of ascent on bluff. 50 ft high; descend along N. slope.
80.00	The cor of secs 8. 9. 16. & 17. Land, hilly. Soil, sandy; 3rd rate. No timber. — Sand and bunch grass.

	N. 0°04' W. bet. secs 8 & 9. Ascend along N. face of ridge.
4.00	Top of ascent; descend over ridges and ravines.
12.50	Begin gradual descent along N. slope of range.
32.00	Bottom of descent; enter rolling land; bears NE. & SW.
37.30	Trail to Hyannis, bears N. 60° E. and S. 60° W.
40.00	Deposited a chained stake 12 ins in the ground for ¼ sec cor bet secs 8-9; dug pits 18x18x12 ins N & S of cor.

Chains.

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

46.00 Leave valley. foot of range bears N. 60° E., and S. 60° W, ascend abruptly along S. slope.

52.00 Top of bluff. 50 ft high above bottom. thence ascend along S. face of range.

60.00 Top of range, 75 ft high; bears NE. & SW. descend along NW. face. over ridges and ravines.

80.00 Deposited a chained stake 12 ins in the ground for cor of secs 4. 5. 8. & 9. dug pits 18 x 18 x 12 ins in each sec 4 ft dist & raised a mound of earth 4 ft base 2 ft high over deposit. In S.E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked T 23 N S 4. on NE.
R 40 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 hilly.
Soil. sandy; 3rd rate.
No timber. — Sand and bunch grass.

Chains.

S. 89° 53' E. on a random line bet. secs. 4 & 9.

40.00 Set temp ¼ sec cor.

80.00 Intersect N & S line 18 lks S. of the cor of secs 3. 4. 9. and 10.
Thence I run
S. 89° 59' W. on true line bet. secs 4 & 9.
Over broken land along N. slope of range.

35.00 Bottom of descent, in a depression, bears N & S. ascend along E. slope of ridge.

39.00 Top of ascent on ridge; on N. face of range thence over broken land.

40.00 Deposited a chained stake 12 ins in the ground for ¼ sec cor. bet secs 4-9; dug pits 18 x 18 x 12 ins. E & W. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S., on N. face.

50.00 Begin descent along W. slope of range. over ridges and ravines.

80.00 The cor of secs 4. 5. 8. & 9.
Land. very broken and hilly.
Soil. sandy; 3rd rate.
No timber. — Sand and bunch grass.

August 22, 1895.

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

40.00 Set temp ¼ sec. cor.

79.82 Intersect N. bdy. of Tp. 28 lks E. of the cor of secs 4. 5. 32. & 33.
Thence I run
S. 0° 16' E. on true line bet. secs 4 & 5.
Over basin like bottom.

30.00 Begin gradual ascent along N. slope of range.

36.00 Top of ascent on range bears E & W.
Thence over broken land.

39.82 Deposited a chained stake 12 ins in the ground for ¼ sec cor. bet secs 4-5; dug pits 18 x 18 x 12 ins N & S of

Chains	
	cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground marked ¼ S, on W. face.
44.00	Begin descent along S. slope of range.
57.00	Bottom of descent, in pass: bears N 40° E. and S. 40° W.: ascend along NW. slope of range.
73.00	Top of ascent; thence along W. face of range over ridges and ravines.
79.82	The cor of secs 4. 5. 8. & 9. Land, hilly. Soil, sandy; 3rd rate. No timber. — Sand and bunch grass. August 24, 1895

From the cor. of secs 5. 6. 31. and 32, on the S. bdy of Tp. - heretofore described.
I run
N. 0°05' W. bet. secs 31 & 32.
I sand gently over rolling foot hills.

