General Land Office • Original Field Notes

Book Number

780

W.W. Alt Subdivision of T 22 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.

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'Duplicate X

(1—679.)

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

FIELD NOTES

OF THE SURVEY OF

Subdivision Lines

of

Township No. 27 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 9, 1895.

Survey completed August 15, 1895.

Land, sand hills.

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Names and Duties of Assistants.

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

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Land, sand hills.

4

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.

.....

.....

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1

Subdivision T. 22 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 South bdy. of the township.
	I commence at the Corner of Secs. 1, 2, 35 & 36. on S. bdy. of Tp. heretofore described.
	thence I run
	N. 0°01' W. bet. secs. 35 & 36.
	Descend slightly.
2.00	Foot of range. bears E&W.; ascend along the S. slope of range.
16.20	Top of ascent on bluff. 100 ft high: thence along S. face of range.
31.00	Top of range 150 ft high; bears E&W. descend along NE. Slope.
40.00	Deposited a charred stake 12 ins in the ground for ¼ sec. cor. dug pits 18x18x12 ins. NWS 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.
41.50	Bottom of circular depression, 5 ft below cor. Ascend along S. slope of ridge.
43.60	Top of ascent on ridge, bears NW. & SE. descend along NE. slope of ridge.
68.00	Begin descent over rolling Land along N. slope of range.
80.00	Deposited a charred stake 12 ins in the ground for cor of secs 25. 26. 35. & 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 SE. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked T 22 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 E. and S. edges. Land. sand hills.

Chains.

Soil, sandy: 3rd rate.
No timber.

N. 89°57' E. on a random line bet. secs. 25 & 36.
40.00 Set temp ¼ sec cor.
80.08 Intersect E. bdy of Sp. 7 lks S. of the cor of secs 25. 30. 31. and 36.
Thence 2 runs
S. 89°54' W. on true line bet. secs 25 & 36.
Over low broken sand bluffs.
39.00 Begin descent along NW. slope of range.
40.04 Deposited a charred stake 12 ins in the ground for ¼ sec cor.: 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.
Descend along SW. slope of ridge.
44.00 Ravine, bears NW. and SE.; ascend along NE. slope of ridge.
58.00 Top of ascent; thence over low ridges and ravines along NW. slope of range.
80.08 The cor. of secs. 25. 26. 35. & 36.
Land, hilly.
Soil, sandy; 3rd rate.
No timber; some bunch grass.

N. 0°01' W. bet. secs. 25 and 26.
Descend along N. slope of range, over rolling land.
16.00 Bottom of descent; enter level land; bears E & W.
26.00 Foot of low hills, bears E & W.; ascend gradually along S. slope over rolling hills.
30.00 Top of ascent on ridge; bears E & W.; thence over rolling land.
40.00 Deposited a charred stake 12 ins in the ground for ¼ sec cor.; 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

Chains

stake 2 ft long 2 ins sq. 12 ins in the ground marked
¼ S., on N. face
Ascend gradually.
68.00 Foot of steep sand ridge; ascend abruptly.
72.00 Top of abrupt ascent; thence ascend gradually.
80.00 Deposited a charred stake 12 ins in the ground for cor of secs 23. 24. 25. & 26.; 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 22 N S 24. on NE.
R 40 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 and hilly.
Soil, sandy: 3rd rate.
No timber; sand and bunch grass

N. 89°54' E. on a random line bet. secs. 24 and 25.
40.00 Set temp ¼ sec cor.
80.04 Intersect E. bdy of Sp. 15 lks N. of the cor. of secs. 19. 24. 25. and 30.
Thence 1 run
West, on true line bet. secs 24 & 25.
Over low broken hills.
4.00 Begin descent along NW. slope of range.
16.00 Ravine; bears N. and S.
40.02 Deposited a charred stake 12 ins in the ground for ¼ sec cor. 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.
Descend along SW. slope of range over rolling foot hills 1 ch. N. of valley.

Chains.	
56.00	Foot of descent. Thence ascend along NE. slope of range.
60.60	Top of ascent 40 ft high; thence over rolling hills.
80.04	The cor of secs 23. 24. 25. & 26. Land. hilly; Soil. sandy; 3rd rate. No timber. Bunch and sand grass.

N. 0°01' W. bet. secs 23 & 24.
Descend along N. slope of ridge.

7.00	Bottom of descent; thence ascend along SW. slope of sand ridge over broken ground.
28.20	Top of ascent, on ridge: begin descent along NW. slope of range.
40.00	Deposited a charred stake 12 ins in the ground for ¼ sec cor bet secs 23 & 24; dug pits 18×18×12 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.
60.00	Bottom of descent; enter valley; bears S. 80° E. and N. 80° W.
76.00	Leave valley; foot of bluff bears N. 80° E.; ascend along S. slope.
80.00	Set an oak post 3 ft long 4 ins sq. with a charred stake 24 ins in the ground for cor of secs 13. 14. 23. and 24, marked T 22 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 & 1 on E. edges: dug pits 18×18×12 ins in each sec 4 ft dist. and raised a mound of earth 4 ft base 2 ft high N. of cor. Land. level and hilly. Soil. sandy; 3rd rate. No timber; Scattering bunch grass.

Chains	
.	The cor of secs 13. 18. 19. & 24, being plainly visible. 1 mm for said cor. S. 89°59' E. on a random line bet. secs 13 and 24.
40.00	Set temp ¼ sec cor.
80.06	Intersect E. bdy. of Tp. at the cor of secs 13. 18. 19. & 24. Thence N mm N. 89°59' W. on true line bet. secs. 13 & 24. Descend along true slope.
10.00	Bottom of descent, enter level bottom land.
40.03	Deposited a charred stake 12 ins. in the ground for ¼ sec cor bet secs 13 & 24; dug pits 18×18×12 ins E. & W. of cor 4 ft dist and raised a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S., on N. face.
67.00	Leave valley; foot of low hills, bears N. 70° E. and S 70° W.; ascend along SE. slope.
70.00	Top of ascent; thence over rolling hills.
80.06	The cor of secs 13. 14. 23. and 24. Land. level and hilly. Soil. sandy 3rd rate. No timber; some sand and bunch grass.

N. 0°01' W. bet. secs 13 & 14.
Ascend gradually over rolling land along SW. slope of range.

40.00	Deposited a charred stake 12 ins in the ground for ¼ sec cor bet secs 13-14; dug pits 18×18×12 ins W. & 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
49.00	Top of ascent, on S. slope of range, thence along S. face of range over broken land; ridges and ravines
59.00	Top of range, 100 ft high: bears E & W.
60.00	Begin descent along N. slope, over low ridges and ravines.

Chains

80.00 Deposited a charred stake 12 ins. in the ground for cor of secs 11. 12. 13. & 14.; 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 22 N S 12. on NE.
R 40 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
Land, hilly.
Soil, sandy; 3rd rate.
No timber; - bunch grass.