Chains	
24.90	Wire fence, bears N. 40° W. and S. 40° E.
27.00	Enter level land, bears E & W.
40.00	Deposited a charred stake 12 ins in the ground for ¼ sec. cor. bet secs 31-32; dug pits 18x18x12 ins. N & S of cor 4 ft dist, and raised a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S, on W. face.
42.00	Leave level bottom land, foot of range bears N. 80° E. & S. 80° W.; ascend along SW. slope.
52.00	Top of range 75 ft. high; bears NW. & SE. descend over broken land along N. slope of range.
54.00	Begin gradual descent along N. slope.
75.00	Enter rolling bottom land.
80.00	Set an oak post 3 ft long 4 ins sq. with a charred stake 24 ins in the ground, for cor.

Chains	
	of secs 29. 30. 31. & 32. marked T 23 N. S. 29. on NE. R 40 W S 32. on SE. S 31. on SW. and S 30. on NW faces. with 1 notch on S. and 5 notches on E. edges. dug pits 18x18x12 ins in each sec 5½ ft dist and raised a mound of earth 4 ft base 2 ft high W. of cor. Land. rolling and hilly. Soil. sandy: 3rd rate. No timber: sand and bunch grass.

S. 89°58' E. on a random line bet. secs 29 & 32.

Chains	
40.00	Set temp ¼ sec cor.
79.84	Intersect N & S. line at the cor of secs 28. 29. 32 & 33.

Thence I run
N. 89°58' W. on true line bet secs 29 & 32.
Descend over rolling land along NW. slope of range.

Chains	
23.00	Ridge, 15 ft high; bears N.E. & SW. descend along NW. slope.
30.00	Enter rolling bottom land.
39.92	Deposited a charred stake 12 ins in the ground for ¼ sec cor. bet secs 29-32; dug pits 18x18x12 ins. E & W. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground marked ¼ S, on N. face.
48.00	Begin ascent over rolling foot hills.
55.00	Top of ascent 20 ft high, thence over rolling hills.
68.00	Begin descent along W. slope.
72.00	Bottom of descent; enter level land.
79.84	The cor. of secs 29. 30. 31. & 32. Land. level and hilly. Soil sandy; 3rd rate. No timber. — Sand and bunch grass.

Chains	
	N. 89°58' W. on a random line bet. secs 30 & 31.
40.00	Set temp ¼ sec cor.
77.05	Intersect W. bdy of Tp. 17 lks N. of the cor of secs 25. 30. 31. and 36.
	Thence I run
	N. 89°54' E. on true line bet. secs 30 & 31.
	Ascend gradually along NW. slope of range.
4.00	Top of ascent. Thence descend along N. slope over low ridges and ravines.
35.45	Trail; bears N. 20° W. and S. 20° E. descend along NE. slope.
37.05	Deposited a chamed stake 12 ins in the ground for ¼ sec cor bet secs 30-31; dug pits 18x18x12 ins E & W of cor 4 ft dist and raised a mound of earth 3½ ft base 1½ ft high over deposit. In E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S, on N. face.
41.00	Bottom of descent in a depression, bears NW. & SE.; ascend along NW. slope of ridge.
42.00	Wire fence; bears N. 30° W. and S. 30° E.
47.00	Top of ascent on ridge; bears NW. & SE. descend along NE. slope.
63.00	Enter level land.
77.05	The cor of secs 29. 30. 31. and 32.
	Land, level and hilly.
	Soil, sandy; 3rd rate.
	No timber; sand and bunch grass.

Chains	
	N. 0°05' W. bet. secs 29 & 30.
	Over level land.
12.00	Begin ascent along SW. slope of range. over low ridges and ravines.
36.00	Top of ascent on range 75 ft high; bears NE. & SW.; thence over broken land, along top of range.
40.00	Deposited a chamed stake 12 ins in the ground for ¼ sec cor bet secs 29-30; dug pits 18x18x12 ins. N & S of cor 4 ft dist and raised a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S., on W. face.
47.00	Begin descent along NE. face of range.
57.00	Descend along N. slope.
73.00	Bottom of descent; enter valley; bears NE. & SW.
76.80	Trail; bears E & W.
80.00	Deposited a chamed stake 12 ins in the ground for cor of secs 19. 20. 29. & 30.; dug pits 18x18x12 ins in each sec 4 ft dist, and raised a mound of earth 4 ft base 2 ft high over deposit. In SE. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground marked T 23 N S 20. on NE. R 40 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.
	Land, level and hilly.
	Soil, sandy; 3rd rate.
	No timber. — Sand and bunch grass.