S. 89° 59' E. on a random line bet. secs 12 & 13.

40.00 Set temp ¼ sec cor.

80.06 Intersect E. bdy of Tp. 2 lks N. of the cor of secs 7. 12. 13. & 18.
Thence I run
N. 89° 58' W. on true line bet. secs. 12 & 13.
Over level land.

23.00 Begin ascent along NE. slope of range.

37.00 Top of ascent on ridge: bears N. & S; thence ascend slightly along N. slope of range.

40.33 Deposited a charred stake 12 ins. in the ground for ¼ sec cor.; but S&CS 12-13 dug pits 18 x 18 x 12 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 sq. 12 ins in the ground, marked ¼ S, on N. face.

60.00 Top of ascent; thence along SW. slope.

79.00 Begin slight descent.

80.06 The cor of secs 11. 12. 13. & 14.
Land. hilly
Soil. sandy; 3rd rate.
No timber; - some bunch grass.

Chains

N. 0° 01' W. bet. secs 11 and 12.
Descend gradually along N. slope of range.

15.00 Bottom of descent, enter valley; bears N. 80° E. and S. 80° W.

15.70 Trail to Hyannis: bears N. 85° E. & S. 85° W.

23.00 Leave valley. foot of range bears E & S. 70° W. ascend gradually along S. slope.

32.00 Top of ascent on E slope of bluff. 50 ft high; thence along E. slope of hills.

40.00 Deposited a charred stake 12 ins. in the ground for ¼ sec cor. but S&CS 11-12 dug pits 18 x 18 x 12 ins N & S of cor 4 ft dist & 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.

44.50 Top of ascent on range; bears N. W. & S. E. thence along top of range over rolling land.

70.00 Begin descent along N. slope.

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 & 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 22 N S 1. on NE.
R 40 W S 12. on SE.
S 11. on SW. and
S 2. on NW. faces. with 5 notches on S. and 1 on E. edges.
Land. level and hilly.
Soil. sandy: 3rd rate.
No timber.

S. 89° 58' E. on a random line bet. secs. 1 & 12.

40.00 Set temp. ¼ sec cor.

80.02 Intersect E. bdy of Tp. 9 lks N. of the cor of secs. 1. 6. 7. and 12.
Thence I run
N. 89° 54' W on true line bet. secs 1 & 12
ascend along N. slope of range.

Chains

18.00 Top of ascent; thence along N. slope over rolling land.

40.01 Deposited a charred stake 12 ins in the ground for ¼ sec cor, but secs 1-12 dug pits to 18 x 18 x 12 ins 8 ft 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.

70.00 Bottom of descent; foot of range of low hills bears N.W. + S.E., ascend along NE. slope.

80.02 The cor of secs 1. 2. 11. and 12.
Land. sand hills.
Soil. sandy; 3rd rate.
No timber.

August 9th 1895.

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

40.00 Set temp ¼ sec. cor.

80.34 Intersect N. bdy of Tp. 7 lks W. of the cor of secs 1. 2. 35. and 36.

Thence I run
S. 0°02' W. on true line bet. secs. 1 and 2.
Descend abruptly along S. slope of range.

2.50 Bottom of descent 40 ft below cor; thence over rolling land; bears E & W.

19.00 Begin gradual ascent, along N. slope of range.

38.00 Top of ascent; thence along N face of range over broken ground.

40.34 Deposited a charred stake 12 ins in the ground for ¼ sec cor; but secs 1-2 dug pits to 18 x 18 x 12 ins N 75 E of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ½ S, on N. face.

60.00 Top of range; bears NE & SW: 100 ft high.
Descend abruptly along S. slope of range.

73.00 Bottom of descent in ravine or pass: bears W., and N. 60° E.; ascend along NE. slope of low hills.

Chains

80.34 The cor of secs 1. 2. 11. and 12.
Land. sand hills.
Soil. sandy; 3rd rate.
No timber: — bunch grass.

August 15 1895.

From the Corner of Secs. 2, 3, 34 and 35. on the S. bdy of Tp. heretofore described.
I run
N. 0°02' W. bet. secs 34 and 35.
Ascend gradually along a ravine or pass.

40.00 Deposited a charred stake 12 ins in the ground for ¼ sec cor, but secs 34 & 35 dug pits to 18 x 18 x 12 ins N 75 E of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In S. pit drove an oak stake 2 ft long 2 ins sq 12 ins in the ground, marked ½ S, on W. face.

49.00 Foot of range. bears E & W.; ascend along SW. slope of range. over low ridges and ravines.

79.00 Top of ascent on N. slope of ridge; descend slightly.

80.00 Deposited a charred 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 22 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.
Land. hilly.
Soil. sandy: 3rd rate
No timber.

chains

N. 89°57' E. on a random line bet. secs 26 & 35.

40.00 Set temp ¼ sec cor.

80.16 Intersect N & S line 22 lks N of the cor of secs 25. 26. 35. and 36.

Thence I run

N. 89°52' W. on true line bet. secs 26 & 35.

Descend along NW. slope of range over rolling land.

23.00 Bottom of descent; enter valley: bears NE & SW.

40.08 Deposited a charred stake 12 ins in the ground for ¼ sec cor. N but 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 rolling valley land.

56.00 Foot of range, bears N. 70° E., and S. 70° W.

ascend abruptly, along SE. slope.

63.00 Top of ascent. 100 ft. above bottom: thence along

S. face of range.

80.16 The cor of secs 26. 27. 34, and 35.

Land. level, and hilly.

Soil, sandy: 3rd rate.

Land and bunch grass.

No timber.

N. 0°02' W. bet. secs 26 & 27.

Ascend along SW. slope of range.

21.40 Top of ascent on N. face of range: bears NE. & SW.

Thence over broken land.

40.00 Deposited a charred stake 12 ins in the ground for ¼ sec cor. N but 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.

This cor is situated in a small depression, on SW. face of range.

chains.

Ascend. over broken land.

60.00 Top of ascent, thence descend over broken land along N. slope

80.00 Deposited a charred 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 22 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 and rolling.

Soil, sandy: 3rd rate.

No timber; bunch grass.

S. 89°54' E. on a random line bet. secs. 23 & 26.

40.00 Set temp ¼ sec cor.

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

Thence I run

S. 89°56' W. on true line bet secs 23 & 26.

Descend over rolling land.

40.01 Deposited a charred stake 12 ins in the ground for ¼ sec cor. N but secs 23-26 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 in a pass, bearing NW. and SE. at foot of range.

Ascend gradually along NE. slope of range of hills.

Chains	
80.02	The cor of secs 22. 23. 26. and 27.
	Land. sand hills.
	Soil. sandy: 3rd rate.
	Sand and bunch grass.
	No timber.
	N. 0°02' W. bet. secs. 22 and 23.
	Descend gradually along N. slope of range.
14.00	Bottom of descent; thence ascend over low rolling hills.
32.00	Top of ascent on NW. face of ridge. bears N. 40° E. and S. 40° W.; descend along NE. slope of ridge.
40.00	Deposited a charred stake 12 ins in the ground for 1/4 sec cor. bet secs 22-23 N; 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
	1/4 S, on N. face.
	This 1/4 cor. is situated at bottom of descent, in neck of valley; bears E.
42.00	Leave valley, foot of range bears N. 70° E. and S. 70° W.; ascend along SE. slope.
54.00	Top of ascent on sand peak, 100 ft above valley. thence along S. face of range.
78.00	Top of range 150 ft high, bears NE. & SW. descend gradually over rolling land.
80.00	Deposited a charred stake 12 ins in the ground for cor of secs 14. 15. 22 & 23. 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 22 N S 14. on NE.
	R 40 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.
	of low ridge.