Subdivision of T. 23 N. R. 40 W.

Chains	
	S. 89°58' E. on a random line bet. secs 20 & 29.
40.00	Set temp. ¼ sec cor.
79.84	Intersect N. & S. line 14 lks S. of the cor of secs 20. 21. 28. & 29.
	Thence I run
	S. 89°56' W. on true line bet. secs. 20 & 29.
	Ascend along N. E. slope of range, over ridges and ravines.
23.00	Top of ascent on range: thence along N. face of range over rolling land.
32.00	Begin descent along N. W. slope of range.
39.92	Deposited a charred stake 12 ins in the ground for ¼ sec cor bet secs 20-29, dug pits 18 x 18 x 12 ins. E & W. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
	In E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S. on N. face.
65.00	Bottom of descent; enter level land; bears NE & SW.
72.80	Trail; bears N. 70° E. and S. 70° W.
79.84	The cor. of secs. 19. 20. 29. and 30.
	Land. hilly and level.
	Soil. sandy; 3rd rate.
	No timber: — Sand and bunch grass.

	S. 89°54' W. on a random line bet. secs. 19 & 30.
40.00	Set temp. ¼ sec. cor.
76.75	Intersect W. bdy. of Tp. 3 lks N. of the cor of secs 19. 24. 25. & 30.
	Thence I run
	N. 89°53' E. on true line bet. secs 19 & 30.
	Ascend along SW. slope of range over rolling land.
0.18	Wire fence; bears N. 40° W. and S. 40° E.
16.00	Top of ascent on range 100 ft high; bears NE. and SW.; thence over broken land on top of range.
36.75	Deposited a charred stake 12 ins in the ground for ¼ sec cor bet secs 19-30; dug pits 18 x 18 x 12 ins

Subdivision of T. 23 N. R. 40 W.

Chains	
	E & W of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
	In E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S. on N. face.
	Descend along NE. slope of ridge.
48.75	Bottom of descent in ravine; bears N. & S.
	Trail: bears N. & S.; ascend along SW. slope of ridge.
52.00	Begin descent along SE. slope of range.
70.00	Bottom of descent; enter level land.
76.75	The cor of secs. 19. 20. 29. & 30.
	Land. hilly.
	Soil. sandy; 3rd rate.
	No timber: — Sand and bunch grass.
	August 23, 1895.

	N. 0°05' W. bet. secs. 19 & 20.
	Over level land.
4.00	Begin ascent along SE. slope of range.
22.00	Top of ascent on range 75 ft above bottom. bears NE. & SW.
40.00	Deposited a charred stake 12 ins in the ground for ¼ sec cor bet secs 19-20, dug pits 18 x 18 x 12 ins N & S of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
	In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked ¼ S. on N. face.
49.00	Begin gradual descent along N. slope
63.00	Enter valley at bottom of descent; bears NE. and SW.; thence over level land.
80.00	Set an oak post 3 ft long 4 ins sq. with a charred stake 24 ins in the ground for cor of secs 17. 18. 19. & 20. marked T 23 N S 17. on NE. R 40 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.