Chains	
	Land. sand hills.
	Soil. sandy: 3rd rate.
	No timber; some bunch and sand grass.
	N. 89°56' E. on a random line bet. secs. 14 & 23.
40.00	Set temp. 1/4 sec cor.
80.12	Intersect N. & S. line 5 lks N. of the cor of secs 13. 14. 23. and 24.
	Thence I run
	S. 89°58' W. on true line bet. secs 14 & 23.
	Over low rolling hills.
9.00	Ravine, at bottom of descent; bears N. 20° E.
	thence, ascend along SE. slope of range.
13.00	Top of ascent; thence along N. slope, over ridges and ravines.
28.00	Begin gradual descent along N. slope.
31.00	Bottom of descent, at foot of bluff.
	Ascend abruptly along SE. slope.
40.06	Deposited a charred stake 12 ins in the ground for 1/4 sec cor. bet secs 14-23; 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
	1/4 S, on N. face.
	Descend gradually.
40.50	Ravine 20 ft deep. 2 chs wide; bears N & S.
42.00	W. edge of ravine; thence over broken land along top of range.
71.00	Begin descent along W. slope of range.
80.12	The cor of secs 14. 15. 22. and 23.
	Land. broken sand hills.
	Soil. sandy: 3rd rate.
	Sand and bunch grass.
	No timber

Chains	
	N. 0°02' W. bet. secs 14 & 15.
	Descend along N.W. slope of range, over low ridges and ravines.
30.00	Begin gradual descent along N. slope.
40.00	Deposited a charred stake 12 ins in the ground for ¼ sec cor.; bet secs 14-15 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.
64.80	Trail to Hyannis.; bears N. 70° E. and S. 80° W.
76.00	Bottom of descent; foot of range bears E & W. ascend along S. slope.
79.50	Top of ascent on bluff: bears NW & SE.
80.00	Deposited a charred stake 12 ins in the ground for cor of secs. 10, 11, 14, and 15.; 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 22 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, hilly. Soil. sandy: 3rd rate. No timber.

N. 89°58' E. on a random line bet. secs. 11 & 12.

40.00	Set temp. ¼ sec. cor.
80.16	Intersect N. & S. line 5 lks N. of the cor of secs 11. 12. 13. and 14.
	Thence 9 runs West, on true line bet. secs 11 & 14. Over rolling land along top of range.
6.00	Begin descent along N.W. slope of range.
28.00	Enter level land.
28.62	Trail to Hyannis: bears N. 60° E. and S. 60° W.

of 10 links

Chains	
36.00	Leave level land; foot of range bears N. 60° E. and S. 60° W.; ascend abruptly along SE. slope.
40.08	Deposited a charred stake 12 ins in the ground for ¼ sec cor.; bet secs 11-14 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	Top of ascent on S. face of range, 50 ft high. thence along S. slope.
80.16	The cor of secs 10. 11. 14. and 15. Land. sand hills. Soil. sandy: 3rd rate. Sand and bunch grass. No timber.

N. 0°02' W. bet. secs 10 & 11.
Ascend gradually over low rolling hills. along SW. slope of range.

17.00	Top of ascent, 50 ft high.; on top of range; bears N 70° W. and S. 70° E.
22.50	Begin descent along N. slope of range.
40.00	Deposited a charred stake 12 ins in the ground for ¼ sec cor.; bet secs 10-11 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.
	Descend slightly over rolling land.
53.00	Bottom of descent, foot of bluff. bears N. 40° E. and S. 40° W.; ascend abruptly along SE. slope.
60.80	Top of bluff. 100 ft high; thence descend along NE. slope.
75.00	Bottom of descent.
76.00	Foot of range. bears N. 70° W. and S 70° E. ascend along SE. slope.

Subdivision of T. 22 N. R. 40 W.

Chains	
80.00	Deposited a charred stake 12 ins in the ground for cor of secs 2. 3. 10. & 11. 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 T22N S2. on NE. R40W S11. on SE. S10. on SW. and S3. on NW. faces, with 5 notches on S. and 2 on E. edges. Land. sand hills. Soil. sandy: 3rd rate. Sand and bunch grass. No timber.
	East, on a random line bet. secs. 2 & 11.
40.00	Set temp ¼ sec cor.
80.18	Intersect N & S line 8 lks N. of the cor of secs 1. 2. 11. & 12. Thence I run N. 89°57' W. on true line bet. secs. 2 and 11. Ascend along NE. slope of range, over rolling land.
13.00	Top of ascent on range; thence descend along N. W. slope. over ridges and ravines.
40.09	Deposited a charred stake 12 ins in the ground for ¼ sec. cor. bet secs 2-11; dug pits 18x18x12 ins. E and W. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S., on N. face.
54.00	Ravine; bears NW. and SE.; ascend over broken land.
64.00	Top of ascent; thence along N. slope over ridges and ravines.
74.00	Descend gradually along N. W. slope of range.

Subdivision of T. 22 N. R. 40 W.

Chains.	
80.18	The cor of secs. 2. 3. 10. and 11. Land, hilly. Soil. sandy; 3rd rate. Bunch grass; No timber August 10, 1895.
	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. 8 lks E. of the cor of secs 2. 3. 34. and 35. Thence I run S. 0°05' E. on true line bet. secs 2 and 3. Ascend along N. W. slope of range.
6.00	Top of sand point, on range: thence descend along SE. face of range.
27.00	Begin abrupt descent.
36.00	Bottom of descent; enter level land.
40.00	Deposited a charred stake 12 ins in the ground for ¼ sec cor. bet secs 2-3; 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.
49.00	Leave level land; begin abrupt ascent along N. E. slope of low hills.
70.00	Top of ascent; thence over rolling land.
73.00	Top of range, bears NE. and SW: 50 ft high, descend along S. face of range.
80.00	The cor. of secs 2. 3. 10. & 11. Land: sand hills. Soil. sandy: 3rd rate. Bunch grass, but no timber. August 15, 1895
	From the Corner of Secs. 3. 4. 33 and 34, on S. bdy of Tp. heretofore described. I run N. 0°03' W. bet. secs. 33 and 34.

Subdivision of T. 22 N. R. 40 W.

Chains	
	Descend along N. slope of range over rolling land.
28.75	Wire fence: bears N. 80° W. and S. 80° E.
35.00	Bottom of descent, enter valley: E. & W.
40.00	Deposited a chained stake 12 ins in the ground for ¼ sec cor. (bet secs 33-34) & 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
63.00	Leave valley; ascend along S. slope of low range of hills: bears E & W.
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 27. 28. 33. and 34., marked. T 22 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 18 x 18 x 12 ins in each sec 5½ ft dist and raised a mound of earth 4 ft base 2 ft high W. of cor.
	Land. hilly and level.
	Soil, sandy: 3rd rate.
	No timber; poor grass.

	N. 89° 57' E. on a random line bet. secs. 27 & 34.
40.00	Set temp ¼ sec cor.
79.94	Intersect N. & S. line at the cor of secs 26. 27. 34. and 35.
	Thence I run S. 89° 57' W. on a true line bet. secs. 27 & 34.
	Descend along SW. slope of bluff.
20.00	Bottom of descent in depression 30 ft deep.
	Ascend along N. E. slope of ridge.
39.97	Deposited a chained stake 12 ins in the ground for ¼ sec cor. (bet secs 27-34); 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.

Subdivision of T. 22 N., R. 40 W.

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.
53.31	Wire fence, bears S. 20° W., and N. 20° E.
60.00	Top of ascent; thence over rolling land along top of range.
79.94	The cor of secs 27. 28. 33. and 34.
	Land. hilly.
	Soil. sandy; 3rd rate.
	No timber; - bunch, and sand grass.

	N. 0° 03' W. bet secs 27 & 28. ascend slightly.
0.40	Top of ridge, bears E & W.: 40 ft above valley. descend over low hills.
19.50	Begin descent along N.W. slope of range.
22.00	Bottom of descent 30 ft below Cor.: enter valley bears E. and W.
40.00	Deposited a chained stake 12 ins in the ground for ¼ sec cor. (bet secs 27-28); 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.
55.00	Leave bottom land, foot of range bears N. 60° E. and S. 30° W.; ascend along SE. slope.
70.50	Top of ascent 75 ft above valley; thence along S. face of range.
80.00	Deposited a chained stake 12 ins in the ground for cor of secs 21. 22. 27. and 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 SE. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked. T 22 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.

Chains	
	and 3 on E. edges.
	Land: level, and hilly.
	Soil, sandy; 3rd rate.
	No timber; scattering bunch grass.
	N. 89°57' E. on a random line bet. secs 22 & 27.
40.00	Set temp. ¼ sec. cor.
79.96	Intersect N. and S. line 11 lks N. of the cor of secs 22. 23. 26. and 27.
	Thence I run
	N. 89°58' W. on true line bet. secs 22 & 27.
	Descend gently along N.W. slope rolling land.
37.93	Wire fence; bears N. 5° E.
39.98	Deposited a charred stake 12 ins in the ground for ¼ sec. cor. bet secs 22-27; 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.
44.00	Bottom of descent; enter level land; bears N. E. and S. W.
56.00	Leave level land; foot of range bears N. 50° E. and S. 50° W.; ascend abruptly along SE. slope.
62.00	Top of ascent on sand bluff. 75 ft above valley thence along S. face of range. over broken land.
79.96	The cor of secs 21. 22. 27. and 28.
	Land. level and hilly;
	Soil. sandy; 3rd rate.
	No timber.
	N. 0°03' W. bet. secs 21 and 22.
	Ascend along S. face of range.
15.00	Top of range 150 ft high; bears NE. & SW.
16.00	Begin descent along N. slope
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 E. & W. 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 W. face.
58.00	Bottom of descent in ravine: bears S. 80° E. and N. 80° W.
59.00	Begin ascent along S. slope of range. over rolling land.
74.00	Top of ascent 40 ft high, thence over broken land on 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 15. 16. 21. and 22. marked T 22 N S 15, on NE. R 40 W S 22. on SE. S 21. on SW. and S 16. on NW. faces. with 3 notches on S. and E. edges.; dug pits 18 x 18 x 12 ins in each sec 5½ ft dist. and raised a mound of earth 4 ft base 2 ft high W. of corner.
	Land. sand hills.
	Soil. sandy; 3rd rate.
	No timber; - bunch grass.
	S. 89°58' E. on a random line bet. secs 15 & 22.
40.00	Set temp ¼ sec cor.
79.84	Intersect N & S line 3 lks S. of the cor of secs 14. 15. 22. and 23.
	Thence I run
	N. 89°59' W. on true line bet. secs. 15 and 22.
	Descend gradually along NW. slope of range.
28.00	Bottom of descent. thence along N. slope of range of low hills.
28.70	Wire fence; bears N. & S, ascend slightly.
39.92	Deposited a charred stake 12 ins in the ground for ¼ sec cor. bet secs 15-22; 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

Subdivision of T. 22 N. R. 40 W.

Chains	
	square 12 ins in the ground, marked ¼ S., on N. face.
69.00	Ravine, bears N. 20° W.; ascend along N.E. slope of ridge.
73.00	Top of ascent; thence descend slightly over rolling land.
79.84	The cor of secs 15. 16. 21. and 22. Land, hilly. Soil, sandy; 3rd rate. No timber; - bunch, and sand grass.
	N. 0°03' W. bet. secs. 15 and 16. Ascend along S. slope.
6.00	Top of ascent 30 ft above cor.; thence descend along N.E. slope of range.
19.00	Bottom of descent; enter bottom; bears E. & W.
26.50	Trail; bears N. 70° E and S. 70° W.; thence over level bottom land.
40.00	Deposited a charred 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 W. face.
54.00	Leave level land; foot of range bears N. 70° E. and S. 70° W.; ascend abruptly along S.E. slope.
70.00	Top of ascent. 70 ft above valley; thence along E. slope of range over broken land.
80.00	Deposited a charred 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 S.E. pit drove an oak stake 2 ft long 2 ins sq 12 ins in the ground. marked T22N S10. on N.E. R40W S15. on S.E. S16. on S.W. and S9. on N.W. faces with 4 notches on

Subdivision of T. 22 N. R. 40 W.

Chains	
	S. and 3 notches on E. edges. Land. hilly and level. Soil, sandy; 3rd rate. Sand and bunch grass. No timber.
	S. 89°59' E. on a random line bet. secs. 10 & 15.
40.00	Set temp ¼ sec cor.
79.86	Intersect N. & S. line 21 lks S. of the cor of secs 10. 11. 14. and 15. Thence I run S. 89°52' W. on true line bet. secs 10 & 15. Over low rolling sand hills, along S. slope of range.
30.00	Ridge; bears N. & S.
31.50	Wire fence, course N. 120 W. S. 120 E.
39.93	Deposited a charred stake 12 ins in the ground for ¼ sec cor.; 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 along W. slope of ridge.
46.00	Bottom of descent, in ravine 30 ft deep. bears N. & S., ascend along S.E. slope of range, over broken land.
55.00	Top of steep ascent; thence ascend gradually along S.E. face of range.
79.86	The cor of secs 9. 10. 15. and 16. Land. sand hills. Soil. sandy; 3rd rate. No timber; - sand, and bunch grass.