Chains	
	dug pits 18x18x12 ins in each sec 5½ ft dist. and raised a mound of earth 4 ft base 2 ft high W. of corner.
	Land. hilly and level.
	Soil. sandy: 3rd rate
	No timber. — Sand and bunch grass.
	N. 89°56' E. on a random line bet. secs. 17 & 20.
40.00	Set temp. ¼ sec cor.
79.84	Intersect W & S line 29 lks N. of the cor of secs 16. 17. 20. & 21
	Thence I run
	N. 89°52' W. on true line bet. secs. 17 & 20.
	Over broken land on top of range.
10.00	Begin descent along N.W. slope over low ridges and ravines.
39.92	Deposited a charred stake 12 ins in the ground for ¼ sec. cor. bet secs 17-20; dug pits 18x18x12 ins E & W. of cor. 4 ft. dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S, on N. face.
45.00	Bottom of descent; enter level valley, bears N. E. and S. W.
79.84	The cor of secs 17. 18. 19. & 20.
	Land. hilly and level.
	Soil. sandy: 3rd rate.
	No timber: — Sand and bunch grass.

Chains	
	S. 89°53' W. on a random line bet. secs 18 & 19.
40.00	Set temp ¼ sec cor.
76.24	Intersect W. bdy of Tp. 22 lks N. of the cor. of secs 13. 18. 19. and 24.
	Thence I run
	N. 89° 43' E. on true line bet. secs 18 & 19.
	Descend along S.E. slope of range, over very broken land.
36.24	Deposited a charred stake 12 ins in the ground for ¼ sec cor. bet secs 18-19; dug pits 18x18x12 ins E & W. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked ¼ S., on N. face.
	This ¼ sec. cor. is situated on S.E. slope of range at foot of abrupt descent.
	Descend gradually
37.00	Enter level valley: bears N. 80° E. and S. 80° W.
41.30	Trail; bears N. 20° E. and S. 20° W.
76.24	The cor of secs 17. 18. 19. & 20.
	Land, hilly and level.
	Soil; sandy; 3rd rate on hills: 2nd rate in valley.
	No timber. — Sand and bunch grass.
	N. 0°05' W. bet. secs 17 & 18.
	Over level land.
6.00	Leave level land; foot of range bears N. 80° E. and S. 80° W.; ascend gradually along S. slope of range
15.00	Top of ascent, on bluff; 75 ft. above valley.
	Thence ascend gradually along S. face of range
32.40	Top of ascent on range; bears E. & W.
	descend slightly along N. slope of range.
40.00	Deposited a charred stake 12 ins in the ground for ¼ sec. cor. bet secs 17-18; dug pits 18x18x12 ins N & S of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked

Chains.	
	¼ S. on W. face.
69.00	Bottom of descent: enter rolling valley land bears E. & W.
73.30	Trail to Hoyannis; bears E. & W.
78.00	Ascend over low hills; bears E. & W.
80.00	Deposited a charred stake 12 ins in the ground for cor of secs 7. 8. 17. and 18.; dug pits 18x18x12 ins in each sec 4 ft dist. and raised a mound of earth 4 ft base 2 ft high over deposit. In SE. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked T23N S8. on NE. R40W S17. on SE. S18. on SW. and S7. on NW. faces, with 4 notches on S. and 5 on E. edges. Land hilly and level. Soil, sandy; 3rd rate. No timber:— sand and bunch grass.

S. 89°52' E. on a random line bet. secs. 8 & 17.

40.00	Set temp. ¼ sec. cor.
79.86	Intersect N. & S. line 16 lks S. of the cor of secs 8. 9. 16. and 17. Thence I run N. 89°59' W. on true line bet. secs 8 & 17. Over ridges and ravines.
5.00	Begin descent along NW. slope of range. over low ridges and ravines.
37.80	Ridge 30 ft high; bears NW. & SE. Descend gradually along NW. slope.
39.93	Deposited a charred stake 12 ins in the ground for ¼ sec cor bet secs 8-17; dug pits 18x18x12 ins E & W of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S, on N. face. Descend gently over low sand ridges.
66.45	Trail to Hoyannis; bears N. 50° E. and S. 60° W.

Chains	
79.86	The cor. of secs 7. 8. 17. and 18. Land, hilly. Soil, sandy; 3rd rate. No timber:— Sand and bunch grass.

S. 89°13' W. on a random line bet. secs 7 & 18.

40.00	Set temp. ¼ sec. cor.
75.62	Intersect W. bdy of Tp. 15 lks S. of the cor. of secs. 7. 12. 13. and 18. Thence I run N. 89°50' E on true line bet. secs 7 & 18. Over level land.
2.20	W. edge of L. G. Carter's garden.
5.50	E. " " " Wire fence bears N & S.
8.74	A point 1.50 chs S. of the SW. cor of L. G. Carter's sod house.
30.50	Wire fence; bears N. 40° E. and S. 40° W.
34.00	W. edge of alkali flat; bears N 50° E. & S. 50° W.
35.62	Deposited a charred stake 12 ins in the ground for ¼ sec cor bet secs 7-18; dug pits 18x18x12 ins. E & W. of cor. 4 ft dist and raised a mound of earth 3½ ft base 1½ ft high over deposit. In E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S, on N. face.
36.70	Leave alkali flat; ascend gently along N. foot hills of range.
45.24	Wire fence; bears N. & S.
75.62	The cor of secs 7. 8. 17. & 18. Land, rolling and level. Soil, a rich sandy loam 1st rate in valley; 2nd, 3rd rate on foot hills. No timber;— Bunch and prairie grass.

Chains	
	N. 0°05' W. bet. secs. 7 & 8.
	Ascend over low sand bluffs.
4.90	Foot of sand ridge; bears E & W.
5.40	Top of ridge; thence over broken sand ridges.
21.00	Begin gradual ascent along S.W. slope of range.
33.00	Ridge, bears NW. & SE.; descend along NE. slope.
39.00	Bottom of descent in a ravine; bears N. 60° W. and S. 60° E. – 40 ft deep.
40.00	Deposited a charred stake 12 ins in the ground for ¼ sec. cor. bet secs 7-8; dug pits 18x18x12 ins. N. & S. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S, on W. face. This ¼ sec. cor. is situated in N. edge of ravine.
	Ascend along SW. slope of ridge.
46.00	Top of ascent, 40 ft above cor.; descend along N. slope – abruptly.
48.30	Bottom of descent in a ravine 30 ft dep.; ascend along S. face of ridge.
60.00	Top of ascent on ridge; thence descend over broken land along NW. slope of ridge.
74.00	Bottom of ravine 40 ft deep: bears N. 30° W. and S. 30° E.; ascend along SW. slope of ridge.
76.00	Top of ascent on ridge; descend gradually along NW. slope of range.
80.00	Deposited a charred stake 12 ins in the ground for cor of secs 5. 6. 7. & 8.; dug pits 18x18x12 ins. in each sec 4 ft dist. and raised a mound of earth 4 ft base 2 ft. high over deposit.
	In SE. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
	T 23 N S 5. on NE.
	R 40 W S 8. on SE.
	S 7. on SW. and
	S 6. on NW. faces, with 5 notches on S. and E. edges.
	Land. very hilly and broken
	Soil. sandy; 3rd rate.
	No timber. — Sand and bunch grass.

Chains	
	S. 89°59' E. on a random line bet. secs. 5 & 8.
40.00	Set temp. ¼ sec. cor.
79.76	Intersect N. & S. line 3 lks N. of the cor of secs. 4. 5. 8. and 9.
	Thence I run
	N. 89°58' W. on true line bet. secs 5 & 8.
	Descend along NW. slope of range.
5.00	Bottom of descent; ascend along NE. slope of low ridge.
7.00	Top of ascent; thence over broken land along N. slope of range.
30.50	Ridge, bears NW. & SE. – 20 ft high.
35.00	Begin descent along SW. slope of ridge.
38.50	Bottom of descent in ravine 20 ft deep; bears N. 30° W. and S. 30° E.; ascend gradually along NE. slope of ridge.
39.88	Deposited a charred stake 12 ins in the ground for ¼ sec. cor. bet secs 5-8; dug pits 18x18x12 ins E. & W. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
	In E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
	¼ S, on N. face.
55.00	Top of ascent, 30 ft high; thence along N. slope of range over low ridges and ravines.
68.00	Begin descent along NW. slope of range.
79.76	The cor of secs 5. 6. 7. & 8.
	Land. very broken.
	Soil. sandy; 3rd rate.
	No timber; — Sand and bunch grass.