Chains	
	N. 0° 03' W. bet. secs. 9 & 10.
	Descend along N. slope of ridge.
1.50	Bottom of descent in circular depression 20 ft below cor.; ascend along S. slope of ridge.
6.00	Top of ascent on ridge; thence descend gradually along N. slope of range.
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 N. face.
41.00	Bottom of descent; Enter valley; bears E & W.
46.00	S. edge of dry lake bed; bears E & W.
57.00	N. " " " "
60.00	Begin gradual ascent along Sw. slope of range of low hills.
74.00	Top of ascent, on range; bears E. & W.
80.00	Set an oak post 3 ft long 4 ins sq. with a charred stake 24 ins in the ground for cor of secs 3. 4. 9. and 10.; marked T 22 N S 3. on NE. R 40 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; 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, level and hilly.
	Soil, sandy; 3rd rate.
	No timber; bunch, and scattering prairie grass.

	N. 89° 52' E, on a random line bet. secs. 3 & 10.
40.00	Set temp. ¼ sec. cor.
79.78	Intersect N & S line 5 lks N. of the cor of secs. 2. 3. 10. & 11.
	Thence I run
	S. 89° 54' W. on true line bet. secs 3 & 10
	Descend along S. slope of range.

Chains	
20.00	Bottom of descent, in ravine; bears SE. & NW.
	ascend along E. slope.
23.00	Top of ascent 40 ft high; thence along top of low range, over low sand ridges.
39.89	Deposited a charred stake 12 ins in the ground for ¼ sec cor. bet secs 3-10; dug pits 18x18x12 ins E. and N. 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.
66.00	Begin gradual descent along Sw. face of range.
77.10	Wire fence; bears N. 30° W.
79.78	The cor of secs 3. 4. 9. and 10.
	Land, sand hills.
	Soil, sandy; 3rd rate.
	No timber; - sand, and bunch grass.
	August 12, 1895.

	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 Tp. 42 lks W. of the cor of secs 3. 4. 33. and 34.
	Thence I run
	S. 0° 15' W. on true line bet. secs. 3 and 4.
	Ascend along N. E. slope of range.
8.00	Top of ascent, thence along top of range over broken land.
24.00	Begin abrupt descent along SE. slope.
30.00	Bottom of descent in ravine; bears NE. and Sw.
35.00	Begin ascent along N. slope of range.
39.92	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.
58.00	Top of ascent, 30 ft above ¼ cor.; thence over rolling land, along N. slope of range.
76.09	Wire fence, bears N. 40° W. and S. 40° E.

Subdivision of T. 22 N. R. 40 W.

Chains

78.00 Begin descent over rolling land.
79.92 The cor of secs 3. 4. 9. and 10.
Land, hilly.
Soil, sandy: 3rd rate.
No timber: — sand, and bunch grass.
August 15. 1895

From the Corner of Secs. 4, 5, 32 & 33, on S. bdy, heretofore described, I run
N. 0°04' W. bet. secs. 32 & 33.
0.50 Begin descent along N.E. slope of range
26.00 Enter valley; bears N.E. and SW.
32.42 Wire fence; bears N. 60° W.; & S. 60° E.
36.00 Leave valley; begin ascent along S.E. slope of range.
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.
Ascend along S.E. slope of range.
41.00 Foot of sand bluff: bears N. 70° E. and S. 70° W. ascend abruptly along S.E. slope.
54.70 Top of ascent on sand peak 150 ft high; thence descend along N. face of range, over broken land.
69.00 Begin descent along N. slope of range.
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 S.E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked
T 22 N S 28. on NE.
R 40 W 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.

Subdivision of T. 22 N. R. 40 W.

Chains

Land, ~~sand~~ hilly.
Soil, sandy: 3rd rate.
No timber; — bunch and sand grass.

N. 89°57' E. on a random line bet. secs. 28 & 33.
40.00 Set temp ¼ sec cor.
79.76 Intersect N. & S. line 14 lks S. of the cor of secs 27. 28. 33. and 34.
Thence I run
S. 89°51' W. on true line bet. secs 28 & 33.
Descend over low rolling hills.
30.00 Ravine; bears N. 10° W.; ascend along NE. slope of range.
39.88 Deposited a charred 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 over low rolling hills
42.00 Top of ascent, thence ascend gradually along N.E. face, over ridges and ravines.
79.76 The cor of secs 28. 29. 32. and 33.
Land. hilly.
Soil. sandy: 3rd rate.
No timber; scattering bunch grass.

N. 0°04' W. bet. secs. 28 & 29.
Descend along N. slope of range.
21.00 Enter level land; bears N.E. and SW.
5.00 Trail, course about E. ~~and~~ and West.
40.00 Deposited a charred 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 & 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.

Chains	
45.00	Leave valley; begin ascent along S. slope, over low hills.
60.40	Top of ascent on sand bluff; descend along N. slope of bluff. over broken land.
70.00	Begin descent along N. slope of range.
80.00	Deposited a charred stake 12 ins. in the ground for cor of secs 20. 21. 28. and 29.; 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 22 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, hilly and level. Soil, sandy; 3rd rate. No timber; - bunch and sand grass.

N. 89° 51' E. on a random line bet. secs. 21 & 28.

40.00 Set temp. ¼ sec cor.

79.78 Intersect N. & S. line at the cor of secs 21. 22. 27. & 28.

Thence I run

S. 89° 51' W. on true line bet. secs 21 & 28.

Ascend along S. face of range.

4.50 Top of ascent, thence descend gradually along SW. face. over low ridges and ravines.

39.89 Deposited a charred stake 12 ins in the ground for ¼ sec cor, bet secs 21-28 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

Descend gradually along SW. slope.

57.00 Bottom of descent 40 ft below cor; in pass bears S. 40° E. and N. 40° W. old Trail. Cross N. & W.

Ascend over low hills sloping to NE.

Chains	
60.00	Top of ascent; thence descend along N. slope.
79.78	The cor of secs 20. 21. 28. and 29. Land. hilly. Soil. sandy; 3rd rate. Sand and bunch grass :- no timber

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N. 0° 04' W. bet. secs 20 & 21.

Over rolling bottom land.

6.00 Ranch trail; bears N. 30° E. and S. 30° W.

40.00 Deposited a charred stake 12 ins in the ground for ¼ sec cor, bet secs 20-21 dug pits 18 x 18 x 12 ins W. & 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.

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

53.00 Top of ascent on sand bluff. 75 ft above bottom.; thence ascend gradually along S. face of range.

65.00 Top of range; bears E. and W.; thence along top of range, over broken land.

80.00 Deposited a charred stake 12 ins in the ground for cor of secs 16. 17. 20. & 21.; 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 22 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 on E. edges.

Land, hilly and level.

Soil. sandy: 3rd rate.

Sand and bunch grass: no timber.

Subdivision of T. 22 N. R. 40 W.