Chains.	
	S. 89°50' W. on a random line bet. secs. 6 & 7.
40.00	Set temp. ¼ sec. cor.
75.34	Intersect W. bdy of Tp. at the cor of secs 1. 6. 7. & 12.
	Thence I run
	N. 89°50' E. on true line bet. secs 6 & 7.
	Ascend abruptly along W. slope of ridge.
2.00	Top of ascent 4 ft above cor.
	ascend along NW. slope of range.
13.00	Top. of ascent, 30 ft above cor. Thence along S. face of range over broken land.
21.60	Sand ridge, bears N. & S.; descend along S.E. face of range.
32.30	Begin abrupt descent.
35.00	Bottom of descent, 50 ft below.
35.34	Deposited a charred stake 12 ins in the ground for ¼ sec cor. bet secs 6-7; dug pits 18x18x12 ins E. & W. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S, on N. face.
37.00	Enter level land.
57.00	Begin ascent along NW. slope of range.
69.30	Ravine; bears N. 30° W. and S. 30° E.; ascend along SW. face of ridge.
71.30	Top of ridge 30 ft high: bears NW. & SE.
75.34	The cor. of secs. 5. 6. 7. & 8.
	Land hilly.
	Soil, sandy; 3rd rate.
	No timber; - Sand and bunch grass.
	August 21, 1895.

Chains.	
	N. 0°05' W. on a random line bet. secs. 5 & 6.
40.00	Set temp. ¼ sec. cor.
79.80	Intersect N. bdy. of Tp. 8 lks E. of cor of secs 5. 6. 31. & 32.
	Thence I run
	S. 0°21' E. on true line bet. secs. 5 & 6.
	Descend over broken sand ridges.
13.80	Bottom of descent; thence over low sand-hills.
21.80	Begin ascent over low hills.
39.80	Deposited a charred stake 12 ins in the ground for ¼ sec. cor. bet secs 5-6; dug pits 18x18x12 ins. N. & S. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S, on W. face.
65.00	Top of ascent on sand peak 50 ft high. descend abruptly, along S. slope.
70.00	Bottom of descent in ravine, bears E. & W. ascend along N. slope of range.
79.80	The cor. of secs. 5. 6. 7. & 8.
	Land, broken sand hills.
	Soil, sandy; 3rd rate.
	No timber. — Sand and bunch grass.
	August 24, 1895.

— General Description. —

This Tp. is a series of ranges of sand hills, bluffy in the NW. portion.
No surface water or timber.
Soil is sandy and unfit for cultivation.
Vegetation, chiefly sand and bunch grasses.

Willard W. Alt
U.S. Surveyor.

August 26, 1895.

(No 38)
Claim lines of T. 23 N. R. 40 W.

Chains.

The NE. claim of Sora Merriman; formerly Sora Shinley. on sec. 6, T. 22, and 31, T 23.
Area 160.58 acres.

This claim has no marked boundaries. A stake is shown me, which is said to be on the W. bdy. of the claim, and 20 chs. S. of the NW. cor.; therefore as 1605.8 sq. chs. divided by 40. gives 40.14½ chs. for the length of claim. I establish the SW. cor. of the claim, at a point 20.14½ chs. S. of the stake on W. bdy. above referred to.

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
DM; on NE. face

Thence I run

Chains.