Chains	
	N. 89°51' E. on a random line bet. secs 16 & 21.
40.00	Set temp. ¼ sec. cor.
79.76	Intersect N. & S. line 6 lks N. of the cor of secs 15. 16. 21. & 22.
	Thence I run
	S. 89°54' W. on true line bet. secs 16 & 21.
	Over rolling land, along N. slope of range.
4.00	Top of ascent 20 ft above cor. descend gradually along N. slope of range, over low ridges.
22.00	Ravine, or pass, at bottom of descent; bears N. 10° E. and S. 10° W.; trail in ravine bears N 10° E & S 10° W. ascend abruptly along E. slope of range of hills
28.00	Top of ascent. 50 ft high. edge of table land bears NE. & SW., thence, over rolling land.
39.88	Deposited a charred stake 12 ins in the ground for ¼ sec. cor. bet secs 16-21; 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
77.50	Top of ridge on top of range, thence along N. face, over ridges and ravines.
79.76	The cor of secs 16. 17. 20. & 21.
	Land, hilly.
	Soil, sandy: 3rd rate
	Land and bunch grass.- No timber.

	N. 0°04' W. bet. secs 16 & 17.
	Ascend slightly, along S. slope of ridge.
2.50	Top of ascent, thence descend along N. face of range.
28.00	Bottom of descent, enter valley: bears E & W.
36.00	Leave valley; begin ascent over rolling land.
40.00	Deposited a charred stake 12 ins in the ground for ¼ sec cor bet secs 16-17; 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

Subdivision of T. 22 N. R. 40 W.

Chains	
48.00	Foot of sand bluff: ascend abruptly.
57.00	Top of ascent 75 ft high: bears NW. & SE.: thence over broken sand ridges along top of range.
80.00	Deposited a charred stake 12 ins in the ground for cor of secs 8. 9. 16. & 17.; 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 22 N S 9. on NE. R 40 W S 16. on SE. S 17. on SW. and S 8. on NW. faces with 4 notches on S. and E. edges.
	This cor is situated on top of sand ridge on top of range, 150 ft. above valley.
	Land, hilly.
	Soil, sandy: 3rd rate.
	Sand, and bunch grass.- No timber.

	N. 89°54' E. on a random line bet. secs. 9 & 16.
40.00	Set temp. ¼ sec cor.
79.70	Intersect N. & S. line 3 lks S. of the cor of secs. 9. 10. 15. and 16.
	Thence I run
	S. 89°53' W. on true line bet. secs 9 & 16.
	Ascend over broken hills.
11.00	Top of ascent on N. face of ridge; descend along N. slope.
25.00	Bottom of descent at foot of ridge. ascend along N. E. slope of ridge.
28.50	Top of ascent on ridge, bears NW. & SE. Thence descend gradually.
39.85	Deposited a charred stake 12 ins in the ground for ¼ sec cor bet secs 9-10; 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.

Chains	
	Ascend along N.E. slope of range.
43.00	Top of ascent: thence along N. face of range.
79.70	The cor of secs 8. 9. 16. and 17.
	Land. hilly.
	Soil, sandy: 3rd rate.
	Sand, and bunch grass.- No timber.

	N. 0°04' W. bet. secs 8 & 9.
	Descend along N. slope of range - abruptly.
30.00	Foot of abrupt descent: thence descend gradually.
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 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.
54.00	Bottom of descent, foot of bluff bears N. 60° E. & S. 60° W.; ascend abruptly.
74.00	Top of range: bears NE & SW.
78.00	Begin descent along N.E. slope.
80.00	Deposited a chained stake 12 ins in the ground for cor of secs 4. 5. 8. and 9.; 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 22 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, hilly.
	Soil. sandy: 3rd rate.
	Sand and bunch grass — No timber.

Chains	
	N. 89°53' E, on a random line bet. secs 4 & 9.
40.00	Set temp. ¼ sec. cor.
79.78	Intersect N & S line 14 lks S. of the cor of secs 3. 4. 9. and 10.
	Thence I run
	S. 89°47' W. on true line bet. secs 4 & 9.
	Over rolling land.
6.00	Ravine, bears N.E. & SW.; ascend along SE. slope of range.
30.00	Top of ascent 75 ft high; thence over low ridges, descending.
37.00	Bottom of descent; thence over rolling land along N. W. slope.
39.89	Deposited a chained stake 12 ins in the ground for ¼ sec cor bet secs 4-9; 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, drive an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked ¼ S, on N. face.
	Ascend along N.E. slope of ridge.
55.00	Top of ascent, on ridge; bears NW. & SE.
	descend along SE. slope.
70.00	Ravine, bears N. & S, ascend along N.E. slope of range.
79.78	The cor of secs 4. 5, 8. and 9.
	Land. hilly
	Soil. sandy; 3rd rate.
	Sand and bunch grass; No timber.
	August 13th 1895.

	N. 0°04' W. on a random line bet. secs 4 & 5.
40.00	Set temp ¼ sec cor.
80.30	Intersect N. bdy of Tp. 20 lks W. of the cor of secs. 4. 5. 32. and 33.
	Thence I run
	S. 0°05' W. bet. secs 4 & 5, on true line.
	Over low hills.
1.80	Sand peak 30 ft high; descend along S. slope.

Subdivision of T. 22 N. R. 40 W.

chains	
8.00	Bottom of descent; enter level land; bears N. 60° E. and S. 60° W.
19.50	Wire fence; bears E & W.; leave level land: begin ascent along N. slope of range.
40.30	Deposited a charred stake 12 ins in the ground for ¼ sec cor. bet secs 4-5; 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 on low ridge; thence over rolling hills.
67.00	Ravine, or pass: bears N. 30° W. and S. 30° E. ascend abruptly along NE. slope.
80.30	The cor of secs 4. 5. 8. and 9. Land. level and hilly. Soil. sandy; 3rd rate. Sand and bunch grass on hills, and prairie grass in valley. No timber. August 15 1895.

From the Corner of Secs. 5, 6, 31 & 32. on the S. bdy of Tp. I run N. 0° 05' W. bet secs 31 & 32.

Ascend gradually along SW. slope of range

7.00	Top of ascent 50 ft above cor.; thence along W. slope of range
23.00	Begin gradual descent along NW slope.
36.00	Bottom of descent; ascend slightly along W. foot hills of range.
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.

Subdivision of T. 22 N. R. 40 W.

chains	
	Descend along W. slope over low ridges.
44.63	Wire fence; bears E & W.
52.90	" " N. 20° E. and S. 20° W.
53.00	Enter level land; bears N 20° E, & S. 20° 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 29. 30. 31. and 32. marked T 22 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 & raised a mound of earth 4 ft base 2 ft high W. of cor. Land. hilly and level. Soil, sandy: 3rd rate. Sand, and bunch grass: No timber.

	N. 89° 57' E. on a random line bet. secs. 29 & 32.
40.00	Set temp. ¼ sec. cor.
80.02	Intersect N. & S. line 11 lks N. of the cor of secs 28. 29. 32. and 33. Thence I run N. 89° 58' W. on true line bet. secs 29 & 32. Ascend along NE. slope of range.
9.00	Top of ascent, thence along N. slope of range over low ridges and ravines.
40.01	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 Descend along N. slope.
76.36	Wire fence; bears N. 40° W. and S. 40° E.; enter level land

Chains	
80.02	The cor of secs 29. 30. 31. and 32.
	Land. hilly and level
	Soil. sandy: 3rd rate.
	Sand and bunch-grass — No timber.

	S. 89°57' W. on a random line bet. secs 30 & 31.
40.00	Set temp ¼ sec cor.
79.77	Intersect W. bdy of Tp. 5 lks S. of the cor of secs 25. 30. 31. and 36.
	Thence I run
	N. 89°59' E. on a true line bet. secs 30 & 31.
	Ascend over broken land along W. slope of range
34.00	Top of ascent; thence along S. face of range.
37.00	Begin descent along SE. face of range.
38.00	Ridge; N 20° W. and S. 20° E. 150 ft high.
	descend along SE. slope.
39.77	Deposited a chained stake 12 ins in the ground for ¼ sec cor bet secs 30-31; 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.
	Ascend along SW. face of range.
46.00	Begin abrupt descent along SE. slope.
55.00	Bottom of descent; bears N. 80° E. and S. 80° W.
	thence over rolling land. in valley.
78.20	Trail to Hyannis; bears N 80° E. & S. 80° W.
79.77	The cor of secs 29. 30. 31. and 32.
	Land. rolling and hilly.
	Soil. sandy; 3rd rate.
	Sand and bunch grass: No timber.

	N. 0°05' W. bet. secs 29 & 30.
	Over level bottom land
1.50	Trail to Hyannis; bears N. 80° E. and S. 80° W.
5.46	Wire fence; bears N 40° W. and S. 40° E.
26.00	Leave valley; foot of range bears N. 80° E. & S. 80° W.

Chains	
	Ascend abruptly along SE. slope.
35.00	Top of ascent 100 ft above valley; thence over rolling land.
40.00	Deposited a chained stake 12 ins in the ground for ¼ sec cor bet secs 29 & 30; 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 range 150 ft. high; bears E. & W.
	descend gradually along NE. slope of range.
80.00	Deposited a chained stake 12 ins in the ground for cor of secs 19. 20. 29. and 30.; 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 22 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.
	Sand and bunch grass: — No timber.

	S. 89°58' E. on a random line bet. secs. 20 & 29.
40.00	Set temp. ¼ sec cor.
79.82	Intersect N. bdy. line 28 lks S. of the cor of secs. 20. 21. 28. and 29.
	Thence I run
	S. 89°50' W. on true line bet. secs 20 & 29.
	Ascend slightly over rolling land along N. foot hills of range.
5.00	Trail to Hyannis: bears N. 30° E. & S. 20° W.
39.91	Deposited a chained 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.

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.
	Ascend gradually along N. E. slope of range. over rolling land, low ridges, and ravines.
79.82	The cor of secs 19. 20. 29. and 30.
	Land. low rolling foot-hills.
	Soil, sandy; 3rd rate.
	Sand, and bunch grass; - No timber.

S. 89° 59' W. on a random line bet. secs 19 & 30.

40.00	Set temp ¼ sec cor.
79.20	Intersect W. bdy of Tp. 27 lks S. of the cor of secs 19. 24. 25. and 30.
	Thence S. on true line bet. secs. 19. & 30.
	Descend slightly.
13.20	Trail to Hyannis: bears N. 70° E. and S. 70° W.
17.00	Begin gradual ascent along N.W. face of range.
39.20	Deposited a chained stake 12 ins in the ground for ¼ sec cor. (bet secs 19-30); 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.
	Ascend along NW. face of range.
60.00	Top of ascent: thence over rolling land along N. slope.
79.20	The cor of secs 19. 20. 29. and 30.
	Land, hilly.
	Soil. sandy: 3rd rate.
	Sand and bunch grass. - No timber.

N. 0° 05' W. bet. secs. 19 & 20.

	Descend gradually along N. slope.
19.00	Bottom of descent; 30 ft below cor.: thence over rolling land.

Chains	
28.00	Foot of range. bears N. 70° W. and S. 70° E.; ascend over low rolling hills, along SE slope of range.
33.00	Top of ascent on top of bluff.; thence over broken sand hills, ascending slightly.
40.00	Deposited a chained stake 12 ins in the ground for ¼ sec cor. (bet secs 19-20); dug pits 18 x 18 x 12 ins N 75 E of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S, on W. face.
	Ascend slightly over low sand bluffs.
53.00	Top of ascent on sand ridge; bears NW & SE. descend along NW. slope.
72.00	Bottom of descent in a ravine; bears NW & SE. ascend along SW. slope of ridge
80.00	Set an oak post 3 ft long 4 ins sq. with a chained stake 24 ins in the ground for the cor of secs 17. 18. 19. and 20. marked T 22 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.; dug pits 18 x 18 x 12 ins in each sec 5½ ft dist. and raised a mound of earth 4 ft base 2 ft high N. of cor. From this cor.; Jerry A. Yeast's windmill bears N. 28° W.

N. 89° 50 E. on a random line bet. secs. 17 & 20.

40.00	Set temp ¼ sec cor.
80.00	Intersect W.S. line 5 lks N. of the cor of secs 16. 17. 20. and 21.
	Thence S. on
	S. 89° 52' W. on a true line bet. secs 17 & 20.
	Over rolling land along N. face of range.
9.00	Begin descent along NW. slope of range.
40.00	Deposited a chained stake 12 ins in the ground for ¼ sec cor.; (bet secs 17-20) dug pits 18 x 18 x 12 ins. E of cor

Subdivision of T. 22 N. R. 40 W.

Chains	
	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	Bottom of descent; enter rolling land.
55.00	Leave rolling land; foot of bluff bears N & S. ascend abruptly along S. slope
59.00	Top of ascent on bluff 75 ft. above bottom. thence. ascend gradually along S. face of range.
62.00	Top of ascent on range; descend gradually. along N. slope. over ridges and ravines.
80.00	The cor of secs 17. 18. 19. & 20.
	Land. rolling and hilly.
	Soil. sandy: 3rd rate.
	Land and bunch grass. — No timber.

	N. 89°49' W. on a random line bet. secs. 18 & 19.
40.00	Set temp ¼ sec cor.
78.82	Intersect W. bdy. of Tp. 26 lks N. of the cor of secs: 13. 18. 19. and 24.
	Thence I run
	East. on true line bet. secs 18 & 19.
	Along S. face of a range of low hills.
20.00	Begin descent along E. slope of range.
33.00	Bottom of descent in ravine, bears N & S., Trail bears N.W. and S.E., ascend over rolling ground.
38.82	Deposited a charred stake 12 ins in the ground for ¼ sec cor. bet secs 18-19; 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.
	Ascend along SW. face of sand bluff.
54.00	Top of ascent on bluff 30 ft high: thence descend along E. slope of range.
71.00	Bottom of descent in a ravine or pass: bears N & S: ascend along W. slope of range over rolling land.

Chains	
78.82	The cor of secs 17. 18. 19. and 20.
	Land. broken sand hills.
	Soil. sandy: 3rd rate.
	Land and bunch grass. — No timber.
	August 14" 1895.