North, on true line, along W. bdy. of the claim. along W. slope of low hills.
4.00 Descend along N. slope of ridge
7.00 Enter neck of valley; E. & W.: thence over rolling ground.
14.00 Begin gradual ascent along SE. face of bluffs.
20.14½ The old location stake.
24.00 Begin abrupt ascent along SE. face of range.
32.00 Top of ascent on Bluff 100 ft. high: bears N. 30° E. and S. 30° W.: thence along S. face of range.
40.14½ 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
DM; on SE. face.

East, on true line, along N. bdy. of the claim.
Descend along S. face of range.
24.00 Enter level bottom land; bears N. 70° E. & S. 70° W.
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
DM; on SW. face.

South, on a random line.
40.14½ Set temp. SE. Cor.
Thence
West, on a random line
40.00 Intersect N. & S. line at SW. cor. of claim.
Thence I run
East, on true line along S. bdy.
ascend along NW. slope of low hills.

Claim lines of T. 23 N. R. 40 W.

Chains

7.42 Wire fence; bears N. 50° W., and S. 50° E.: thence along N. slope of low hills.

40.00 Deposit a charred stake 12 ins. in the ground for S.E. cor. of the claim: dig pits 18x18x12 ins. N. & W. of cor. 4 ft. disk 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

DM; on NW. face.

North, on true line, along E. bdy of claim. Descend slightly over low hills.

19.50 Wire fence; bears S. 70° W. and N. 70° E..

21.00 Enter rolling valley land.

40.14 The N.E. cor. of the claim.

Cp.

From the Sw. cor. of the claim, Merrimans sod house bears N. 55° E. about 20 chs. dist.

The Sw. cor. of the claim bears, from the cor. of Tps. 22 and 23 N: R. 40 and 41 W. – S. 53° 30' E. 7.84 chs. dist. Lat. 4.67 S.; Dep. 6.30 chs. E.

Land, alkali bottom, and sand hills.

Soil, 3rd rate.

August 23, 1895.

5

List of Names.

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

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

..... Meridian, in ....., showing the respective capacities in which they acted:

For list of names and final oaths
see book of subdivision and claim
Lines of T 23 North Range No 38 W

Final Oath of Assistants:

We hereby certify that we assisted .....

....., U. S. Deputy Surveyor, in surveying all those parts or portions of the .....

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

Subscribed and sworn to before me this .....
day of ....., 18 .

SEAL

.....

.....

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Final Oath of U. S. Deputy Surveyor.

I, ..., U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions received from ....., U. S. Surveyor General for ....., bearing date of the .....day of ....., 18 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the U. S. Surveyor General for ....., the surveying manual, and the laws of the United States, surveyed all those parts or portions of .....

.....

.....

.....

.....

.....Meridian, in the....., as 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 survey have been established and perpetuated in strict accordance with the surveying manual, printed instructions, the special written instructions of the U. S. Surveyor General for..... 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.

.....

U. S. Deputy Surveyor.

Subscribed and sworn to before me this .....
day of ....., 18 .

SEAL

.....

.....

Approval.

Commissioner of the General Land Office.

Office of the ~~U. S. Surveyor General~~,

Washington, D.C. April 30, 1897.

The foregoing field notes of the resurvey of Subdivision and claim lines of Township No. 23 North Range No. 40 West of the 6th principal Meridian State of Nebraska.

.....

.....

.....executed by William 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 resurveys they describe, are hereby approved.

Binger Hermann

~~U. S. Surveyor General.~~

Commissioner and ex officio Surveyor General for Nebraska.

I certify that the foregoing transcript of the field notes of the above-described surveys in T. 23 N., R. 40 W....., has been correctly copied from the original notes on file in this office.

Binger Hermann

~~U. S. Surveyor General.~~

Commissioner and ex officio Surveyor General for Nebraska.

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General Land Office • Original Field Notes

Book Number

780

W.W. Alt Subdivision of T 23 N - R 40 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.