	N. 0°05' W. bet. secs. 17 & 18.
	Ascend gradually over broken land along W. slope of range.
40.00	Deposited a charred stake 12 ins in the ground for ¼ sec cor. bet secs 17-18; 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.
	From this cor. Perry A. Yeast's wind-mill bears N. 65° W.; 40 chs. dist.
50.00	Top of ascent 20 ft above cor: begin descent gradually along N.W. face of range.
70.00	Bottom of descent; enter rolling land.
80.00	Deposited a charred stake 12 ins in the ground for cor of secs 7. 8. 17. & 18.; 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 T22NS8. on NE. R40WS17. on SE. S18. on SW. and S7. on NW faces. with 4 notches on S. and 5 on E. edges.
	Land, hilly.
	Soil, sandy: 3rd rate.
	Land and bunch grass: No timber.

Subdivision of T. 22 N. R. 40 W.

Chains.	
	N. 89°52' E. on a random line bet. secs 8 & 17.
40.00	Set temp. ¼ sec. cor.
79.86	Intersect N. & S. line 30 lks N. of the cor of secs 8. 9. 16. and 17.
	Thence I run
	N. 89°55' W. on true line bet. secs 8 & 17.
	Descend along N.W. Slope of range.
11.00	Ridge: bears N. & S.: descend along N.W. slope
38.50	Bottom of descent in gulch, 30 ft deep: bears N. & S.
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.
	This cor is in bottom of gulch.
	Ascend along N.E. slope of ridge.
59.00	Top of ascent on ridge; bears N. 20° W. and S. 20° E.: begin gradual descent along N.W. face of range.
79.86	The cor of secs 7. 8. 17. & 18.
	Land, hilly.
	Soil, sandy: 3rd rate.
	Sand and bunch grass; No timber.

	West. on a random line bet. secs 7 & 18.
40.00	Set temp ¼ sec cor.
78.52	Intersect W. bdy of Tp. 6 lks N. of the cor of secs 7. 12. 13. & 18.
	Thence I run
	N. 89°57' E. on true line bet. secs 7 & 18.
	Ascend along S.W. face of range, over broken land.
18.50	Ascend over sand ridges.
28.00	Top of ascent on a sand peak. 200 ft high thence, descend along S.E. face of range.

Subdivision of T. 22 N. R. 40 W.

Chains	
38.52	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.
44.00	Begin descent along S.E. slope of range.
67.50	Bottom of descent; enter level land; bears N.E. & S.W.
78.52	The cor of secs 7. 8. 17. & 18.
	Land. hilly.
	Soil, sandy: 3rd rate.
	Sand and bunch grass: No timber.

	N. 0°05' W. bet. secs 7 & 8.
	Over level valley land.
16.00	Foot of range, bears N. 70° E. and S. 70° W.
	Ascend along S.E. slope over low bluffs.
39.50	Top of ascent 100 ft high, on E. face of ridge.
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 raise 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.
	Descend along E. edge of ridge.
51.00	Begin descent along N.W. slope of range, over low ridges and ravines.
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 raise 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

Chains	
	T 22 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. sand hills. Soil, sandy; 3rd rate. Sand and bunch grass:— No timber.
	S. 89°55' E. on a random line bet secs 5. & 8.
40.00	Set temp. ¼ sec. cor.
79.90	Intersect N. & S. line 12 lks N. of the cor of secs 4. 5. 8. & 9. Thence I run N. 89°50' W. on a true line bet. secs. 5 & 8. Ascend along E. slope of range.
2.00	Top of ascent; thence along N. slope of range over ridges and ravines.
8.00	Begin gradual descent along NW. slope of range.
34.00	Bottom of descent at foot of range: bears N. E. and S. W.
39.95	Deposited a chained stake 12 ins in the ground for ¼ sec cor (bet secs 5-8); 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. Ascend gradually along N. E. slope of range.
60.00	Top of ascent on N. face of range; thence descend slightly along NW. slope over low ridges and ravines.
79.90	The cor of secs 5. 6. 7. & 8. Land. hilly. Soil, sandy; 3rd rate Sand and bunch grass. — No timber.

Chains	
	S. 89°57' W. on a random line bet secs 6 & 7
40.00	Set temp ¼ sec cor.
77.94	Intersect W. bdy of Tp. 6 lks S. of the cor of secs 1. 6. 7. and 12. Thence I run East, on true line bet. secs 6 & 7. Ascend along SW. slope of range over rolling land.
10.00	Top of ascent 75 ft; thence along top of range over broken land.
18.00	Begin descent along SE. slope of range.
37.94	Deposited a chained stake 12 ins in the ground for ¼ sec cor (bet secs 6 & 7); 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.
44.00	Enter a narrow bottom; bears N. 70° E. and S. 70° W.
53.00	Leave bottom, begin ascent along N. W. slope of range.
77.94	The cor of secs. 5. 6. 7. & 8. Land. hilly. Soil, sandy; 3rd rate. Sand and bunch grass; No timber.
	N. 0°05' W. on a random line bet secs 5 & 6.
40.00	Set temp ¼ sec cor.
80.12	Intersect N. bdy of Tp. 11 lks W. of the cor of secs 5. 6. 31. and 32. Thence I run South, on true line bet. secs. 5 & 6. Ascend along NE. slope of range.
36.00	Top of ascent on sand peak 80 ft high. thence over broken land.
40.12	Deposited a chained stake 12 ins in the ground for ¼ sec cor (bet secs 5-6); dug pits 18 x 18 x 12 ins

Subdivision of T. 22 N. R. 40 W.

Chains	
	MTS of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. Iw S pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked ¼ S, on W face.
64.00	Begin descent along S. slope of range.
69.00	Bottom of descent, in ravine: bears NE. and SW.: ascend along N. slope of range
80.12	The cor. of secs. 5. 6. 7. and 8.
	Land, hilly.
	Soil. sandy; 3rd rate.
	Sand and bunch grass: - No timber.
	August 15, 1895

T 22 N., R. 40 W

General Description.

This township consists of a series of almost regular ranges of sand hills - from 75 to 150 ft. high N, running E. and W. through the township.

The soil is very sandy and is unfit for cultivation - The vegetation is a bunch grass on hills and a thin sand grass in the valleys - No hay grows in this township -

No natural water is found and no timber of any description.

Willard W. Aldt
U.S. Deputy Surveyor

Aug. 15. 1895.

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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 .....
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.....
.....Meridian, in ....., showing the respective capacities in which they acted:
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Final Oath of Assistants:

We hereby certify that we assisted .....
....., U. S. Deputy Surveyor, in surveying all those parts or portions of the .....
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.....
.....
.....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 .....
.....
.....
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.....
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.....
.....

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 .....

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.....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 survey of the subdivision and claim lines of Township No. 22 North Range No. 40 West of the 6th Principal Meridian State of Nebraska.

.....

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.....

.....

.....executed by

Willard W. Alt U.S. Surveyor

under his Contract No....., dated December 26, 1896, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Binger Hermann

~~U. S. Surveyor General~~

Commissioner and ex officio Surveyor Gen'l for Nebraska

I certify that the foregoing transcript of the field notes of the above-described surveys in T. 22 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 Gen'l for Nebraska

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W.W. Alt Subdivision of T 22 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.